## REPORT

OX 2HE

## ADMINISTRATION

## BOMBAY PRESIDENCY

HOE TFI<br>$\therefore$ YEAR 1891-92.

In rounding off figures, fractions exceeding öne-half have been reckoned - as equivalent to one, and those equal to or less than ome-half lave been left out of consideration.

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## PART 1.

## SUMMARY.

Tye year under review was marked by an unseasonable distribution of rain- Tatroduction. fall throughout the Presidency. It resembled in some respects the year 1876-73 ${ }^{\circ}$ and although it was not one of intense famine, it will be remembered es a year of severe drought ; and three districts of the Southern Division were so affected that it became necessary to apply the provisions of the Famine Codeto a considerable tract of country. As was to be expected, a rise occurred in the prices of food-graits, but the extended facilities of communication, which now exist, while rendering the rise more general throughout the Presidency, prevented prices reaching an abnormal height in any partitular locality, and thas minimised the scarcity in the distressed areas. Want of fodder is not so easily remedied in this way, and to it must be attributed the slight decline, which occorred during the year, in the total number of eattle in the Presidency. Besides the ordinary measures of relief adopted, the steps taken by Government to simplify the procedure and make more widely, bnows advantages of the takívi system did much to alleviate distress, and the enomeneas incírease made in advances of money for agricultural purposes is the best testimony that the action of Government in this respect was appreciated. In consequence of the drought, a considerable area of land was thrown ont of cultivation in parts of Sind; and the land-revenue demand underwent a reluction; at the same time the proportion borne by actual collections to the demand was slightly smaller than usual, and this was due to the extreme care that was taken to avoid putting pressure upon agriculturists in needy circumstances, which is evidenced by the reduction by over 50 per cent. in the number of distraints levied, as compared with the pravious year. The scarcity was also in some measure responsible for a slight reduction in the revenue from forests, but in other respects the 骎保 compared farourably with its predecessor from a financial point of view. Receipts and expenditure, both Imperial and Provincial, increased, and, while the surplus of Imperial Civil revenue was only slighty less than in the gear before, the deficit resulting from Provincial receipts and expenditure was considerably smaller than in 1890-91. The ?main sources of the increase in revenue were opinm, salt, and excise, while there was also a slight improvement in income-tax receipts. The increase in the revenue of the Salt Department, which, owing to the termination of the treaty with Portugal, underwent considerable changes of organization during the year, was due to the more extended exportation of salt, especially to Mysore, Calcutta, and the Central Prorinces. Some further slight modifications were introduced into the Abkiri Department, and in combination with the more important changes previously effected resultedtin an improved revenue from this source, while at the same time the consumptiot of country liquor mas markedly: discouraged; onthe othus hand the effect of the increased rate of-duty imposed upon imported spirits was visible in a reduction of the sea-customs eollections Enhanced receipts from the Stamps, Registration, and Telegraph Departments were due to increased transactions; but, though improved facilities of postal communication resulted
in a corresponding increase in the work of the Post Offce, the receipts resulting from the more numerous transactions wera not sufficient to counterbalance the effects of the reduction in postage rates with Union countries. Under the head - of Mintralone, however, was there a serious decrease of revenue, and this was due to the small quantities of silver brought to the Mint for coinage, as compared with the previous year, when the importations of silver for this purpose were enormous. This same contraction in the imports of silver was mainly accountable for the slight decredse in the total value of the sea-borne trade at the port of Bombay, but the most marked features of the mercantile transactions at that port were the very greatincrease In the exports of grain, owing to the famine in Russia, and
; the decline in the exports of raw cotton and ${ }^{4}$ cotton goods: at the same time it

- may be noted, that; in spite of this depression in the cotton industry, the number of mills jand of spindles and looms in existence in the Presidency increased. $A^{\prime}$ considerable improvement oocurrod in the trade of $\Delta$ den, and there was no break in the continuous rise in the total volume of trade at the port of Karáchi, which has been going on since 1887-88. The development of the "grain trade noted above was largely. responsible for the increased traffic carried"by most of the railways, and for their financial prosperity during the year under review. Progress was made with the extension of "lines under the control of the Bombay Governmént, and the Hyderabid-Umarkgt Railway aforded the first instance of the co-operation of Lociti Boards in schemes of this nature Their contribution to this railway, together with the extra charges on account of famine relicf, were the cause of the increased expenditure from Incorporated Local Funds, but on the other hand the receipts of these funds were considerably enhanced by contributions, from Provincial" Funds for purposes of education and village sanitation; including a grant of Rs. 1 laktr'for the improvement of the water-supply of villages. There, was an increase during the year in expenditure upon publia works, and the most important operations in progress were the construction of the iron bridge over the Siabarmati river, and of the new Central Jail at Ahmedábád. These works were vigorously pushed forward, and a new Central Jail was commenced at IIyderubid. A large share of attention was also given to irrigation, and the area irrigated in the Presidency Proper was the largest ever recorded. The conduct of the police was generally good, and while they were not quite so successful in procuring convictions of the persons arrested, they recovered a much larger proportion than in the previous year of the property stolen. The year ${ }^{\text {t was }}$ somewhat unhealthy and both cholera and fever accounted for a larger number of deaths than in 1890.91. Medical relief was increasingly appreciated, and during the year two new dispensaries were opened, , while the history of the Bombay Municipality was marked by the opening of the Leptr. Asylum at Mátunga, as well as by the opening of the Tánsa water works. . The total expenditure npon education, nearly one-third of which was contributed from Local Funds, showed an increase, and steady progress in educational matter's continued unbroken. During the year an agricultural staff, similar to that already established in the Southern Division, was introduced into the Central Division. As regards Native States, the year was generally one of progress, but an aceount of them is summarized further on.

Perzonnal of the Admioistration. - The Right Honpurable George Robert Canning Baron Harris, G.C.I.E., continued to hold the post of Governor and President in Councilr, and LieutenantGeneral Sir G. B. Greaves ${ }_{3}$ K.C.B., K.C.M.G., that of Commander-in-Chief and Eecond Member of Council. The Monourable Sir Raymond West, M.A. F.R.G.S., Honorary LLD., K.C.L.E., continued as Third Member of Council; and the Honourable Sir Charles Bradley Pritchard, K.O I.E., O.S.I., continued as Fourth Member of Councid, throughout the year.

On the 31st March 1891 His Excellency the Governor embarked in the The Governor's I. M. S. Clioc, and, after visiting Alibúg, Ratnágiri and Kärwár arrived tonra at Marmagaio on 5th ApriL. He was there met by an Aide-de-Camp to the Governor General of Goa and by the British Consul, as *well as by the representatives of the West of India Portuguese Railmay. His Excellency proceeded on the 'State barge to New Goa, where he was met by His Excellency the Gdvernor General of Portuguese India and, other Portuguese Military and Civil officials. In company with the Governor General, His Excellency ayain embarked on the State barge, and proceeded to Old Goa, where the party visited the Cathedral and several other churohes, and were shown other objects of intereet. The party then drove back to New Goa and were ens: tertained at a banquet in the palace by the Governor Gencral, who proposed the health of the Empress, of India, In the afternoon, His Excellency visited the palace at Cabo Poin's" and shortly afterwards returned to the Clipe at Marmagio. The Governos Generral and several other gentlemén dined with His Excellency on board the Clive in the evening. His Excellency Lord Harris was much gratified by the courtesy and hospitality shown him by His Excellency Francisco Maria da, Cunha, Governor General of Goi. His Excellency spent the next five days in camp at Supa. On the 12th April hearrivel in Dhárwár, and, after halting there two days, dufing which he visfed the site of the Hubli water works, and the "railwiy workshops, and replied to several addresses, proceeded to Bijipur on the 15th April, inspected the scbools, and in the afternpon received and replied to addresses from the Municipality and from the representatives of the Mahomedan community. On the 17th April he arrived at Belgaum and, proceeding to Dhupdhal on the 1Sth, visited the Gokak storage works and the Gokík Mills, returning to Belgaum the saménight. His Excellency proceeded to Kolhápur on the 20th April and opened the new KolhápurState Railway. The, usual State visits were interchanged with His Highness thë Raja of Kolhápur, and in address from the Mrunicipality of Kolhápur was received and replied to. His Excellency on the 22nd April left for Mahibaleshvar. On the 10th June he proceeded from Poona to Ahmedíbád to open the water works, returning to Ganesh Khind on the 12th June 1891. On the 31st August 1891 His Excellenoy the Governor paid a visit to His Excelleney the Viceroy at Simla, returaing to Ganesh Khind on the 12th September 1891. On the 20th Ociober His Eticellency left Ganesh Khind for Ahmeduagar and Sholípar, at which places he visited the local institftions and received and replied to addresses from the municipalities and other public bodies, and returned to Ganesh Khind on the 27th October 1891. On the 30th October 1891 His Excellency left Ganesh Khind, and, after visiting Thina, embarked at Bombay on the 1 st November for Karichi : on arrival on the 4th, after being presented with and replying to a municipal address, Hiq Excellency drove to the Commissioner's residence. In the aftronooi he visited various places of interest, and received and replied to an address at the Wedderburn Normal Girls' School. "Op the mornidg of the 5th Novermber His Excellency with the Commissioner in Sind visited the Dublin Fuiliers barracks and, after distributing temperance medals to the men, was conducted over the Soldiers' Institute. A visit to the Military Hospital was followed by a drive through the city. Subsequently His Excellency drove to Keamari and spent the day. in inspeefing the harbour works and the Manora breakwater and defences. On the 6ilh November. His Excellency rode out to sce the new military rest camp, and on the 7th inspected the Maurgpur salt works; he receivel and repliel to addresses from the Chambers of Commerce, the Sind Sabha, and the Mahomedan Association; and in the evening distributed prizes at the Frere IIall to the Grammar School: On the 8th November His Excellency reached Hydaribád, and, after visiting the places of interest, received
visits from Their Highnesses the Mirs. This was followed by a darbar of the notables, after which His Excellency visited other institutions in the town. On the 10th November he visited the Meanee battle-field and monument, and inspected some of the Sind inundation canals. On the 11th he crossed again to Kotri and rode some 36 miles to Arabji Wali in Kohistín. On the 16th Norember His Excellency arrived at Lárklána, where an addresś of the Municipal Board was read and replied to. Subsequently he inspected the proposed site for new collectorate oflices, the Ghar Canal, the bridges, and the town, and at night left for Sukkur. On the 18th November His Excellency drove to Rahuja, inspecting the two heads of the Sukkur Canal and the scheme of defence works to protect the Lansdowne Bridge. In the afternoon he received and replied to the Municipal and District Iqcal Board addressess and inspected the Lansdowne Bridge, the regulator of the Eastern Nara jarigational works, and the site of the head-works of the suggested Hydorábad Perenniai' Canals. His Excellency left for Shikarpur on the 20 th November, and, after visiting jhe proposed Victoria Female Medical Institute, interchanged the usual ceremonial visits with His Highness Mir Ali Murad Khan. On the 21st November His Excellency rode out to visit some forest lands near the city, and inspected the jail. a In the afternoon His Excellency formally invested His Highness Mir Ali Murad Khan, in the presence of $\boldsymbol{f}^{2}$ darbar of notables, with the insignia of $a^{\circ}$ Knight Grand Commander of the Order of the Indian Empire, and afterwards received and replied to an address from the Shikárpur Mrunicipality. On the 22nd November His Excellency left for Jacobábad, where he remained for the 23rd, holding a darbar of the large Jághirdars and Zamindars, and inspecting the regi-- mental patdocks of the cavalry regiments stationed there. His Excellency left for Quetta on the 24th. "Qn the 25th His Excellency the Governor accompanied by His Excellency the Commander-in-Chiof in India, with their respective staffs, went by train to Balcli and from thence rode to Bastion Fort, the Regi and Ghazabund line of defences, returning to Quetta in the evening. On the 26th November the party visited the Khojak Tunnel and Now Chaman, and returned to Quetta. On the 27th His Excellency witnessed a garrison parade, and inspected the barracks and the Station Hospital. On the 28th he visited the Upper Bolan, and, returning from Quetta on the 20th November to Sukkur, was met en route, at Harnai, by a guard of honour of the newly raiscd 24th Biluchis. On November 30th His Excelloncy paid a visit to His Highness Sir ali Murád Khán Talpur, G.C.I.E., in his own tefritory. His Excellency left Sukkur for Karichi on the 2nd, and embarked for Bombay, which was reached on the 5th December 1891. On the 28th December His Excellency the Governor accompanied by the Privato Secretary left Bombay to personally satisfy limself as to the position of affairs in the districts where distress, owing to failure of the rains, had been reported to exist. His Excellency

- first visited Gadag, where he yis met by the Collector and other officials of the Dhárwár. District, and whicre he replied to an address presented by the Municipal Board: thence he rode through one or two adjoining villages. He then visited Badami and Bffapur, meeting the local native offleers at the various stations en route. Froup Bijápur he rode across through Kurundvád to Athni ( 47 miles), wher be was met by the Collector of Belgaum and other Divisional Officers; the-next morning he rode ont to Miraj ( 30 miles), where he was met by the Chicf and the Political Agent, Kolhápur; His Excellency returned to Bombay on the 4th January 1892, meeting the Collector of Sátára and other local officials en route. On the 10th January His Excellency the Governor leit Bombay for Poona, visited the Camp of Esercise on the 11th, and, after laying the foundation stone of the Fergusson College, returned to Bombay on the 12 th January 1892.

The partial failure of the south-west monsoon was the most distinctive Importsat evente feature of the year, resulting, as it did, in the notification, on the 6th of February Famina. 1892, of the Bijápur District and portions of Belgaum and Dharwar as famine areas. The tract so notified was 8,169 square miles in extent, with a population of $1,20,000$. The possibility of a period of scarcity was foreseen lons before it supervened, so that there was no delay in starting relief works wherever necessary, The distross reached its height in April and May ; on the last day of April, 5,817 persons were employed on relief works, including 2,118 persons on works in the Sholápur, Sátíra, and Poona Collectorates, in parts of which scarcity in a milder form existed for a short time.

On the last day of May there were 4,995 persons employed in the three districts in which famine was formally notified; after that date the numbers on relicf works rapidly declined, till the notification of famine -was withdrawn with effect from August lst, 1892. - Specially large advances of takávi were made amounting, in the three districts in which famine was notified, to Res. $7 \frac{1}{9}$ lákks. "

In cases where there was any doubt as to the ability of rayats to pay their land-revenue instalments, remissions or suspensions were granted. Partly - owing to the smallness of the affected area, and partly to the carrying power of the railway system, the prices of food-grains were never excessively high, the dearest rate reached, being $25 \frac{1}{3}$ lbs. of jowári per rupee, which obtained for a short time in Satara. In addition to the districts already noticed, scarcity in a minor degree existed in the Thar and Párkar District of Sind, in portions of the Native States of the Southern Maratha Couptry and of those in and around Káthiáwár. A special detailed account of the circumstances of the scarcity, and the stops taken to meet it, being under preparation by Government, it is unne, * cessary to go into further detail on the subject in this place.

Another important event affecting more especially the Salt Department, Termination of was the termination of the Treaty with Portugal, on the expiration of the period the Portuguces of twelve years for which it was made. The results of the working of the Treaty 9 lealy. as a financial measure were unsatisfactory, and efforts made to obtain its renewal in a shape less unfavourable to the British Government having failed, it was finally allowed to lapse.

The transfer of the Karjat taluka from the Thána to the Kolaba District, Transfer of थho increased the area and population of the latter and of the Southern Division by Karjat Táluka 350 square miles and 85,288 persons, and effected a corresponding decrease in the Thána District and the Northern Division.

Ia consequence of the general mismanagement of the State of Jath, and the Jath. breach of the conditions on which the late Chief was restored to power in 1885, Government thought it necessary to take over again the management of the State. The Political Agent, Bijapur, accordingly assumed charge of the State on 28th. Soptember 1891, while the formal transfer of control over Jath and its dependency, Daphlípur, to the Political Agent, Southern Marátha, Country, was effected on lst November 1891.

The town of Broach was visited by a calamitous downpour of cyclonic rain other evenct. at the end of July 1891. Within twenty-four pouirs 23 inches of rain fell, and caused considerable damage to property and some loss of life. On March 3ist, 1592, His Excellency the Viceroy opened the Tannsa water works: this as well as the completion of the Jubilee water works in Káthiáwár and other exents of importance or interest are referred to under the headings to which they properly belong,

- 741-2 88

[^0] States: Catch,

In addition to the territory under its direct administration, the Government of Bombay exercises political control over some 350 Native States scattered over every division of the Presidency, and presenting numerous gradations of size, wealth and civilization. The principal features of the year's administratfon of the more important States or Agoncies are briefly noticed below, and shown more in detail in the body of the report. The influence of example and the adoption of methods and systems which have worked beneficially in British territory are observable in nearly all the States, of whatever size or importance, the most notable exception being the State of Khairpur, whose Chief, now grown old and infirm, nevertheless adheres to all the traditions of ancient times.

The history of the year has been, as usual, with the politary exception of Jath, an uneventful record of continued progress and prosperity, in spite of the scarcity which affected several States; while Cambiny was recovering from the chaotic condition, to which maladministration had brought ik with unexampled rapidity.

The State of His Highness the Ráo suffered again from unscasonable weather, the effects of which were the more severely felt, owing to the bad seasons of the past four years. There was a slight decrease of crime in the State, attended by a very satisfactory increase in the number of arrosts and convictions of accused pera sons. Civil litigation considerably decreased. Imports were indirectly and exports directly affected by the scanty rainfall; and the volume of trade underwent a noticeable reduction. The large increase in the public works expenditure of the State was mainly due to the construction of a telegraph line, at a cost of over a lakh of rupees. His Highness the Río afforded much relief to cattle-owners, in this year of scanty crops, by remitting import ducs on fodder, \&ce; but it is to be regretted that no permanent reduction of the taxes on trade has yet beem made. The large number of Darbari prizes and scholarships evidences the iaterest taken by His Highness in education. There was a noticeable increase in the attendance of pupils at the State schools, but it unfortunately did not extend to Giríssia and Jádeja boys. The decrease in the attendance of these classes is the more to be regretted, because the spread of education might be expected to improve the relations botween the Jadeja nobles and their sovereign. The dilatory procedure of the Jadeja Court was somewhat noticoable during the year. The chronic disputes between Cutch and Morvi continued to give trouble, but the entire separation of their interests is now under contemplation. In various directions the continuance of infanticide forced itself upon the attention of Government, but definite information on the subjoct was scanty. In the course of the year His Excollency the Governor received the Rá in Bombay; and His Highness entertained His Excellency the Commander-inChief at Bhúj.
Palanpar Sapor- The Palanpur Superintendency comprises the two first class States of Palanintendencs. pur and Radhanpur and nine other less important tálukas. Want of rain, in the latter part of the monsoon, ruined the harvest, and caused great scarcity of fodder, which, in combination with disease, resulted in heary mortality among cattle. The financial condition of both the first class States has improved, and they were each able to show a moderate surplus at the end of the year. The Radhanpur Darbír made a valuable improvement in their water-supply by the construction of a dam across thie Banes, conncoted by a canal with Kadhanpur : the new jail at Palanpur made slow progress, but the hospital was approaching completion. Fewcr offences than last year were reported to the State police, but more to the Agency police; on the whole the volume of crime was much the same: both forces effected a large number of arrests, but while the
percentage of convictions obtained by the State police was slightly better than last year, that obtained by the Agency police showed a distinct falling off. Civil litigation throughout the Superintendency diminished in a marked degree, but there was a slight increase in the number of political cases disposed of by the Pálanpur appellate Court. Attendance at the State schools somewhat improved, but there was a further decline in the number of indigenous sohools and it is to be regretted that the night schools had to be closed for want of support. The office of Chief Minister of the Pálanpur State changed hands during the year, and the Palanpur Levy was finally transferred to the control, of His Highness the Divin. The work of collecting revenue in the Radhanpar State was entrusted to much more highly paid officials than heretofore, with excellent results. His Higlyess the Divan of Pálanpur and His Highness the Naváb of Rádhanpur hoth made short trips to Northern India during the year.

The Mahi Kántlí Political Agency comprises 64 States, of which that of Mahi Kanthe I'dar alone is of any individual importance. In spite of a large number of $\Delta$ gency. boundary disputes, no actual disturbance of the peace of the frontier occurred, and during the year sume progress was made towards the settlement of the numerous quarrels by the decision of the Sirohi-Dánta dispute, the investigation of the Kundol-Mahura dispute and the Dantor-Waje case, and by separating the interests of the Bhils on each side of the border in the Mahurs groves. At the same time á border Court was held at which numerous claims were settled. The Thákor of Warsoda accepted the principle of a commutation of his wanta lands in Baroda territory for an annual cash payment under certain conditions, and the Mánsa winta was transferred to the Gaekwar Government, in pursuance of the settloment previously effected. There were nineteen estates under management during the year, and a considerable amount of their debt was paid off. Although the monsoon was scanty and unseasonable, and the crops Below the average, there was a slight decrease in crime generally, fexeept in ten States; orimes of a violent nature were, however, as rife as ever,and" may be ascribed to the turbulence of the population and the complication of territorial interests. The Agency Police were rather more successful in procuring convictions than in the previous year, and their efficiency was greater than that of the badly organized and badly paid States' police. Though the number of civil suits filed showed an increase, the value of claims involved was smaller; hardly a quarter of the large number of politieal cases for disposal were decided. As usual, in several States the expenditure exceeded the income, chiefly owing to marriage and other ceremonies, but the finances of I'dar, in which State alone any considerable sum was spent on works of public utility, were in a satisfactory condition. This is the more creditable, when the difficulties in the development of its resources, caused by the lawless character of the population on its hilly frontier, are remembered. There was a slight improvement in educational matters, and the three Bhil schools promised to become centres of civilization among these wild people.

The Province of Káthiáwár comprises 188 States, divilled into seven classes; Káthiawar. the Chiefs in the first two of which, in number fourteen, alone exercise full jurisdictional powers over their own subjects. The State of Porbandar, in the first class, and those of Rajkot and Vánkíner, in the second, continued under management during the year of report. The year was an eventful one: NavábSir Bahádur Khánji Mohabat Khánji, Knight Grand Commander of the Indian Empire, with the insignia of which order he was solately invested, died, and his next younger brother, Rasul Khánji, was formally proclaimed his successor as Navab of Junágad. The formation of the Káthiawar Imperial Service Troops, the commencement of the Jetalsar-Rajkot Railway, and the successful
completion of the Jubilee water works at a total cost of Rs. $1,86,000$ were events significant of progress. The year will, however, also be remembered in connection with the great irregularity of the monsoon, which resulted in slight distress in the north, and necessitated the institution of some few relief works.

- This scarcity did not; as might have been expected, result in an increase of crime generally; and though the States' police were wanting in discipline, they, in conjunction with the better organized Agency police, were rather more successful in dealing with crime than in the previous year. The police, however, could not succeed in terminating the career of a daring band of outlaws, who were at large during the year, and, measures for their arrest have been taken by Government. A slight decline in civil litigation resulted in a reduction of arrears, but they were very heavy in the Porbandar, Limbdi and
- Milia States. The partial failure of the crops was responsible for a reduction in the trade by sea; but public works expepditure, nearly half of which was
* in the Bhávnagar State, increased. The proposals regardíng an improved classification of the local funds of the Province, referred to in last year's report, were carried out during the year. There was no relaxation in the efforts of the Chiefs of Káthiáwár towards educational progress, and this year there was a further increase in the number of schools and scholars and in expenditure on public instruction.

The course of events, which led to the delegation of his authority by His Highness the Navab of Cambay to an officer specially appointed by the Bombay Government, for the purpose of re-establishing peace and order, was fully described in the report of lasty year. Since then the work of reform in every branch of the administration of this State has made remarkable strides. In pursuance of the policy of re-organization referred to last year, it was found necessary daçentralize work to a large extent. In spite of a good season, there was an appayen increase in crime, but the statistics during a portion of the previous year were, so inaccurate that any comparison is of small value. The improved results obtained by the police showed that the modifications introduced into the organization of the force were well considered. A Small Cause Court and a much-needed Sardárs' Court wore constituted during the year, the latter being devised to meet the case of plaintiffs against the highest class of nobles and Sardars of State, who claimed exemption from the jurisdiction of the ordinary Courts. Progress was made in educational matters, and though the number of schools increased, the cost to the State was slightly reduced. A wise management of the finances of the State rendered possible the completion of several public works of a minor description; and though expenditure was greater than in the previous year, the increased receipts enabled the State to repay a substantial portion of its debt, and there was every prospect that all its liabilities would be liquidated by January 1894.

The Rewa Kántha Agency comprises the one first class State of Rajpipla, five second class States, and fifty-five petty States and estates. Rajpipla continued to be administeted by a British officer, and fifteen of the petty estates were managed directly by the Agency. The most important event of the year was the conclusion of a treaty between Government and the Bariya State, by which the latter engaged to abolish transit duties: another very satisfactory feature of the year was the cordial co-operation of the Raja of Bariya in the constraction of the Godhra-Rutlám Railway extension through his State. In spite of a fairly good season, there was an increase of crime; but the work of the police in detecting it and obtaining convictions of the guilty, as well as in recovering stolen property, was attended by more satisfactory results than in the year before, especially in Rájpipla, Sunth and Pánda Mowás. Civil litigation
further increased, but the number of cases awaiting disposal at the end of the year was slightly less than at the close of 1890-91. Especial progress was made in Rajpipla in educational matters, and in improving the means of communication; and this State, under the careful administration of a British officer, continued to be an example to those surrounding it of the results of good management.

The State of Janjira is administered by a Naváb or the model of the South Konkan: administration of a British district. The Victoria water works at Janjira drew near their completion; and reduced expenditure under this head, combined with an increased income, which may be partly ascribed to a fairly good season, resulted in a considerable improvement in the financial condition of the State. Though imports slightly diminished, there was a considerable rise in the total volume of trade. The Bombay District Police Act IV of 1890 was introduced, and generally the year was one of progress; while educational matters, in which a dccline was noticed last year, showed signs of recovery. The Sávantvádi State continued under the direct administration of the British Government. The crops suffered severely from an unfavourable season, which not only caused a decline in trade, but noticeably reduced the revenues of the State; and this, combined with a heary expenditure on the water-works scheme, resulted in a considerable deficit at the close of the year. It is satisfactory to note that, in spite of these adverse circumstances, there was no cessation in the remarkable strides that the State has been making in educational matters.

The Kolhipur State is, as regards population and revenue, the most important under the control of the Bombay Government. The Raja, who is still under elucation, visited Southern India during 1891-92; but the year was not marked by any other event of importance. It will, hatrever, be remembered in connection with the partial failure of crops in two talukas, where, although the distress was not very acute, relief works had to be opened. The distress was sufficient to effect an appreciadle increase of crime, the efforts of the police in dealing with which were not quite so successful as in the previous year. While the work of the Criminal Courts increased, that of the Civil Courts diminished, so that they were able to further slightly reduce the arrears of work; the average duration of suits, too, was somewhat lessened. A larger revenue from forests and the increased acreage of cultivated lands contributed to an improvement in the State revenue; while, on the other hand, the completion of the State Railway removed the necessity for further expenditure in that quarter, so that the financial results of the year were most satisfactory. The large number of patients treated at the various medical institutions shows that they are appreciated; but it is unsatisfactory to note that there was a further decrease both in the number of institutions for primary education and in the attendance at them. The condition of the Jághirs was generally satisfactory. The course of events which led to the transfer of the control of the Jath Ṣtate to the Political Agent, Kolhápur and Southern Maritha Country, will be referred to in the next paragraph.

During the year the number of States comprising the Southern Maratha The Soutbern group was raised to ten, by the addition of the State of Jath, and its dependency Martha Statea Daphlapur. The Chief of Jath had been previously deposed on account of the inefficiency of his administration": he was, however, reinstated conditionally upon a more efficient discharge of his duties; but as, in spite of repeated warnings, the Chief showed no improvement in this respect, the management of Jath, with its dependency Daphlípur, was in September 1891 transferred to the Collector of Bijípur, and in November to the Political Agent, Kolhápur and Ssuthern Maritha Country. Six of the remaining States are administered by
their respectite Chiefs, and the Chiefs of Miraj (Junior) and Rámdurg being minors, their States are managed by Kárbháris under the orders of Government. In all these Strtes, the season was an unfavourable one, prices of food-grains and fodder ruled high, and, in several, relief works were started to avert distress. These adverse circumstances were not attended by any remarkable increase of crime, though, taking all the States together, there was a slight increase in the number of offences reported to the police. Their success in dealing with them did not vary in any great degree from that attained in previous years. There was a noticeable increase in civil litigation in the Singli State, but in the majority of the others, the number of civil suits showed a decline. The revenue in most cases suffered from the effects of a bad season, and it is creditable that, in spite of this, expenditure on works of public utility very generally rose, a considerable portion of the increase being devoted to the institution of relief works. There is little to note in regard to educational matters: very slight increases. in the number of schools in some States wereaccompanied by corresponding de-creases in others; and no doubt, the number of pupils under instruction would bave been higher but for the adverse season.

Sind I Khairpar.
His Highness Mir Ali Murad Khín, the ruler of this State, was invested with the insignia of a Knight Grand Commander of the most Eminent Order of the Indian Empire at a Darbir held on the 21st November 1891 at Shikirpur and presided over by His Excellency Lord Harris, Governor of Bombay. No change occurred in the patriarchal methods of government, and there is little to add on this head to the remarks which have been made in the administration reports of many successive years. The returns, which have been supplied, show an increase in crime, but no details have been given of the financial condition of the State, ty shake the belief that it is heavily involved. Though the State employed three additional native physicians, medical relief, as well as education; continued to be in a very backward condition.

Friendly intercourse was maintained at Aden with most of the Arab tribes; the usual inter-tribal feuds continued, but no scrious trouble arose, and the caravan routes remained open. There was a considerable improvement in the volume of trade at Aden; and the increase in the number of shipping arrivals, both at this port and at Perim, indicated a prosperous year. The Somdli Coast Protectorate ports had little share in this commercial prosperity; for, though the total number of vessels, both steamers and native craft, calling at them showed an increase, there was a marked fall in their trade, accompanied by a reduction in the customs receipts. The decline extended equally to imports and exports, and the Berbera-Bulhar trade was thought to owe its falling-off, in some measure, to the cattle-disease prevailing in the previous year, which seriously affected the: traffic in hides, while at Zaila the decline was ascribed to the famine and misrule existing in Harrar. The Berbera plain and the caravan routes were practically free from disturbance, and the camel corps, whose formation has enubled the detachment of the Aden Troop to be finally withdrawn, were not required against raiders. There was no change in the limits of the British Protectorate: its influence was marked by the peaceful settlement of certain inter-tribal disputes, while the relations of Government with the tribes continued excellent. Crime slightly increased, but it was not of a serious nature. There were 86 boys on the register of the new school at Berbera; but, while the inlabitants of that place showed an inclination to avail themselves more freely of the medical relief offered, those of Zaila continued to be prejudiced against the introduction of vaccination.
triangulated to 300 square miles. Another party, at work in the Sonthern Marítha Country, surveyed 1,683 square miles, triangulated 1,810 square miles, and traversed certain British villuges. In addition, a survey of Kolhapur city and cantonment was carried out.

Tidal observations continued to be taken at the same stations as in the previous Tidalandlevelling year, and the tidal registrations at all of them, including the important permanent oparationa. station of Aden, where during the previous two years the.work was of a disappointing character, were very satisfactory. Preparations were being made for commencing tidal observations at Sibet, Bushire and Muskat. No levelling - operations were in progress in this Presidency during the year.

The survey parties in Gujarát, the Deccan and the Konkan completed the revenve measurement of $1,509,357$ acres, and the classification of $2,250,603$ acres. The Sarvey and area classed was considerably less than in the previous year, while that Settlement: measured was slightly more. The six parties of the Gujarit Survey were em- proper. ployed on revision survey and classification in Ahmedábád, Kaira, and the Cambay State. Most of the work done by the twenty field parties, which on the average constituted the strength of the Deccan branch of the Revenue Survey, was revision measurement and classification. But one party was temporarily engaged on original measurement in the Kurandvad (Junior) State, and original work of both kinds was done in Khindesh and in some few isolated villages elsewhere. The thirteen field parties employed in the Konkan were engaged exclusively on revision work.

Revised settlements avere introduced into 713 villages, of which 662 were Government villages. The estimated annual augmentations of revenue, which will accrue from these latter, amount to Rs. $2,06,352$, or 28.6 per cent. on the previous collections. The total cost of revision settlement operations up to the present time has been Rs. $50,64,541$, and the resulting increase in the revenue demand has been Rs. $28,95,904$, or 33 per cent. on the former revenue.

During the year the Sind Survey establishment carried out no regular sind survey work, but measured 313,371 acres in twenty talukis of various districts. No regular classification work was done, but the classers and measurers were employed in collecting information as to occupancies, facilities of irrigation, \&e. Proposals for the irrigational settlement of six tilukas were submitted, and that for the Thal talluka received the sanction of Government.

The Forest Survey party was divided into two sub-parties, of which one Forest Sarves. was employed on triangulation and traverse in the Northern Circle, and the other on similar work in North Kánara, and on topographical survey in Kánara and Kolába. The total expenditure on forest surveys amounted to Rs. 64,404.

The total cultivable area of land in the Presidency proper was about $26 \frac{1}{3}$ Cultivated lande. million acres; the transfer of the Karjat taluka from the Thána to the Kolába District caused a decrease in the Northern Division, and a corresponding increase in the Southern Division, while in the Central Division the afforestation of land in two districts led to the reduction of the cultivable area. The total area cultivated, however, in the Southern Division increased, and the transfer, above alluded to, caused variations in the cultivated area corresponding to the changes in the cultivable area in the Northern and Southern Divisions. The total area newly taken up during the year was 104,567 acres; more than half the land benefited by the drainage channels in the Jambusar taluka of Broach was under cultivation at the close of the year, and in several districts, such as Sholapur, Kolába and Ratnágiri, there was very little noccupied land actually ready for cultivation. For Sind trustworthy statistics are not available; but from such information as has been collected, it appears that cultivation is spread.

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Legislation.

Police.
ing generally, except in the Upper Sind Frontier and Shikarpur districts. The total number of occupancies in the Presidency proper and Sind was $1,415,618$; there was a decrease in the Northern Division and in Sind, but it was more -than counterbalanced by the increase in the Central and Southern Divisions At the same time the number of cases, in which it was necessary to levy distraint, was considerably under half the corresponding number in 1890-91; and considering the particularly unfavourable nature of the year under review, these results must be taken to indicate a satisfactory elasticity in the resources of cultivators.

The most important estates under the management of Government officers were those of the Talukdars, Thakors, and minors of Gujarit, in charge of the - Talukdari Settlement Officer. By far the greater number of estates in that officer's charge are situated in the Ahmedabád District, while the remainder are situated in the Broach and Kaira Collectorates. The Gujarist 'Talukdars' Act worked smoothly, the provisions, of which advantage was most commonly taken being those relating to partition and the borrowing of money on the security of estates: alienations of portions of four estates were sanctioned; in two cases the purchaser was a Talukdár of the same estate, in the third the property was a house, not land, and in the fourth the alienation was for charitable purposes. Thirteen new minolis estates came under management, but several estates were released, and considerable progress was made with the liquidation of the debt, in which the various estates in charge of the Talukdiri Settlement Officer were involved. With two exceptions, a satisfactory account was given of the progress of the education of the minors under the control of the Niilukdari Settlement Officer. A decision was finally arrived at with regard to the disposal of the Tálukdárs' Jubilee Fund: it is to be utilized in manintaining in Ahmedábád an institution, to be known as the Talukdars' Jubilee Memorial Institute, which will serve partly as an abode for 'Lalukdírs visiting Ahmedábad, and partly as residential quarters for Talukdars' sons attending schools in that city. Encumbered cstates in Sind remained under the management of the District Officers, and, out of forty estates under their control, ten were released from debt during the year. Other estates under the management of Collectors call for no special remarks.

Two Acts were passed by the Legislative Council and assented to by the Viceroy and Governor General during the year. They were Act No, I of 1891 to amend the Bombay General Clauses Act, 1886, and Act No. II of 1891 to amend the law for the periodical inspection and the management by competent engineers of boilers and prime movers in the Presidency of Bombay. The Bills pending at the close of the yoar were Bill No. 3 of 1891 to prohibit the practice of inoculation and to make the vaccination of children in certain portions of the Bombay Presidency compulsory, Bill No. 1 of 1892 to amend the

- Bombay Kbkári Act, 1878, the main object of which is to enable the Governor in Council. to prohibit or regulate the traffic and possession of mhowra flowers in the districts of Thána and Kolíba, and Bill No. 2 of 1802 to amend the Bombay Salt Act, 1890, by adding a proviso to Section 11 thereof (prohibiting the manufacture of salt without a license) to save salt on which duty has been paid.

The total strength of the police forces of the Presidency, including Aden, .was maintained at 22,964 officers and men, and at a cost of Re. 42,25,484. The cost of the B. B. and C. I. Railway police was, in spite of the addition to that railway of the Mehsána-Viramgam section, much smaller owing to the transfer of the Sábarmati-Roho section; but there was, taking all the police forces together, a considerable increase in both the strength and cost. There was very little difference in the percentage of educated men in the Mofussil police;
but the Railway police, except those of the B. B. and C. I. Railway, showed an improrement in this matter. The conduct of the Bombay City police, as gauged by the number of punishments and rewarils meted out, was better than usual, an expecially large number of rewards having been granted to them. The rewards distributed among the Mofussil police were also numerous; and the Aden. police were again well reported on, but there was little apparent alteration, either for better or worse, in the conduct of the Railway police forces.

The number of cognizable cases reported in the whole. Presidency, except Aden, was 47,927 against 50,380 such cases in 1890 . There was a considerable increase on the railways, the figures for the Rajputina-Malwa Railway being especially large; but in the Mofussil there was a decrease, to which the reduced number of robberies and thefts, as well as of offences under the Indian Penal Code, generally contributed, although there was no reduction in the number of dacoities," and offences affecting human life showed an increase of nine : in Bombay City, it is noticeable that the decrease, which occurred in cognizable crime, was confined to offences under laws other than the Indian Penal Code, and this was ascribed in part to the check given to gambling by continual raids upon offenders in this respect, and in part to the successful efforts made by various temperance societies to reduce drunkenness. A large number of cases were written off by the Magistrates as false; in this way, in the Mofussil alone, no fewer than 14,845 cases were excluded. The total number of persons arrested by the Bombay City, MIofussil and Railway police, in connection with cognizable crime, was 47,562, of whom 73.8 per cent. were convicted on trial, while in the previous year 49,130 persons were arrested, and of them $76 \cdot 19$ per cent. convicted. The value of property reported to be stolen within the Presidency during the year, including that stolen in cases pending at the close of the previous year,-was Rs. 1 t likhs, and of this Rs. $6 \$$ lákhs, of $43 \cdot 21$ per cent., was recovered. This was a distinct improrement upon the results of the previous year, when only 43.7 per cent. of the property stolen was recovered. The Bombay City Police continued to be the most successful in the detection of crime, and they procured the conviction of 92.47 per cent. of those arrested, against 94.67 per cent. in the previous year, and the percentage of recoveries of stolen property ( $51 \cdot 60$ ) shown by them was slightly better than in 1890 ; the Mofussil police recovered 48.3 per cent. of the property reported as stolen, against 42.6 per cent. in the previous year: the percentage of convictions to arrests, however, obtained by the Mofussil police fell from 64.5 to 61.5 . The Railway police procured the conviction of $71 \cdot 2$ per cent, of the persons arrested by them, against 67 per cent. in the previous year, but they only recovered $46: 11$ per cent. of the property stolen, against 46 per cent. in 1890 , the great improvement of the Southern Maratha Railway police in this respect being more than counterbalanced by the falling off of the police on the other railways. At Aden the total number of offences reported rose from 617 to 630, involving 960 persons, of whom 798 came up for trial. The percentage of convictions fell from 79.02 to 76.31. Property worth Rs. 2,032 wras reported stolen, and the police reoovered Rs. 564 , or 27.75 per cent., against 25.8 per cent in 1890.

The police of the Bombay Presidency, exclusive of Aden, were employed to investigate 1,926 non-cognizable cases. The responsibility, however, in connection with such offences rests rather with the Magistrates than the police, who, as a rule, have little to do with them. The majority are petty cases of hurt and the like, and are frequently withdrawn or compounded in the course of trial.

The number of male vagrants dealt with during 1891, was 121, or one more vagranise than in 1890 ; by far the largest proportion of those newly admitted were arrested in Bombay. Of the total number, sixty-two were discharged or removed, thirty-seren deserted, and twenty-two remained in the Workhouse at the close
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Chemical Analysia.
of the year. The total cost to Government of carrying out the Vagrancy Act, iocluding Rs. 6,178 the cost of the Workhouse, was Rs. 6,452, the lowest total for many years past. Of the four female vagrants dealt with, two were discharged to the care of friends. The health of both male and female vagrants owas good.

The total number of persons killed by wild animals rose from 47 to 8 ), and of those killed by snakes from 1,075 to 1,187 . The number of cattle killed by wild animals and snakes together rose to 28,207 . There was a slifht reduction in the number of animals killed and the rewards paid on that account : the decrease in the number of snakes destroyed was extremely large, and difficult to account for satisfactorily. 'The heaviest mortality from snake-bite, among human beings, occurred in Hyderibád, but that in Ratnagiri nearly equalled it;' the increased mortality among cattle occurred chiefly in the Central Division and Sind.

Though there was a slight reduction in the number of medico-legal cases, requiring investigation by the Chemical Analyser to Government, during the year, there was on the whole a considerable increase of rork. Samples from the Customs and A'bkúri Departments, samples of Government stores, and those of potable water all increased. There were 151 cases of suspected poisoning of human beings; and arsenic, as usual, was found to be responsible for the largest number of deaths. 'The number of cases of animal poisoning sent for examination was almost the same as in the provious year, but the number of those in which death was found to have resulted from poison was the largest on record.

The total number of offences reported during the year was 189,130 , of which 161,044 were returned as true: the corresponding numbers for the preceding year were 153,687 and 125,759 , respectitely? There was again a rer markable increase of upwards of $\mathbf{5 0}$ per cent. in the case of offences under special and local laws, more particularly the Bombay City and District Municipal Acts, and the District Police Act; but there was also an increase in the number of cases of hurt, theft, mischief, criminal trespass, and defamation, and of offences against public tranquillity ; while there was a satisfactory decrease in the number of cases of receiving stolen property and cheating : the increase of cases affecting human life was slight. The total number of persons under trial during the year, including those involved in cases pending at the close of the previous year, was 234,390 , of whom 130,892 were acquitted or discharged, 90,801 convicted, and the rest otherwise disposet of. Of the 202,514 persons under trial in 1800 , 121,513 were acquitted or discharged, 77,780 were convicted, and the remainder otherwise disposed of. The percontage of discharges or acquittals to the number of accused under trial fell from 60 to $59 \cdot 68$, and that of corvictions rose from 38.41 to $38 \cdot 70$, so that the proportion of acquittals and discharges to convictions was 60.62 during the year under report, as compared with 60.07 in 1800. During the year under review, 308 cases, involving 407 European British subjects, were brought to trial, and of these persons 356 were convicted, and 51 acquitted or discharged : the ratio of the number acquitted or discharged to the number convicted being only 13 to 87 against 17 to 83 in the preceding year. In all, 2,203 persons were under trial in the Courts of Session, and 84 in the High Court on the Original Side. On the Appellate Side of tho High Court, there were 26 cases, involving 37 persons, for confirmation of sentences of death besides the cases of; $\mathcal{C}$ persons referred to the Bligh Court by Sessions Judges. Of these 43 persons the sentences of death were confirmed in the case of 20 , while the Sadar Court in Sind similarly confirmed the sentence of death on 12 out of 10 persons involved in 13 cases referred to it. The High Court on its

Oripinal Side passed 5 sentences of death. No sentences of penal servitude mere passed, but 161 persons were sentenced to transportation, as compared with 218 in 10.5. The number of persons sentenced to imprisonment was 16,395 , or nearly the same as in the preceding year. Fines aggregating Rs. 4 lakhs were inflicted upon 70,141 persons; the amount in the previous year being Rs. 4 $\frac{3}{2}$ lákks impresal upon 57,116 persons. The number of persons sentenced to whipping fell from 727 to 699 ; of these 139 were juvenile offenders, apon whom sentence was passed under Section 5 of the Whipping Act for offences not punishable with whipping under Sections 2,3 , and 4 . The number of appellants and applicants for revision before the Courts during the year, exclusive of 244 persons whose casss were referred to the High Court for revision, was 9,261, and applirations involving 483 accused persons were made by complainants for revision. The appeals or applications of 2,654 were rejected ; in the case of $\pm, 131$ the sentence or orler passed was confirmed, and in the case of 1,551 reversed; and the remaining cases were disposed of in other ways.

During the year 1501 the total number of prisoners admitted to the jails Prisons. was 53,510 , of whom 30 per cent. were convicts; the admissinns of the previous ytar were 52,538 , with the same percentage of convicts. The average daily jail population slightly fell, but statistics show that this was not due solely to the infliction of lighter sentences. Sentence of death was passed on 59 convicts, an increse of 2 over the number in 1890 , and concurrentl $\delta$ with an increase of 75 per cent. in the number of sentences to terms of imprisonment exceeding ten years, there was a falling off from 255 to 172 in the number of sentences of transportation. There was no cessation in the steady increase in the number of releases on appeal. Twenty-eight escapes were effected during the year, and only 7 of the runawars were recaptured : an outbreak in the Ahmedábád Jail resulted in the death of 3 prisoners. The percentage of reconvicted prisoners (IJ) was nearly the same as in the previous year, but the increased number of those classed by the sentencing Courts as habitual offenders indicated greater activity in identification on the part of the police.

A considerable decrease in the total number of jail offences, and in the proportion of punishments to the average convict population was entirely due to 3 decline in offences relating to work; on the other hand, smoking and the possession of prohibited articles, a class of offences which can hardly be committed without the connivance of the prison staff, exhibited a noticcable increase. Thure was no change in the number of cases in which corporal punishment was inflicted, but solitary confinement combined withrreduced diet was resorted to in fewer instances, while each of these punishments separately, and the imposition of fetters, was made use of rather more frequently. The conduct of convict warlers was not quite so good as in 1890 . The percentage of convicts employed on mauufactures increased, while that of those on extra-mural labour decreased; but the latter form of employment, which gave a return of Rs. 25-5-2 per prisoner at work against Rs. $\cdot 21-5-9$ per prisoner engaged on manufactures, continued to be considerably more profitable financially. The total realizations from prison labour aggregated Rs. $1,46,080$, against Rs. $1,38,071$ in 1890 , and the total net cost of jails, including all charges, was reduced from Rs. 4,12,560 to Rs. 4,03,107, each prisoner costing Rs. 70-6-8.

Though there was a very slight increase in the number of deaths among prisoners there was a slight improvement in the general health, specially notierable in the case of the Deccan gang. Many jails were overcrowded during the year, but that overcowding was not the main cause of unhealthiness was shown by the fact that some of the jails, which were most continuously overcromded, enjored the greatest immunity from sickness. There was a remarkable
increase from 1,036 to 1,012 in the number of civil prisoners reccived in jail, attended with a corresponding decrease in the average cost per head.

During the year, 41 boys were admitted to the Yeraoda Reformatory School, 20 were released, 2 transferred, and 3 died, leaving. a total of 80 juveniles in the iustitution at the close of the yenr. The health of the boss was not so gornd as usual. While discipline improved, the number of punishments decreaved. Of 45 boys whose career subsequent to release was ascertained, only 2 were known to have returned to crime, while two were doubtful, two were at sclinol, and 31 were earning an honest livelihood. The employment of boys yielded a net profit of Rs. 891, and their maintenance per head cost Rs. 131.

Civil Justice.
The total number of suits instituted in all the Courts during the ycar 1891 amounted to 191,681 as compared with 202,166 in the preceding year. The decrease extended to most classes of Courts, except the Revenue and District Courto and the Courts in Sind, where there was an increase. Classification of the suits according to their subject-matter discloses a considerable decrease in suits on contracts in writing, in those for goods sold, in those for money had and received, in those on account stated, and in those for immoveable property; while there was also a decrease in those for arrenss of rent and others : on the other hand there' was a marked increase in suits on contracts not in writing, and a smaller increase in suits under the Specific Relief Act, in those for damages, in those for rent of property other than land, and in suits under Bombay Act III of 1876. A decrease in the value of the claims forming the subject-matter of suits instituted in the High Court sufficed to more than counterbalance the increase in that of suits filed in the Mofussil, and the aggregate value of the claims forming the subject-matter of all the suits fell from Rs. $327 \frac{1}{5}$ lakhs in 1800 to ${ }^{\circ}$ Rs. 308 lákhs in 1891. Altogethor 197,898 suits were disposed of in the several classes of Civil Courts as against 202,048 in the previous year, a smaller number being decided in all classes of Courts except those of District and Assistant Judges; but this decrease did not lead to an accumulation of arrears, and at the end of the year they had been reduced in number from 33,161 to 31,905 suits. The arrears of suits pending before the High Court, however, did not share in this reduction, but increased in number from 1,522 to 1,683 suits. The average duration of contested suits in.the High Court fell from $280 \cdot 4$ to 20,2 days, and that of uncontested suits was reduced by almost exactly half. The areraye duration of suits, both contested and uncontosted, decreased in the Mámintdárs' Courts, but genamally increased in all other classes of Courts. Besides the regular suits disposed of by the Civil Courts, they also decided 20,960 miscellaneous cases out of 24,357 which came before them, loaving. 3,301 pending at the close of the year. The total number of appeals before all the Appellate Courts durins the year under review was 11,457 , of which 5,075 were disposed of, while 5,182 remained pending at the close of the year. The number of applications for execution of decrees declined from 269,469 in 1890 to 267,850 in 1801, but judgment-debtors were arrested without being imprisoned in 3,611 cases; and they were actually imprisoned in 1,950 cases, while in the preceding year only 1,689 judgment-debtors were imprisoned and 3,197 arrested. The total amount recovered by all the Courts in exceution proceedings rose from Rs. 434 likhs to Rs. 43 likhs. The number of applications under Chapter XX of the Civil Procedure Code in the Mofussil was 354, as compared with 296 in 1890; and the number of such applications, in the four districts subject to the operation of the Dekkhan Agriculturists' Relief Act, was 31, or the same as in the provious year. In the Insolvency Court in Bombay the applications presented declined in number from 709 to $\mathbf{6 3 1}$. Such of the work of the Suloorlinato Judges as came under the notice of the High Court slowed that these officers, as
a body, discharged their duties with industry and intelligence; but the work in many Subordinate Courts is exceedingly heary, and cannot always be adequately performed by a single Judge.

The reduction, by one, of the number of additional Subordinate Judgcs, Dekkhan Agricombined with other causes, tended to increase the arrears in several Courts, though there was a reduction in the aggregate number of suits and applications. There was, however, a remarkable increase in suits against non-agriculturists, consisting chiefly of municipal suits in the Sholápur, Situtara and Tásgaon Courts. The percentage of cases which were contested stood at $34 \cdot 4$, the proportion of agriculturist cases contested continuing to be a good deal higher than that of non-agriculturist suits. The percentage of suits withdrawn and compromised again rose from 30.5 to 31 , while that of suits admitted again fell from 222 to 21.5 .

Conciliators settled claims of the value of Kis. 49,289 at Rs. 39,977 , showing an abatement of about 19 per cent. During the twelve years that the Act has beon in operation, the Courts and Conciliators have settled claims amounting to about Rs. 36 lákhs at about Rs. 25 lákhs. The number of applications made to, and disposed of by Conciliators alike decreased. Agreements were effected in a slightly smaller percentage of the cases disposed of. The investiture of Conciliators with special powers, under the amended Section 40 , led to consider- " ably better results, failure to attend before such Conciliators occurring in only 33 per cent. of the cases, as against 45 per cent. failures before Conciliators not so empowered. The number of Village Munsifs was reduced by two, and; at the same time, there was a reduction in the amount of work done by them. The number of applications for execution of decrees of all sorts showed an increase, which was accompanied by an improved percentage of recoveries. There was a slight reduction in the average duration of suits, but the percentage of costs on the value of the suits slightly increased. The system of refunding half the Court-fees in cases against agriculturists, when amicably settled at the first hearing, was in force in eleven tálukas where the conciliation system did not obtain, but only resulted in the refund of Rs. 969. During the year, a Commission appointed by the Government of India enquired into the system introduced and the results achieved by the Act.

Compulsory and optional registrations alike contributed to the increase of $7 \cdot 62$ per cent. in registrations under Act III of 1877. The aggregate stated value of the property affected by instruments reached Rs. $809 \frac{1}{5}$ lákhs, the average value per transaction was Rs. 486, and the average registration fee was Re. 1-11-9. 'The receipts of the department, owing to the rise in the number of registrations effected, showed an increase, as also the expenditure, the enhancement of the latter being a consequence of the increased receipts, which entailed a larger outlay under the head of commission on fees. The income of the depart- , ment exceeded the expenditure by Rs. 2,17,182; the corresponding figure in the previous year was ks. 1,98,510.

There was an increase of 6.44 per cent. in total registrations under the Dekkan Agriculturists' Relief Act, though there was a decrease in transactions relating to moveable property. The aggregate value of the property affected

Registration under the Indian Registration Act.

 calturists' Relief Act. ${ }^{\text {caltarit }}$
lákhs. The receipts of the year were Rs. 8,462 , and the expenditure Rs. 1,03!. The total surplus of the Registration Department from all sources stood at Rs. $2,08,224$ against Rs. $1,86,442$ in the previous year.

Local Boards' administration.

Sombay
Monicipality.

- The Local Boards of this Presidency continued to be of two classes, namely, District and Taluka Local Boards, and the constitution of both remained unchanged during the year, though the transfer of the Karjat táluka from Thána to Kolaba increased by one the number of Taluka Local Boards in the Southern Division, at the expense of the Northern Division. Where the condition and education of the inhabitants of the district or taluka concerned admitted of it, a portion of the members composing the Boards were elected, the remainder being. nominated. There were, in all, tweinty-three District and two hundred and one Táluka Local Boards in the Prosidency in the year under review. The total number of members serving on all the Boards was 3,487, or an increase of 57 over the number serving in the previous year. The third triennial elections were held in all districts of the Southern Division, and the proportion of voters, who attended the poll varied from 35.2 to 63.5 in the different districts. On the whole the number of meetings held by the various Boards was up to the average and there was a perceptible improvement everywhere in the attendance of members. The Local Boards had an opening balance of nearly Rs, 29 lákhs at the commencement of the year. The revenue, chiefly derived from the Local Fund Cess, amounted to Rs. $46,18,698$, and the expenditure for the year was. Rs. $45,20,742$, leaving a balance of nearly Rs. 30 likhs at the close of the year. Apart from the usual proportion devoted to education, the greater part of the expenditure was on the construction and maintenance of roads and the improve-: $\dot{m} e n t$ of water-supply ; and there was in the Southern Division an expenditure of Rs. 19,563 on famine relief.

The total revenue of the Bombay Municipality for the year under review, was Rs. $60 \frac{4}{s}$ lákhs, or Rs. $2 \underset{4}{4}$ lákhs more than in $1890-91$, and Rs. $3 \underset{f}{6}$ láhbs. better than the estimate. The chief heads of revenue, under which an increase was realized, were the general tax, the enhancement in which was due to the payment by Government of the balance of the amount due by them, in respect of their properties, for the past three years, the water tax, and the halílkhor tax, the increase in the latter being chiefly due to the levy of enhanced rates for special service. The total expenditure, exclusive of loan works, amounted to Rs. $56 \frac{8}{4}$ lákhs, being in excess of the expenditure of the previous year by Rs. $1 \%$ lákhs, but less than the estimate by Rs. $10 \frac{1}{2}$ lákes. The actuals were in all. cases less than the estimates, but the greater portion of the saving was effected in the Engineer's and the Health Departments. Nothing was borrowed from Government during the year under report, but loans aggregating Rs. $33 \frac{1}{2}$ lákhs were raised from the public for various purposes. The amount of debt repaid, .in $1891-92$ was Rs. $2 \frac{1}{2}$ lфkhs, as well as Rs. $14 \frac{4}{3}$ lákhs of interest, and the total amount repayable at the end of the year stood at Rs. $355 \AA$ lákhs. Of theamounts expended upon the various loan works during the year, the largest, Rs. 21 lakhs, was upon the Tánsa water works. The revenue Audit Department got through a considerable amount of work, in checking books and balances, examining claims for exemption, and scrutinizing licenses.

In connection with the drainage of the City, Government finally decided that the outfall should not be transferred to Colába; progress was made with house-connection work in various drainage sections. On the 31st March 1892, the Tansa water works were opened by His Excellency the Viceroy, and the regular supply of Tansa water to the City commenced from that date. These works, which are described in the body of this report, took six years to com-
plete, and cost nearly one crore and a half of rupees: their completion has removed the necessity for the maintenance of the Pawai works. Considerable expenditure was incurred in repairing the Bhandarwada and Malabar Hill Reservoirs, and in laying and renewing mains for the distribution of water.

There were 32 cases of buildings or parts of buildings collapsing, but they were fortunately nnattended by any fatalities: the Draft Building Bye-laws were being reconsidered with reference to certain amendments suggested by Government. The road from Jakaria Bandar to Sewri Cemetery was.completed during' . the year, and satisfactory progress was made with the construction of the new Municipal Offices. The Oity was lit partly by oil lamps, but chiefly by gas; snd the oil-lighting, which was carried out departmentally, was more satisfactory than usual. In all, 127 fires occurred during the year, but the damage caused: 2 was estimated at Rs. 75,903 only : considerable attention was given to the organization of the Fire Brigade, and various additions were made to the fireextinguishing appliances, while the men were carefully trained in their duties: for the loan of Rs. $5 \frac{1}{2}$ lakhs at 5 per cent. the Municipality substituted a loan of Rs. $4 \frac{1}{z}$ lákhs at 4 per cent., to meet the cost of providing Fire-Brigade quarters. The public health during the year was not so good as usual, and there was no reduction in the number of street accidents; but a more satisfactory feature of the year, from a sanitary point of view, was to be found in the completion of the Leper Asylum at Mátunga : it was opened for the admission of patients in November 1891, and bas already proved itself to be an extremely valuable institution.

The toptal number of District Municipalities was 185 against 184 in 1890-91. The increase of one was due to the establishment of new municipalities at

District
Municipalities. Bárdoli in the Surat District and at Otur in the Poona District, while the temporary Municipality of Shingnápur in the Sátára District was not established. Of the fifty municipalities in the Southern Division, eleven of those lately constituted were not in working order at the close of the year. The total number of members of all the municipalities rose from 2,366 in the previous year to 2,421 in the year under review. General triennial elections were held in nearly all the municipalities of the Central and Soutbern Divisions. The prescribed quarterly general meetings were held by all the municipalities but one in Sind, and by all but four in the Northern Division; no failures in this respect were reported from the Central Division, but several occurred in the Southern Division. The meetings were, as a rule, fairly well attended, but there were several exceptions in the Northern Division. The opening balances of all the municipalities together aggregated Rs. $18{ }^{1}{ }^{1} \sigma$ lákhs, their income was Rs. $42!$ lákhs, and their expenditure Rs. $45 \frac{1}{5}$ lákhs, leaving a closing balance of Rs. $15{ }_{T_{\sigma}^{\prime}}^{1}$ lakhs. The very large increase in the municipal income of the Southern Division was only nominal, being due to the inclusion of a Government loan of nearly Rs. $1 \frac{1}{2}$ likhs to the Hubli Municipality. The increase in the Central Division accrued from taxation of all kinds; in Sind it was due to a larger importation of taxable commodities into certain towns, and the levy of enhanced rates of fees, while in the Northern Division, in spite of an apparent decrease, there was, omitting the debt account, a considerable increase. The incidence of municipal taxation varied from Re. 1-11-5 in the Central to Re. 0-11-3 in the Southern Division : in both these divisions and in Sind it was slightly lower than in the previous year, while in the Northern Division it was higher. The greatest increase of expenditure was in the Southern Division, where much of it was due to an advance made by the Hubli Municipality, in connection with the construction of water works. In the Northern Division, expenditure on drainage in Ahmedábád and on roads in Broach accounted for a considerable increase. It was intended to devote the
large balances to: the credit of several municipalitics in the Central Division to water-supply and drainage schemes.

Marine: Bombay Shipping Office.

The total strength of the Bombay Army at the close of the year was 39,267 combatants against 39,503 at the end of 1890-91, hat the cost rose from Ris $277 \frac{1}{4}$ 16khs to Rs. 282 lakhs, chiefly owing to special expenditure in connection with field operations. An artillery practice camp, at which one horse and four ficld batteries attended, was formed at Kirkee in the cold weather; and three companies of Garrison Artillery went to Kirkee for annual practice in connection with the Camp of Instruction. At this camp, which was held during January 1892, besides the Garrison Artillery, there were four batterics of Artillery, three regiments British Iafantry, six regiments Native Infantry, three regiments Native Cavalry; , and three companies Bombay Sappers and Miners engaged. The duration of the gymnastic course was lengthened from one month to six weeks; this resulted in a slight decrease in the number of officers and men who went through it. Three classes of garrison instruction for officers were held at Poona; and sixty non-commissioned officers and men were taught military bridge-building. Owing to a change in the details of the practices for British troops, a comparison of the figures of merit recorded in the annual course of musketry in 1891-92 with those recorded in 1890-91 is of no value; but a higher general standard of merit was attained by Native troops. Among British troops there was a larger average number of men on the schools' books; but, while there was a slight improvement in the results of the examinations of British troops for school certificates, the percentage of the total streigth actually holding certificates was rather lower than in 1800-91. Eleven British non-commissioned officers and men passed language tests, against only four in the previous year. Among Native troops the average number of men on the books was smaller; fewer certificates were awarded, but the percentages of certificated men to total strength was slightly higher. Boyond a very slight outbreak of anthrax at the Poona Camp of Instruction, there were hardly any cases of infectious or contagious diseases among the horses. The utilization of Deolíli as a sanatarium for Mhow and Kampti was sanctioned. A trial was made of Chickulda, in the Central Provinces, as a sanatarium, but the results were not very satisfactory. The new Native Infantry lines under construction at Aden were nearly completed during the year. The Bombay Presidency Rifle Association meeting was held, for the first time, at "The Sisters" Range, Dhanowrie. The cost of maintenance of cantonment hospitals at thirteen stations amounted to Rs. 27,264; careful attention was given to sanitation generally.

Though the number of European seamen transferred from one agreement to another showed a decrease, they still formed the majority of the total number shipped and discharged. There was an increase in thë number of Native seamen shipped and discharged. The net revenue of the Shipping Office was in

- 1890-91 the largest on record, but in the year under report it was still greater.

Aden,
Shipping arrivals at both Aden and Perim were considerably more numerous than in 1890-91. There was a very marked increase in, the number of Native scamen engaged and disolarged.

Bombay Port Trust.

The accounts of the Bombay Port Trust showed a surplus of Rs. Is lakis, the revenue realized being the highest ewer known. Low rates for freight in Europe led to an increase in the number of steamers entering the port at the expense of country craft. Ground, warchouse and shed rents taken together showed an increase over the realizations of the previous year. : Twelve hundred vessels either entered the docks or were accommodated on the harbour walls outaide the docks. The net revenue from the docks alone, apart from any other
properties of the Trust, rose from.Rs. 8,36,639 to Rs. $10,66,989$. The total amounts spent on Prince's Dock and Victoria Dock had reached Rs. 87⿺ $\frac{1}{4}$ lákhs and Rs. $85 \frac{3}{4} 1 \mathrm{k} k \mathrm{k}$, respectively. During the year the debt to Government was reduced by Rs. $2 \frac{1}{2}$ lákhs; on the other hand, the Trustees received from Government, on account of the Victoria Dock loan, a sum of Rs. 2 lakhs. The Trustees' capital delt, thercfore, including amounts due to security and debentureholders, stood at Rs. 4,93,17,681. The revenue reserve fund amounted, at the close of the year, to Rs. $15,57,405$.

Both the income and expenditure of the Karáchi Port Trust were greater Karáchi Port than in 1890-91, the former amounting to Rs. $9 \frac{1}{2}$ lákhs and the latter to Trast. Rs. $5^{\prime}$ 'r lakhs. The largest increase of income was in connection with the Erskine Wharf; another item of increase ras pilotage, owing to the increase in all classes of vessels entering the port. An important work effected during the year was the deepening of the Entrance Channel so as to admit a larger class of vessels into the port. A somewhat smaller quantity of material was dredged than in the previous year owing to deeper dredging and harder material.

The accounts of the Aden Port Trust again showed a large deficit, and, Aden Port Tr owing to the heary charges on account of dredging, the Trustees had to draw largely on the Port Fund balance handed over to them on the formation of the Trust, reducing the balance in hand to less than Rs. $1 \frac{1}{2}$ lakhs. There was a slight increase in the total number of vessels entering the port, due to a larger number of merchant vessels calling; native craft, however, entered the port in fewer numbers.

During the year under review an "Agricultural Staff" with an organiza- Agricalture. tion similar to that of the staff already established in the Southern Division, was introduced into all the districts of the Central Division. The reduction of the Deccan Survey set free a number of subordinates, and many of these were taken on as circle inspectors, besides a large number of bhág kárkúns so utilized. Most of the time available was spent in properly organizing the department, in classifying the records, and in arranging for their accommodation. In the Southern Division, with the exception of Kolába, the agricultural staff was fully organized in the previous year, and no important changes were introduced. A number of members of the staff were detailed for special duty in the distressed talukas of Bijápur, Dhárwár and Belgaum, and for six weeks the Divisional Inspector was engaged in investigating the condition of the rayats, crops, and cattie in the areas suffering from scarcity. In both this and the Central Division survey classes were held for the instruction of untrained circle inspectors. The peculiarities of the Ratnagiri District necessitated a modification of the system in force elsewhere in the Southern Division: in two talukas the circle inspectors carried out a routine of crop and boundary-mark inspection, and in the rest of the district the men were employed by the Collector on such original work of the same nature as could be usefully made, and they were also engaged in the examination or preparation of census registers, and in measuring work. : Elsewhere in the Southern Division the staff was engaged in the regular crop, waste, and boundary-mark inspection work. The daily minimum of numbers to bé so inspected was originally fixed at 12 ; but this was, in practice, found to be excessive, and it was in the Belgaum, Dharwár, and Bijápur districts experimentally reduced to 10 and in Kánara to 8 . According to the rules, every village, in which Form 3 is kept, is to be annually inspected, but during the year under review, partly owing to special duties in the distressed areas, a considerable number of villages was not visited. Crop inspection was fair throughout, and compared favourably with the previous year, and, waste in-

[^1]spection was satisfactory, except in Kánara. In Dhárwár and Bijápur, the two districts where the agricultural inspectors have been longest at work, village crop registration showed considerable improvement, and in these two districts the work of village officers in inspecting boundary marks was slightly better, though everywhere, except in Kánara, their duties in this respect were ineffciently discharged.

At the Bhadgaon Farm, the rainfall, though it commenced late and was excessive in the middle of the season, was on the whole favourable. The principal crops on the farm yielded better than the average of the district, and the net profit per acre for the cotton crop tripled the profit of the preceding year. The Varidi cotton yielded the best results, and experience has proved the superiority of this variety, in outturn and profit, to all introduced varieties in Khándesh. The results of experiments with manures for cotton were inconclusive, but castor-cake proved itself the most fertilising for sugarcane, and ordinary farm-yard manure for wheat and jowari, and the sulphate of copper pickle was proved absolutely specific against smut in jowári. Potatoes failed altogether owing to disease; experiments showed that, generally speaking, ensilage is not profitable. The breeding herd of Mysore cattle, which does not pay its expenses, was reduced, and pony-breeding was abandoned as unsuited to the circumstances of the farm, but the flock of sheep and goats was improved by the addition of selected strains. The dairy herd at the Poona Farm was increased, and the interest of the experiments conducted during the year centred mainly round the fodder crops grown for their use. Of these lucerne, though second to guinea grass in yield, produced, owing to its high price, the largest net profit; but it is a delicate crop, and liable to insect attacks, whereas guinea grass is practically exempt from disease and insect pests, and grows well under shade. The sugarcane plots had not had time to show the value of the manures applied; the crop was attacked by the sugar-borer, and all the affected canes had to be cut and burnt. The study of improved potato cultivation was prosecuted, and measures to combat the prevalent disease were actively taken. The experiment with the Muzaffarnagar soft white wheat, in Thar and Parkar, was continued with decided success. This wheat ripens more quickly, gives a better yield, and fetches a higher price than the Sindi variety; but it cannot stand cold so well, and is more subject to the attacks of insects. In the Nára valley the DharwarAmerican cotton promised to give excellent results; but in the Presidency proper, the American cotton failed to establish its superiority to the indigenous. growths. Considerable attention was paid during the year to the export of bones and their utilization as manure. Definite conclusions as to their value as manure had not been reached, and, though the caste prejudice against them is dying out, their use was very limited. Experiments in arrowroot,and coffee were continued in Ratnágiri; the Borneo tobacco on the Nadiád Farm did well, and experi-: ments with indigo were persevered with in Junágad.
Adrances to Cal- The total amount advanced during the year to cultivators by Government tivators. for the purchase of seed and cattle was Rs. $1 \frac{1}{4}$ lakhs, against little more than half a lakh in the previous year; while the aggregate amount adranced for permanent improvements rose from Rs. $1 \frac{1}{s}$ likks to the large sum of Rs. $7 \frac{8}{4}$ lákhs. The increase was almost universal throughout the Presidency, and while the steps taken by Government to simplify the procedure and to make more widely known the advantages of the system gave a general stimulus to the demand for loans, the effect of these measures was enhanced by the prevailing distress in portions of the Southern Maratha Country and the Deccan: and the special value of the takávi system in times of scarcity was signally exemplified during the year under revier.

There was a decline in the number of cattle throughout the Presidency, except Agricaltural stock: Sind, for which no trustworthy statistics are available. In the Northern Division the decrease was almost entirely confined to Thána, where it was ascribed to the cessation of operations in connection with the Tansa water works; the same cause was responsible for the reduction in the number of carts in that district, while the opening of work on the Godhra-Rutlam line produced a more than counterbalancing increase of carts in the Panch Mahals. The decline in the number of cattle in the Central Division occurred chiefly in the Sholápur, Sátára and Ahmednagar districts, and want of fodder was undoubtedly responsible, though its effect was enhanced in the last-named district by severe cold, which accompanied a violent and prolonged storm. In the Southern Division, the scarcity of fodder proved advantageous to the below-ghit districts, where the number of cattle, as well as of carts, increased at the expense of the above-ghat districts. Both in this and the Central Division, the hardy qualities of goats were shown by the fact that, while the numbers of sheep and cattle were visibly reduced by drought, goats multiplied as usual, in the affected districts, as well as elsewhere.

Though there was a slight increase in the number of Government stallions serving in Beluchistán, there was, on the whole, a decrease in the total number of those under the supervision of the Superintendent, Horse-breeding Operations. There was an improvement in the percentage of produce foaled to mares covered, but a rise in the total number of registered branded mares was accompanied by a falling off in the number of those covered. The results of the Jear's work show that there is room for considerable progress. Mule-breeding operations in Sind were productive of improved results, but in the Presidency proper practically no start has yet been made. The cost of the department fell from Rs, 68,502 to Rs. 66,767.

Four shows were held in the Presidency during the year, at Poona, Ahmed- Shows. nagar, Ahmedábád and Shikárpur. At the Poona Horse Show there was a falling off of exhibits; and the fact that more than one-third of the prize-money advertised was withheld, evidences the generally poor quality of the animals sent. The Horse and Cattle Show and Agricultural Exhibition at Ahmednagar attracted a larger number of exhibits than usual, but branded mares and yearlings were the only classes of horses that were of good quality, while the cattle were indifferent, and the agricultural produce exhibited was no better than that ordinarily for sale in the bazars. In future, this show will be amalgamated with the Poona Horse Show. The Ahmedábád Horse Show was also successful so far as numbers are concerned, but the promise of 1891 was not fulfilled in regard to quality, and the exhibits were for the most part poor. The Sind Horse Show was held at Shikar"pur, and though the comparatively small number of exhibits rendered it doubtful whether it would not be advisable to permanently localise the show at Jacobabad, the quality of the exhibits was better than at any previous show in Sind. The brood mares and mules were particularly good, and the young stock, from which several animals were purchased by the Remount Department, was excellent.

There was no change in the number of observatories under the control of Meteorology. the Meteorological Reporter for Western India. In addition to the daily or periodical reports received from the observatories, copies of the daily rainfall at more than 400 stations in the Presidency were received and filed for reference. The work of preparing and publishing the Bombay daily report and chart was continued as before, and warnings of the approach of storms were regularly issued for the benefit of the mercantile community. The year was marked by
an unseasonable distribution of rainfall throughout the greater part of the Presidency. It resembled in some respects the year 1877, and although it was not one of intense famine, it will be remembered as a year of sevore drought. It presented several features of scientific importance, such as a high barometer in June, a relatively low barometer in July and an unusually late commencement of the monsoon rains on the West Coast of India.

## Season and Crops.

 mencement and the early cessation of the monsoon rains throurhont the Presidency proper; the crops were in consequence almost everywhere below the average, while in portions of the Central and Southern Divisions grave scarcity was felt. In Sind the inundation was short in duration, and the consequences were enhanced by the general poorness of the rabi crops, owing to the extreme scantiness of the rainfall. In portions of the Upper Sind Frontier and the Thar and Párkar districts these unpropitious circumstances were so aggravated that there was an almost complete failure of the crops. In the Northern Division the season was better than elsewhere, for in spite of the poor returns of the rabi crops, owing to the early cessation of the rains, the downpour was so heavy, during the short time that it lasted, that it both ensured a successful kharif crop, and brought the actual amount of the rainfall above the average. In the Central Division, the rains were capricious and below the average, and in the Khándesh, Násik and Almednagar districts the kharif orops were poor, and owing to the want of rain in the latter part of the season the rabi crops were worse, while these results were accentuated in the Poono, Sholípur, and Sátara districts. In the Southern Division, the monsoon presented similar features, and the Belgaum, Dharwar, and Bijapur districts suffered so severoly that it becanio necessary to notify a considerable tract of country as a famine arca and to apply the provisions of the Famine Code. In Kánara the season was more favourable, and the crops were quite as good as usual; but in the other below-ghát districts the crops, though fair, were hardly up to the average.Prices.

Vages.

The effects of the generally poor season were visible in the almost universal rise in the prices of agricultural produce, and more especially of food-grains : almost the only exceptions were in the cases of cotton and some of the coarser classes of rice and other food-grains, which are not in demand for export.' It is noticeable that, while in Karáchi prices underwent little change, they were ligher than usual elsewhere in Sind; the dearness of food-grains being accentuated in those areas where, as noted in the preceding paragraph, the failure of crops was most marked ; in contrast to this variation in prices in different parts of Sind, the rise in the prices of food-grains in the Presidency proper extended to every district, and it was especially ascribed, in the Northern, Division, to the large exports to other parts. of the Presidency. If it had not been for this extraneous supply of food, the distress in the affected areas would have been far more acute, and there could be no better evidence of the advantage, in times of scarccity, of the facilities of communication, which have beea so widely extended since the famine of 1876-77.

Owing to the high rate of wages obtaining in Karjat, on account of the demand for unskilled labour on railway works, the transfur of that taluka incroused the average of wages obtaining in the Kolába District, while in the Thána District, owing partly to this cause and partly to the completion of the Tánsa water works, the average rate slightly fell. A temporary influx of Mirwaris into Thar and Parkar slightly cheapened unskilled labour in that district, and the prevailing scarcity in the Belgaum and Bijifpur districts had a similar effect there, while a contrary result was tomporarily produced in Broach eity by tho
demand for labour in consequence of the collapse of a large number of housea, There were no other variations of importance; and, while the lowest rate quoted was one anna for unskilled labour in the Central. Division, the highest wages obtaining continued to be Re, 1-4 for skilled labour.

The total area of State forests in the Bombay Presidency, including Sind, Forests, was at the close of the year under review 14,519 square miles, or 59 square miles less than in the previous year. Of the whole area, 10,321 square miles were reserved forest, and the remainder protected. There was a net decrease of 137 square miles in the forest area of the Northern Circle and an increase of 81 square miles in that of the Southern Circle, but 72 square miles of. the increase in the Southern and of the decrease in the Northern Circle were accounted for by the transfer of the Karjat tálnka from Thána to Kolála, while the other alterations in the area were due to ordinary disforestations and additions: about half the small decrease in the forest area of Sind was due to a portion of the Magsi forest being washed away by the river. In the Southern Circle, settlement proposals in regard to $190 \frac{1}{2}$ square miles in the Kinara District and two tilukas of the Belgaum District were submitted during the year, and those for about 87 square miles in Kánara were ander preparation, while with reference to 14 square miles in the same district notifications under Section 4 of the Forest Act were promulgated. In the Northern Circle, forest and waste lands to the extent of 548 square miles, provisionally notified under Sections 4 and 28, were still undergoing settlement enquiries; and, in Sind, draft notifications were submitted with regard to 80 square miles. The work of the Forest Survey Party has been noticed elsewhere. The total number of prosecutions for forest offences in the whole Presidency, including cases pending from the previous year, was 1,756, against 1,760 in $1890-91$, and the number of cases compounded under Section 67 of the Forest Act rose from 12,969 to 15,881 , an increase of 1,086 occurring in the Sind Circle and of 2,075 in the Northern Circle, while in the Southern Circle there was a decrease. Working plans and map work were undertaken, and 53 square miles in the Poona and Thána divisions of the Northern Circle and 116 square miles in the Southern Circle were dealt with. The concession of free grazing, allowed in 1890-91, to all agricultural cattle in rillages that had contributed "gairin" to the formation of forest reserves, was taken advantage of by people to some extent in almost all the divisions of the Northern (ircle, and in the whole Presidency free grants of tim: ber were made to the value of Rs. 18,237 . The progress of reproduction, both natural and artificial, was very satisfactory, and considerable additions were made to the area under plantations in the Northern Circle, while several interesting experiments were being conducted in the Southern Circle. The measures taken for the protection of forests from fire were less successful in Sind than in the prerious year; in the Southern Circle, in spite of a very dry year, the results were more favourable, and in every district of the Northern Circle, except West Khándesh and Surat, fire conservancy showed marked improvement. Several roads to facilitate the exploitation of timber were completed or under construction during the year in the Northern and Southern Circles, and the usual repairs to other existing roads and buildings were effected. An increase in both the gross. and net receipts of the Sind and Northern Circles was more than counterbalanced by a decrease in those of the Southern Circle. This decline in the revenue was due to a failure of sales of timber owing to the scarcity prevailing in the plain districts, and there was also a reduction in the revenue from fuel supplied to the Southern Marátha Railway Company. Larger receipts from grass and grazing, aided by succeesful sales of timber, accounted for the increase in the income in the Northern Circle, while in the Sind Circle the improvement was due to a larger.
sale of firewood and the extensive demand of the Bombay Ordanace Factory for timber. The total net revenue from the forests in all three circles fell from Rs. $14 \frac{1}{3}$ lakhs to not quite Rs. $13 \frac{8}{3}$ lakhs in the year under review.
Manufactares and - On the 1st January 1892, the Amended Factories Act XI of 1891 came into Indnstries. force. The number of factories in existence at the close of 1891.92 was 115, or an increase of 24 over the corresponding number in the previous year. Children under fourteen years of age were employed in 62 mills, but no prosecutions had to be instituted for any contravention of the Act. Each of the textile and non-textile factories was visited by the Inspector at least four times during the year. The number of accidents was almost the same as in 1890-91, but a larger proportion of them were serious : only four deaths, howeyer, occurred.

During the year under review, the New Boiler Inspection Act II of 1891 was passed, and it came into force on the 18th January 1892; its provisions were also extended to the district of Hyderabad in Sind. The Inspectors examined altogether 1,335 boilers, against 1,209 in the previous year. With the exception of one fatal accident, the year was free from casualties. During the year there was a large increase both in the number of candidates for the Engineer's Examinations and in the amount of fees received from them, as compared with the previous year. The Boiler Fund continued prosperous, and the year's surplus added to that of the preceding year raised the balance to the credit of the fund to Rs. 36,239 .

A report was received from the Committee of the Bombay Mill-owners' Association, dealing with the year. ending 31st December 1891, together with a ${ }^{\text {' }}$ statistical table of cotton spinning and weaving mills working in India* on the 30th June 1892. The year was a good deal less favourable for the cotton mill industry than its predecessor, but an encouraging feature was the continued improvement in the exports of yarn to China. In the shipments to Japan, however, where local yarns have largely superseded Bombay spinnings, a further serious falling off occurred. In the same way, while Japan took no Bombay made cloth, exports of that article to China considerably improved, concurrently with a fall in the shipments of cotton piece-goods from the United Kingdom to that country. In consequence of the depressed state of the market, the Association adopted during the last three-and-a-half months of the year a short-time movement, and the terms of the compact were almost unanimously observed. The number of mills and the number of spindles and looms, in existence in the Presidency increased; a slight decrease in the number of spindles up-country being more than counterbalanced by the larger number in the town and island of Bombay. The Amended Indian Factories Act, which came into force from January 1st, 1892, met with no opposition from the Association, and the Boiler. Inspection Act, to which in its draft form various objections were taken by the

- Association, was eventually passed in a form which met with its concurrence.

The chicf industries in the Bombay Presidency other than the cotton mill industry and agriculture, were the manufacture of salt and the distillation of liquor, both of which are separately dealt with; the remaining industries are comparatively unimportant. In Ahmedíbád the kinkháb and síri manufactures and in Kaira those of soap and glass, and the preparation of tobacco for export continued to be carried on. The iron foundry started at Nadiád in the previous year gave employment to only twenty-eight hands. The Deccan Brewery at Dápuri, in the Poona District, suffered from competition; but though the outturn of the Reay Paper Mills was of smaller value, the profits of the Company suffered no diminution. The silver art ware of Ahmednagar was reported to be improving in quality and to be in greater demand, but little progress or orisi-
nality was exhibited in the various trades of Surat, and, generally speaking, the other industries in the Presidency proper were small, and of purely local interest. In Sind, the bone-crushing trade continued to expand, and in exports to Europe a further increase occurred.

The most marked features of the year's trade at the port of Bombay were Trade: the large increase in exports of grain, and the decline in exports of raw cotton : Bombay. while imports of cotton piece-goods and cotton twist and yarn also declined considerably. The value of the sea-borne trade of the port, exclusive of Government transactions, reached 983 crores of rupees, which, though it was 6 crores less .than the corresponding value in 1890-91, was still in excess of the average of the past five years. Foreign trade, as a whole, fell from $84_{s}^{2}$ to 80 crores of rupees; but for this, imports, which declined by $8 \frac{4}{3}$ crores, were entirely responsible, for* exports increased by 33 crores of rupecs. Six and a half crores of the decrease in imports were in treasure alone, while most of the remaining decrease was due to a decline in imports of cotton piece-goods and cotton twist and yarn; there was also a decline in sugar, coal, and railway plant, but an improvement showed itself in the imports of raw silk, silk piece-goods, copper, provisions, and grain. The improvement in exports was almost entirely attributable to large shipments of wheat; but there was a heavy decline in exports of raw cotton, which, following upon a similar decline in 1890-91, is a fact of serious import, unless it is to be accounted for by increased local consumption. Considering the trade, distributed by countries, one of the most noticeable features was the heavy decline in imports from the United Kingdom, but there was a very large increase in exports to that country as well as to France. . In the case of both these countries the article mainly responsible for the enkanced value in the exports to them was wheat, the shipments of which to France were more than five times as much as those of the previous year. The enormous demand for this and other grains in Europe was caused by the famine in Russia , and is not likely, therefore, to be more than a temporary movement. Cotton goods and railway plant were, apart from treasure, among the articles in the imports of which the largest decline occurred; and, while the large stock on hand at the beginning of the year, together with the unfavourable rate of exchange, was assigned as the principal cause of the diminished imports of cotton goods, the completion of two railways in India accounted for the slacker demand for railway plant in that country. Among other articles of import, the decline in that of coal was due to bad rates for freights ruling in the United Kingdom, and to the large stocks on hand at the beginning of the year, while the diminished imports of sugar were mainly due to the unfavourable rate of exohange. The increased exports of wheat have been mentioned above; but the contraction of the export trade in raw cotton was noteworthy: for it affected the trade with almost every country, while the increased exports of it to Japan, where the larger. demand was due to the local manufacture of yarn, was counterbalanced by a diminished demand for Indian cotton yarn in that country. The aggregate value of the coasting trade fell from $20 \frac{1}{3}$ crores to $18 \frac{8}{3}$ crores of rupees. Here, too, the imports, as well as the exports, of treasure ex libited a decline; and while the imports of merchandise fell from $11 \geqslant$ crores of rupees to a little under. 10 crores, exports of merchandise rose from $7 \frac{4}{5}$ crores to 8 crores of rupees.

The total value of the sea-borne trade of the port of Karáchi rose from Earáchi. IRs. $1,2+2 \%$ lakbs to Rs. 1,561 likhs, and to this increase of over 25 per cent. forcign trade contributed three crores of rupees, and coasting trade a quarter of a crure. There has been no break in the continuous rise of the total volume of
trade at this port since 1887-88, when it amounted to only Rs. $8 \frac{4}{5}$ lákhs. Ther was an almost universal increase in imports of foreign merchandise, with thi exception of articles liable to duty, while the exports of Indian merchandis .exhibited a similar increase, in spite of a reduced export of rice, the single duti able article. Both the imports and exports of treasure were of an enhanced value the increase in its exports being due to the large imports of dates and ghi fron the Persian Gulf ports, which necessitated heavy remittances there. The valu of articles received from, as well as of those shipped to, the United Kingdom wau higher ; but the most remarkable increase of imports occurred in trade with Arabia, the Mauritius and Persia, while the export trade with Germany was nearly 150 per cent. greater than in the previous year. The most noticeable features ir the improvement of the coasting trade were an increase of 232.20 per cent. in imports of merchandise from Bengal, and an increase of 153.22 per cent. in exports to Madras.


#### Abstract

Aden. An unprecedentedly good crop of coffee in Yemen, in conjunction with the troubles in Brazil, was the chief cause of the increase from Rs. 645 lakhs tc Rs. 753 lakhs in the value of trade at Aden. Direct steam communication however, between India and the Red Sea pocts continued to reduce the expori trade of Aden with those ports, while on the othor hand there was, probably owing, in some measure, to more accurate observation of the trade routes, a further increase in the land trade. The improvement in the total value of trade was common to both foreign, Indian, and inland trade, though more particularly marked in the case of the former. The largest increases in exports were to the United States and Arabia, and it was in trade with the latter country that the greatest improvement in imports occurred. While trade in coffee, as noted above, very largely improved, that in raw hides diminished, in consequence of the cattle-disease in Somali land during the previous year; and in spite of a slight recovery in the shipping trade of Aden, the traffic in coal continued to


 decline.The total expenditure of the Public Works Department on civil works amounted during the year to Rs. 62: lakhs, against Rs, $60 \frac{1}{4}$ lakhs in 1890-91. Of the total amount a liftle less than Rs. 3 lakbs were expended from Imperial Funds, and not quite Rs. 39 lakhs from Provincial Funds, the remainder being made up from contributions and Local Funds. The whole of the Imperial charges (Rs. 3 lákhs) were under the head civil buildings, on which Rs. 2: likhs were expended from this source in the previous year. No new works of any magnitude were carried out, :but certain additions and alterations were effected at the Bombay Mint and General Post Office; the needs of the Forest and Customs Departments in the matter of accommodation were attended to, and steady progress was made in meeting the most urgent wants of the Salt Department by providing roads, custom-houses and nákas, and quarters for the establishment, and by improving the water-supply. For the rest, the most important works were those on the Somali Coast, where the water-supply of Berbera and Zaila' was attended to, as well as the protection of those towns from floods, while a Residency was built at Bulhar, and that at Berbera was added to, and progress was made in providing prison, police, educational and medical accommodation. The outlay on civil buildings from Provincial Funds, Local Funds, and contributions was Rs. 254 lakhs against Rs. $25 \frac{1}{2}$ lakhs in the previous year: considerable expenditure was incurred in constructing and repairing mímlatdars' kacheris; the new revenue offices at Broach were practically finished ; accommodation for the Revenue Survey records was provided
at Belgaum and Dhárwar, and the water tower for the State and Alienation Record Office at Poona was completed at a total cost of Rs. 1,44,223. Among the kacheris and bungalows for Revenue and Political Officers, on which work was in progress, some of the most important were the offices for the Collector at Dhirwair and at Alibág; Secretariat offices at Mahábaleshvar were completed, and improvements were effected to the Government House and Commissioner's Office at Karichi. The new distillery at Dhulia was completed at a total cost of Rs. 1,14,239, and that at Surat at a cost of Rs. $1,00,634$, and the mniutenance of buildings of archreological interest at Bijápur and Ahmedábad was provided for. The drainage of the High Court building was improved, and additions. and repairs to Judges' Court-houses and bungalows were carried out in various districts, and new Subordinate Judges' Court-houses, on the standard plan, were. completed at Dhandhuka, Milegaon, Málvan, and Sujáwal. The construction of the new Central Jail for Gujarit, on the right bank of the Síbarmati river, opposite Ahmedábid, was pushed on vigorously, an expenditure of Rs. 1,98,184 having been incurred during the year, bringing the total outlay up to Rs. $2,86,182$ against the estimate of Rs. $5,41,714$. Additions and alterations to the Subordinate Jail at Sútára were completed, and work was commenced on the Few Central Jail for Sind at Hyderábéd, which is estimated to cosí Rs. 4,56,040, while the accommodation of the Karachi Jail was improved. The total expenditure incurred during the year towards securing suitable accommodation for the police in various parts of the Presidency was Rs. 1,83,616. Among educational works in progress the most important were the improvement of the drainage of the Sir Jamsetji Jijibhoy School of Artand the Reay Art Workshops, alterations at the Elphinstone Middle School, the provision of accommodation for the Principal of the Deccan College, and the construction of the Imperial Bacteriological Laboratory attached to the College of Science, Poona; while expenditure was also incurred on numerous other educational buildings in Bombay and the Mofussil. Of medical works, progress was made with the St. George's Hospital, Bombay, and the total outlay up to the close of the year was Rs. $4,20,009$, against the estimate of Rs. $6,18,786$; accommodation for the nurses at the Sassoon Hospital, Poona, was extended, and the Sir Dinshaw Maneokji Petit and Bái Motlibáii Hospitals, Bombay, were completed at a total cost of Rs. 98,859 and Rs. $1,33,724$, respectively; besides these, work was in progress at a large number of Civil Hospitals and Dispensaries, and other medical institutions throughout the Presidency.

The total outhay under the head communications was Rs. $29 \frac{1}{10}$ lákhs, against Rs. 27: lakhs in 1890-91. Among the most important works in progress was the road from Dhansura to IIarsol in the Ahmedábád District, which was completed with the exception of the bridge over the Mahajam river ; the iron bridge over the Sábarmati river, estimated to cost Rs. $4,58,400$, was pushed forward, and an expenditure of Rs. $1,77,493$ was incurred during the year, bringing the total outlay up to Rs. $3,75,079$; the iron bridge over the Dhidhar river, on the BroachJambusar road, was completed at a total cost of Rs. 1,43,230; expenditure on the Dáhánu-Jawbír road in the Thána District had reached Rs. 2,09,519, and the Provincial section of the Vada-Shirghat road was completed at an outlay of Rs. 1,73,047: progress was made with the work on the Dondaicha-Sháháda road, and the expenditure had reached Rs. $1,00,517$, while up to the close of the year Rs. $2,83,996$ had been spent on the Nipáni-Mahálingpur road, and Rs. 3,53,980 on the Gokik-Navalgund road. Work upon a large number of other roads, both in the Presidency proper and in Sind, was steadily going forward, and a statement, suowing the length of road lines open throughout the Bombay Presidency, will be found in the statistical portion of this volume. Several dharmshálas were built for the accommodation of travellers, and the planting and preservation of road-
side trees on the Provincial roads received the careful attention of the department in every district.

The outlay on miscellaneous public improvoments was Rs. $5 \not \downarrow$ líkhs against .Rs. $5 \frac{1}{2}$ lákhs in 1890-91; the operations included the completion of repairs to the Broach City walls, and of the Dutch Bandar wall at Surat, while progress was made with the protective works to exclude floods from the city of Surat. Besides numerous smaller works throughout the Presidency, the Victoria Jubilee water works at Janjira and the water works at Ahmedábd were completed during the year, while those at Dhulia and Hubli were vigorously pushed forward. These as well as the drainage works in progress are noticed elsewherc.

Famine relief operations were undertaken by the department in the Bel-* gaum, Dhárwár and Bijúpur districts. Two camps were opened in Belgaum, improvements to two village tanks in Dhárwár were effected, and work was given to the unemployed on three roads in Bijápur.

A question regarding the loss to Provincial rovenues caused by the transfer of military works at the larger stations in this Presidency to a separate Military Works Department was raferred to the Secretary of State for India. Twelve stations remained under the control of the Public Works Department, and the gross outlay during the year amounted to Rs. $2 \underset{f}{\text { fákhs. Improvements were }}$ effected to theSection Hospital and to the Native Infantry Hospital at Alimednagar and the stables and the old cavalry lines were repaired for the use of the Army Remount Department. Repairs to the barracks at Purandhar and Khandála were carried out; a new small arms magazine was under construction at Bhuj; a quarter-master's store-room was completed at Sátára for the Native Infantry Regiment, and ten blocks of latrines were built. The works for the supply of , water to the Native troops at Kirkee were completed, and the Páshin Tank works were maintained in an efficient state, while the question of water-supply received attention at other cantonments. Improvements to the fortified post at Ahmedábád and to the hill-fort at Sátira were in progress during the year.

Progress was made with the extension of the lines of railway under the control of the Bombay Government, and the total length of line open for traffic increased from $5,548 \frac{1}{\$}$ miles to $5,617 \frac{1}{\ddagger}$ miles; the principal additions being the Kolhápur State Railway, the Mysore Railway extension from Mysore to Nanjangud, and the Pátín branch of His Highness the Gúekwar's Mehsína Railway: besides these there wete 220 miles undor construction, including the Godbra-Rutlam Railway, the IIyderabad-Umarkot Railway and an extension of the Bhávnagar-Gondal-Junágad-Porbandar Railway from Jctalsar to Rájkot. There were also 8091 miles of line surveyed, or under survey at the close of the year, the most important project being the Tapti Valley Railway, surveys of portions of which were begun.

During the year, 165 persons were killed and 422 injured, showing an increase over the figures of the previous ycar, partly due to a fatal accident near Kápri Station on the G. I. P. Railway, whereby 18 persons lost their lives.

The subscribed capital of the G. I. P. and B. B. \& C. I. Railways was over thirty-four millions sterling, that of the former railway being increased by the issue of $3 \frac{1}{2}$ per cent. debentures amounting to $£ 331,300$. The combined capital of the Southern Marátha and Mysore Railway system was over seven millions sterling, while the capital outlay on the Dhond-Manmád Railway, the Berár Railways, the Rajputanna-Málwa Railway, the Bhávnagar-Gondal-Juná-gad-Porbandar Railway and the Morvi Railway aggregated nearly $16 \frac{1}{2}$ crores of - rupees.

Very large traffic was carried by most of the railways, and the rear was much more prosperous financially than its predecessor. The net earnings of the G. L. P. Pailway increased by Rs. $4 . \frac{2}{4}$ liths, the large exports of wheat to Southern Eurove producins a traffic which was only once before, in 1555, equalled on this railway; the net earnings of the B. B. \& C. I. Railway in-' cruasad by orer Rs. 8 lakhs, those of the Piojputána-Málwa Railway by nearly Pas $30 ?$ Likhs, and those of the Southern Maratha Railwas system by over RLs. $\times 1$ liskhs; heary working expenses, necessitated by damage caused by destructive flonds, accounted for a reduction in the net earnings of the Gaekwar's Dabhoi Piilwar, and of the Bhárnagar-Gondal-Junágad-Porbandar Railway.

The milenge of telegraph lines was increased from $\mathbf{5 , 1 3 0}$ miles to $\mathbf{5 , 3 5 9}$ Telegraphs miles during the year, and that of telegraph wires from 19,864 miles to 20,363 miles. At the end of $1590-91$ there were 262 telegraph offices, of which 4 were closed during 1591-92, while 19 new offices were opened, making a total of $2 \% 7$ at the end of the year. The Indian share of collections at Government offices amounted to Rs. $14,73,098$, the slight improvement over those of the previous year being due to increased traffic. In the Persian Gulf section the revised regulations adopted by the International Conference of Paris in 1590 were brought into force. Increased traffic resulted in an enhancement of Ps. 1,91,356 in the revenue. The large percentage of messages despatched by the Teherán, as opposed to the Turkish route, slightly diminished.

The most important change in the administration of the Post Office was Post Office the ruluction of the rates of postage from India to all Cnion countries. Postal facilitiss were increased by the addition of 32 new post offices, 138 new letterboxes and 135 postmen. and village postmen, while the mileage of postal lines was 12,519 miles, or nearly the same as in the previous year. The total number oi articles of all classes issued for delivery was $66,047,176$, or $5,583,474$ in excess of the number issued in 1590-91. The public, taking advantage of the reduction in postage rates, posted a large number of books in smaller packets for transmission by letter mail to foreign countries, so that though there were considerably more parcels exchanged during the year, the revenue fell from Rs. $1,63,098$ to Rs. $1,61,7(\%)$. There was a decrease of Rs. 10,636 in the fees realized on inland insured articles, owing to the limit of value for which articles can be insured haring bern fired at Ris 1,000 in the previous vear. The value-payable system continued to grow in favour, and there was an increase of Rs. 10,307 in commissions under this head during the year. Out of 266 publications existing at the close of the year, the publishers had adopted the privileged system of postage with reference to 184. Inland, including telegraphic money orders, produced an increase of Rs, 18,551 in commissions, while foreign money orders produced a smaller revenue, probably owing to unfarourable exchange rates. The Italian post office at Massowah began to adrise money orders in direct lists to the Aden post office. The working of the Post Office Savings Bank continued to give satisfactory results, and the balance R.s. $1,96,76,318$ on hand at the beginning of the cear had increased to Rs. $2,17,55,316$ at the close of 1891-92. There was a further considerable decrease in the value of transactions in Government securities rarried out by the Post Office during the year on behalf of the public. The number of complaints received from the public was 1,079 , or 28 less than in 159r-91; in 50 instances the Post Office was found to have been at fault. The number of offences committed by Post Office officials during the year rose from 21 to $\%$, and there were 22 cases of thefts, frauds, \&c., causing an aggregate los of Rs. 110; and there were three mail robberies, two of which occurred in nitiveterritory. There was a moderate expansion in the operations of the district post ; the east of working it exceedcd chés allotted grant of Rs. 85,812 by Re 2,279.

Irrication.

Finance: General.

The total expenditure upon irrigation, both Imperial and Provincial, amounted to rather more than Rs. 23 'r'g líkhs against Rs. $27 \frac{\underset{s}{3}}{}$ likls in the previous year. In the Deccan and Gujarat the principal works in progress on which capital expenditure was incurred during the year were the Gokik storage works, which were nearly completed by the end of March 1891, and the Nira Canal. The capital expenditure on the Mutha Canals during the year was small. Among other important works the Mhasvad Tank project and the Parsul Tank were completed, as well as the flood channel from the waste weir of the Maini Tank. Progress was also made with the improvement of the Dhandhuka Branch of the Bhadar river and the drainage works in Broach. In Sind the Pritchard Canal was completed, and a new feeder for the Western Nára commenced ; in the Hyderibad Canals District, the Renwáh improvements were completed, and the first five miles of the mouth of the Sarfraz were embanked. A new mouth was commenced for the Desert Canal. In the Eastern Nira District the clearance of the bed of a portion of the Nára was commenced. The construction of two regulators on the Fuleli was also begun. In addition, several important surveys were in progress, while certain weighty questions regarding the extension and improvement of irrigation in Siud generally were referred to a committee for consideration.

In Presidency proper the total area irrigated from all works was 96,025 acres, an increaso of 28.28 per cent. over the figures for the previous year, and the largest acreage hitherto recorded. The increase was partly due to the extension of irrigation under the Nira and Mutha Canals, but principally owing to the scanty rainfall. The gross assessed revenue from all sources amounted to Rs. $5,76,58 \mathrm{G}$, an increase of Rs. $1,32,305$, or $29 \cdot 77$ por cent. The annual rising of the Indus commenced in March-much earlior than usual, and continued till ' the end of May, after which there were several fluctuations till it attained its highest point in the beginning of August. The inundation was low and short, but there were five bad breaches of bunds, causing local floods.

The total receipts in the year 1891-92, the last year of the five years' Provincial contract with the Suprene Government, amounted to Rs. 1,3292 lákhs, and the expenditure to Rs. $887 \frac{4}{3}$ lákhs; the surplus, Rs. $441 \neq$ lákhs, was greater by Rs. 01 lakhs than that of the previous year. Receipts showed an increase of Rs. 25 lakhs over the figures for 1800-91, the improvement being most marked in the Provincial Civil and Local Civil Departments, and in the Postal and Telegraph Departments, while there was a falling off in the Imperial Civil Department, as well as under Provincial Civil Works, and in the Military Department. On the expenditure side there was a net increase of Rs. $15_{\overline{3}}^{\underline{y}}$ lakhs over the actuals of the previous year, most of which occurred in the Provincial Civil and Local Civil revenues, in the Imperial Public Works and Local Public - Works Departments, in the Imperial Telegraph Department, and under the head Provincial State Railway Construction, which appeared for the first.time. There was, however, a marked decrease of expenditure in the Imperial Civil Department, in the Imperial Public Works Irrigation Department, in State Outlay for Lands on Guaranteed Railway, and in the Military Department.

The Imperial Civil receipts for the year were Rs. $801 \frac{1}{2}$ likhs against Is. 805 likhs in 1890-91. The decrease of Rs. $3 \frac{1}{2}$ lakhs was the outcome of considerable variations, the largest of which was a decline of Rs. 211 lakbs in Land revenue and of Rs. 11 $\frac{1}{2}$ lakhs under Mint; on the other hand, there was an increase of Rs. 9 lákhs under Opium, of Rs. $10 \downarrow$ lakhs under Salt, of Rs. 2 likhs under Excise, of Rs. 1 lákh in Tributes from Native States, and of Rs: If lakhs in Miscellancous receipts. Of the decredse under the leading Land revenue a
very small portion was due to the actual decrease in Land-revenue collections, which resulted from considerable variations in different districts; the remainder, Rs. $21 \frac{1}{3}$ lakhs, consisted of special contributions from the Imperial share of Land revenue to the Provincial share, and to the non-recurrence of a special contribution of Rs. $17 \frac{1}{2}$ lákhs from Provincial to Imperial. The decrease under the head 'Mint' was due to coinage operations being carried out on a reduced scale: speculators imported immense quantities of silver during 1890-91, and, in con. sequence, a comparatively small quantity was received at the Mint during the year under review. The increase in the exports of Opium was due to the reduction of the opium pass-duty from Rs. 650 to Rs. 600 per chest, and that in the Salt revenues was due to the large sales effected at the Kháríghoda and Alımedábad salt works, and those near Bombay, both for export and for local consumption. The increase under Excise resulted from the tree tax having been raised in Surat and Kánara, and the still-head duty having been enhanced in Thána, while certain arrears were collected, and the consumption of liquor increased in Bombay City and Karáchi. The increase under Tributes was chiefly due to payments in advance, or payments of arrears; and the chicf causes of the improvement in Miscellaneous receipts were the recovery of debt from the Bombay Port Trust, and of the capitalized value of the loss of tevenue of the land taken up fur the Tánsa Lake. Expenditure fell from a little over Rs. $82{ }^{2}$ lakhs to a little over Rs. $81+$ likhs; the reduction, amounting to Rs. $1 \frac{1}{4}$ likhs, was the result of numerous variations. The most important decrease was a saving of Rs. $1 \frac{s}{4}$ lákhs under Mint charges, owing to the reduced coinage referred to above; thero was also a saving of Rs. 1 laklt under Territorial and Political Pensions, owing chiefly to the transfer of the payments to Afghan refugees from this to the Political head, where there was a corresponding increase. There was also an increase of Rs. I liklh under Salt, due to the creation of a separate estallishnent at Aden, the transport of salt from Goa to Castle Rock on the termination of the Anglo Portuguese 'Ireaty, and other causes: The surplus of Jmperial Civil revenue was Rs. $720 \frac{1}{d}$ lákhs against Rs. $722 \underset{3}{2}$ lákbs in 1890-91.

The Provincial revenue of the year, including receipts under departmental Provincia'. heads, amounted to Rs. $407 \frac{1}{2}$ laikhs, agninst Rs. $383 \frac{1}{2}$ lákhs in 1890-91. The two items of increase which made up most of the total improvement of Rs. 24 lakhs, were Land revenue, which gave an increase of $21 \frac{3}{4}$ laklis; of which Ris. $21 \frac{1}{6}$ lákhs was the amount by which the Imperial share of Land revenue was reduced, as noticed above, and contributions from Local Funds, which gave an increase of Rs. $1!1$ iths, almost wholly due to the contribution of two Local Boards towards the construction of the Hyderibid-Umarkot Railway. There was a smaller improvement under many other heads of revenue, especially Stamps, Excise, and Assesied Taxes, while the only considerable decline was in Miscellaneous revenue. The total Provincial expenditure increased from Rs. $30{ }^{5}{ }^{\circ}{ }^{\circ}{ }_{6}$ lakhs to Rs. $412{ }_{4}^{8}$ likhs. The new item of construction of railways, which provided funds for the Hyderábád-Umarkot Railway, amounting to Rs. $11 \frac{3}{4}$ Lákhs, accounted for a very large proportion of the increase of Rs. $16 \mathrm{r}^{\circ}$ laths, but there was also an increase of Rs. $1_{1}^{98}$ lithhs in expenditure on Police, of Rs. 2 g lákhs in contributions to Local Funds, and of Rs. 2 likks in Miscellaneous expenditure. There was a decrease of Rs. $2:$ lakhs under the departmental head Mlinor Irrigation Works and Navi-: gation, and smaller variations under other heads. The net results of Provincial receipts and expenditure for the year was a deficit of Rs. 54 lákhs, as compared with a deficit of Rs. $123_{0}$ líkhs in 1890-91.

No goll wis tendered for coinage at the Mint. The amount of silver bullion Mint. received from the Currency Department for coinage was Rs. $403 \frac{1}{6}$ lakhs, and the amount of Drtinh Indian uncurrent coin received for recoinage was Re. $1 \frac{8}{8}$ lákhs.

The net value of importations of silver bullion into the Port of Bombay amounted to $677 \frac{1}{\text { la }}$ lakhs of rupees against 1,131 lákhs in $1890-91$, while the silver tendered by merchants and others for coinage aggregated only $468 \frac{1}{2}$ lakhs of tolás against $852 \frac{1}{2}$ lakhs in the previous year. The nominal value of the silver coins issued from the Mint was Rs. $407 \frac{1}{2}$ lakhs. The total revenue amounted to Rs. 8 io lákhs, of which Rs. $8 \frac{1}{2}$ lakhs consisted of charges levied for the coinage of silver bullion, and the total expenditure was Rs $8 \frac{1}{s}$ lakhs, so that owing to the more limited operations of the year the net profit fell from Rs. 91 lákhs to Rs. 59,409.

Paper Carrency. The gross circulation of notes of all denominations on 31st March 1892 was - Rs. 756岂 lákhs as compared with Rs. 892各 lákhs on 31st March 1891. The fall in circulation was due to a decrease in notes of the two highest denominations, but a more accurate test of the state of circulation is obtained by considering notes of small value used by the community generally in transactions of everyday life. Among notes of this character there was a general tendency towards increase, the only exception being in the case of notes of Rs. 5 , the circulation of which began to decline in January 1892, probably owing to a temporary alarm caused by the knowledge that forged notes of that denomination were in circulation. The otherwise steady increase in the notes of low value may be taken as an indication of the growing popularity of the paper currency among the public. Turning to notes of high value, it appears that, with the exception of a slight dopressiop in June, August and October, their circulation increased from month to month until it reached the maximum of Rs. 718 lakhs in November 1891. There was then a sudden reaction, and their circulation began to decline rapidly from December, when silver is required for cold-weather operations, until it reached the minimum of Rs. 405 lakhs in February 1892. The variations of high value notes depend largely upon notes of Rs. 10,000, which constitute the greater part of the balances of the Branch Reserve Treasury ; but even after eliminating those balances, the tendency of the circulation of high value notes to a maximum from April and to a minimum from December 1891 was very noticeable. The Karichi Circle, in contrast with that of Bombay, showed an increase in the gross circulation of notes of all denominations from Rs. $58 \mathbf{z}_{3}$ lakhs to Rs. 73 lakks. The rise was steady, and extended alike to notes of high and low values.

Land Revenue.
The net amount of Land revenue for collection foll from Rs. 364 lakhs to Rs. $361_{10}^{1}$ lakhs, and the actual collections amounted to Rs. 357 lákhs, against Rs. $360 \frac{8}{4}$ lakhs in the preceding year, so that they borem slightly smaller proportion to the demand than was the case in the previous year. The decrease in the revenue demand was entirely confned to Sind, and was there due, in great - measure, to a large amount of land being thrown out of cultivation, which had been temporarily taken up in the previous year owing to the good rainfall. The number of cases, in which distraint was levied, was, as noticed elsewhere, eonsiderably under half the corresponding number in the previous year; and the extreme caution exercised in proceeding to strong measures for compelling payment in the districts affected by scarcity probebly accounts for the proportion borne by actual collections to the demand being slightly smaller than usual.

[^2]The total net sea customs revenue collected at the port of Bombay during the year under review was Rs. 23 ㅇo lákhs, against Rs. $24 \frac{1}{2}$ lakhs in 1890-91. The duty collected on imports amounted to R. $21 \frac{4}{8}$ lakhs, and that on exports to Rs. $1 \frac{4}{8}$ lakhs, and both these sums show a falling off as compared with the previous year. The smaller shipments of rice, which is the only dutiable article of export, accounted for a reduction in the gross seceipts under export
duty, and were ascribed mainly to the rise in the local price of rice, in consoquence of the demand for it in the famine-stricken districts of Madras. The only heads, under which there was an increase of import duties, were liquors other than potable spirits, and arms and ammunition, the increase under which: was due to the large stocks imported by two newly established trading societies in Bombay. Under potable spirits the returns showed a coinsiderable decrease of revenue, as compared with the previous year; it was due to the check given to importation partly by the increase in the rate of duty on spirits from Rs. 5 to Rs. 6 per proof gallon, partly to the depreciation of silver, and partly to the large surplus stocks on hand at the commencement of the year: at the samo time the average strength of the spirit imported was 94 per cent. under proof, which, though slightly greater than the average in 1890.91 ( 9.6 per cent. under proof), was still considerably less than in 1889-90, before the levy of the enhanced rate of duty, when the average strength was $8 \cdot$ per cent. under proof. The variations, as compared with the previous year, in the importations of the different over-proof and under-proof spirits were, in great measure, due to changes in the popular taste; in this way the place of brandy continned increasingly to be taken by whisky, as well as by spirits of wine, which, though not classed as potable spirits, are, apart from their medicinal use, mixed with water, and largely drunk as an intoxicant. There was a considerable decrease in the receipts from petroleum, chiefly due to the large stocks on hand at the beginning of the year; Batoum oil continued steadily to undersell American kerosine, and during the rear nearly eight-ninths of the whole supply came from the Black SeaThe dirision of the common customs receipts for the tenth, elev enth and twelfth years of the Anglo-Portuguese Treaty, which terminated on the loth January 1802, had not been made up to the close of the year under review. There was a further considerable decrease in the number of cases adjudicated under the Sea Customs Act, as compared with the preceding year. The working expenditure of the department rose from Rs. $3 \frac{1}{4}$ líkhs in 1890.91 to Rs. $3 \frac{1}{2}$ laikhs in 1891-92.

In consequence of the termination of the Treaty with Portugal it became necessary to draw preventive lines round Goa and Daman. Fiveduty-collecting stations were established on the Goa frontier and five on that of Daman, and the total receipts amounted to Rs. 4,699.

The net customs receipts at the port of Karáchi showed a slight falling off Kaniehi as compared with the preceding year; they amounted to Rs. 8t's lákhs, against Rs. $8 \frac{1}{4}$ láhbs; but they were still higher than in any of the previous years since the introdnction of the Indian Tariff Act of 1882. There was a decrease in both import and export duties, but the reduction in the former was confined to the receipts from petroleum. The expenditure at this port rose from Rs. 42,259 to Ps. 73,738 during the year under review.

No change was made during the year in the rates of duty on opium, but the opinm. effect of the previous reduction of hs 50 per chest was marked by a further increase of 760 in the number of chests imported into Bombay, while pass-fees realized RB. $4 \frac{2}{3}$ lakhs more than in the previous year. Theexports to China increased by 707 chests, and the number of chests bought for home consumption rose by $68 \frac{1}{1}$. As compared with the previous year, the total licit sales in British districts increased by 4,379 lbs. During the year nuder review the modified minimum guaranteed vend system was in force in all districts except Khándesh and Bombay, where the terms, for which the farms were held, had not expired, and the - e southern districts, where on account of the small consumption of opium - te old license-fee system was retained. In the Native States of the Presidency,
the licit sales of opiam rose from $157,319 \mathrm{lbs}$. in $1800-91$ to $161,762 \mathrm{lbs}$. in 1891-92. Owing to the larger exports to China, noticed above, the total Imperial revenue from opium, including fees on account of transhipment and miscellancous receipts, amounted to Rs. 175 lakhs for the year under review, against Rs. $171 \frac{1}{2}$ lákhs, and the net excise revenue from opium was Rs. $10 \frac{1}{2}$ lákhs, against Rs. 10 皆 likks in 1890-01.

Salt
Presidency
proper.

The termination of the Treaty with Portugal on the loth January 1892 caused considerable changes in the general organization of the Salt Departments, and, while the services of many of the subordinates employed at Goa and Daman during the Treaty had to be dispensed with, the frontier posts round Goa and Daman had to be re-established and manned. The amount of salt manufactured at the salt works, both British and Portuguese, rose from $89 \underset{z}{\text { laklhs of maunds }}$ in 1890-91 to 107 g lakhs of maunds in the year of report. On the other hand, removals rose from $86 \frac{1}{\zeta}$ lakhs of maunds to $94+$ lakhs, so that after deducting 16 $\frac{1}{8}$ laklis of maunds for loss and wastage, (including $3 \frac{1}{2}$ likhs made over to the Portuguese Government on the termination of the Treaty), the resorve stock in hand on the 31st March 1892 amounted only to 39 lakhs of maunds as compared with 414 lákhs on the 31st March 1891. There was an increase of 4 f lakhs of maunds of Barígra salt, and, though there was a slight increase in sales, the resulting balance was greater than that of the previous year by $2 f$ lákhs. The closing balance at Bulsir was $1 \frac{8}{s}$ lakbs as compared with 1 lakh on the 31 st March 1891, the manufactures having here, too, increased in a greater proportion than the removals; the accounts for the rest of the Presidency in like manner showed a considerable increase of manufacture, which may in some measure be ascribed to the re-opening of 49 of the salt works at Sanikatta, and to the addition of one new work in the Mátunga taluka. The number and area of salt. works in Goa territory underwent no change, but the prices of Goa salt showed a marked falling off, partly owing to the competition of Konkan salt, and partly to the efforts of Goanese proprietors to get rid of their salt before the termination of the Treaty. This cheapness of Goa salt combined with the continued effect of the Southern Marátha Railway in equalizing prices, assisted the downward tendency of prices at the Shiroda and Sánikatta works; but the price of salt at the Government works in the Runn and at Bulsár underwent no change. The issues of Barágra salt compared favourally in quantity with those of the previous year; and the advance was chiefly due to the increased facilities afforded by the Mehsána-Viramgam Railway, and to the steady expansion of the salt trade in the Central Provinces. Removals of sea salt, taking British and Portuguese works together, showed a considerable increase; and its distribution showed that there was a substantial development of this trade in all parts of the country including the Presidency itsolf. Increased exports to Mysore exemplified the utility of the West of India Portuguese Railway, and while the increased exports of inferior salt to Calcutta were due to low rates of freight, it seemed that there was something in the quality of the light-sifted Bombay salt which was popularizing it in the Central Provinces at the expense of Northern India and othor salts. The issucs of salt duty-free were nearly the same as in the previous year, for while the termination of the Portuguese Treaty involved the closing of accounts $2 \frac{1}{3}$ months earlier, and the consequent diminution in the quantity of salt issued for domestic consumption in Goa, it was on the other hand thourht advisable to stock the Vengurla and Gangawali fish-curing yards with two years' supply of Goa salt before the close of the Treaty. The total quantity of salt which passed into consumption in the Presidency aggreated 35, 11,706 maunds, and this amount includes the actual recorded exports to the Nizim's territory and Mysore, instead of the estimated amount taken into account in previous years.

Taking the population according to the census of 1891, the average consumption per head came to 11.82 lbs., against 11.23 lbs. in the previous year, that for Gujarít being 8.13 lbs ., and for the rest of the Presidency 13.91 lbs . The wholesale price of salt, as usual, reached its lowest level in April and its highest in, August,-difficulties of distribution during the monsoon, which were particularly exemplified in Ratnigiri, accounting for the gradual rise. The gross collections of salt revenue were Rs. $226 \frac{1}{3}$ lákhs, against Rs. $210 \frac{1}{4}$ lákhs in 1890-91, most of the increase being due to larger removals of duty-paid salt. The total expenditure for the year was Rs. $15_{5}^{t}$ lákhs, against Rs. $14 \frac{1}{s}$ lákhs in 1890-91, much of the increase being due to the expense of removing salt from Goa to Castle Rock, and to the payment of arrears of previous years. There was an increase in the number of cases of salt smuggling during the year, but they were for the most part of a petty nature; the percentage of convictions slightly declined.

The centres of salt supply in Sind remained unchanged. The outturn of Sind. salt at the Maurypur and Dilyár salt works considerably increased, while that at the Saran works was very slightly less than in the previous year. The total outturn of the year at all the works was $3,28,850$ maunds, against $2,05,116$ maunds in $1800-91$, and the stocks on hand at the close of the year had risen from $1,69,47 \mathrm{~S}$ maunds to $2,35,629$ maunds. The total consumption, in the province, of salt, both produced locally and imported privately, was rather more than in 1890-91; the average consumption per head of the population according to the census of 1891 was 7.27 lbs. The average selling price of salt in the market fell from Rs. 3-6-11 to Rs. 3-6-5 per maund. The gross receipts were Rs. 6,50,088 and the expenditure Rs. $1,30,638$. The number of salt offences brought to light rose from 124 to 185.

There was no change in the system under which the !country spirit farms Excise: were managed. The still-head duty system, with a central distillery, or public Presidency and private distilleries, and a minimum guaranteed revenue, was in force ${ }^{\text {proper. }}$ throughout the Presidency proper, except in the town and island of Bombay, and the eastern tâlukas of the Panch Maháls. The modification of this system, ciz. the selection of the farmer and the fixing of the guaranteed revenue by the Commissioner, which since 1889 had been introduced, as licenses fell in, into each district where the guaranteed minimum revenue system prevailed, could not be introduced into the Khándesh District, as the period for which the farm was given had still a year to run, nor into the Ratnágiri District and the belowghát talukas of the Kinara District, where, in the absence of data as to the consumption of liquor, and in view of the difficulty of finding eligible farmers, the farms were again put up to auction. In the town and island of Bombay, there was no monopoly of sale of country spirit, the system in force being the stillhead duty system with public and private distilleries, and license fees for the right of sale. The Dohad and Jhalod tilukas of the Panch Mahdls were the only tracts in which the outstill and lump sum farming system was in force. The total excise realizations in the Presidency proper rose from Rs. $80 \frac{9}{5}$ lákhs to Rs. $83_{\text {T }}^{1}$ likhs during the year under review, and of this amount Rs. 791 lákhs represented the revenue from country liquor against Rs. $76 \frac{1}{3}$ lákhs in the previous year. The variations of the country spirit revenue during the year were unaffected by competition. In some districts the rise in the still-head daty and maximum selling price and in others the existence of scarcity bordering upon famine were the chief eauses of increase or decrease. As a rule, the Commissioner's estimate of the normal consumption of a district was considerably below the amount which the farmers formerly tendered, but in other districts, notably Surat, Nisik, Kolaba, and Thína, the enhanced rates justified the anticipation of an
: 741-10 5c
increased revenue, even with the prospect of a diminished consumption. This increase in the total receipts was, in fact, not accompanied by a correcponding rise in the amount of country liquor consumed, which fell from $25,25,719$ gallons to $24,57,468$ gallons. The diminished consumption was, in great measure, attributed to the enhancement of the rates of still-head duty and of the maximum retail selling price, which was to a varying extent effected in the whole or portions of four districts. In Bombay the duty on toddy spirit was raised, and there was a smaller quantity placed on sale; and this, though it led to a larger consumption of mowra spirit, was a considerable factor in the net reduction in the amount of spirit consumed. Elsewhere the badness of the season was the cause of the reduccd consumption; while a good season in the Panch Mahals produced a contrary effect, and in the Thana District increased sales of mowra spirit more than counterbalanced a reduction in those of toddy spirit. The number of shops licensed for the sale of country spirit was 2,633 , a decrease of 23 as compared with the previous years. The sale of raw toddy was farmed only in the four districts of Ahmedábad, Bijapur, Nisik, and Sholápur, and in the above-ghít tálukas of the Kánara District; elsewhere, with the exception of the Panch Mahals District, and a portion of the Mindvi tilluka of Surat, the separate licensing system, under which shop licenses, tree-foot booth licenses, and domestic consumption licenses are the three forms of licenses ordinarily allowed, was universally in force. The rates of tree tax and the maximum selling price for toddy were altered in different parts of the Surat District. The changes led to an increase in revenue from raw toddy in that district, while a similar effect was produced in Ratnágiri by improved arrangements for the tapping of trees for distillation. The prevalence of scarcity resulted in a falling off of revenue in Bijapur; but in Belgaum and Dhárwar, though the number of trees licensed to be tapped and the tree tax realized were less than in the preceding year, the higher bids for toddy shops resulted in a larger revenue. On the whole there was a decrease in the total number of trees taxed and an increase in the number of toddy licenses of all sorts issued. The quantity of toddy spirit manufactured in Bombay was less, while that manufactured in Ratnifgiri was more than in the preceding year, the quantity manufactured in Kanara being almost the same. The incidence of abkíri taxation per head of population according to the census of 1891 was 8 annas and 1 pie, against 7 annas 10 pies in the preceding year. The total expenditure of the Excise Department, including that of the Opium Department, fell from Rs. 3,25,914 to Rs. 3,22,793 in the year under reviow.
Sind. The arrangements existing at the close of the year 1890-91 for the supply and sale of country liquor continued generally the same during the year 1891-02; but, among minor changes, the rule making double fees leviable, in the case of retail licences being given to distillers, was rescinded. The gross revenue rose

- from Rs. $6 \frac{2}{3}$ lakhs to Rs. $7_{\tau}^{1}$ lakhs, the increase being mainly due to larger. receipts under still-head duty, which amounted to about 75 per cent. of the total revenue; from fees on licenses, on the other hand, the realizations slightly diminished. The incidence of taxation per head of population was 4 annas 2 pies. The expenditure connected with the $A^{\prime} b k$ rari Department was Rs. 13,546 durings the year under review.
stamps. The total receipts of the Stamp Department increased from Rs. $03 \frac{1}{2}$ lakhs to Rs. $54 \frac{1}{2}$ lakho. One-third of the increase was under the Stamp Act, and was mainly due to the increased sale of stamped papers and impressed labels; and two-thirds of the increase was under the Court-fees' Act, and-was caused chiefly by the increased sale of impressed and adhesive Court-fee stamps. The expenditure of the department amounted to Ps. $2 \frac{1}{2}$ lakhs.

While the income-tax final demand rose from Rs. 36 líkhs to Rs. 37 lákhs, Income Tax. the actual collections rose from Rs. $34 \frac{4}{4}$ to Rs. 35 ? ? lákhs. A steady increase in the Central Division and Sind was attributable partly to the gradual development of trade, and partly to greater accuracy on the part of assessing officers. In Aden and the Northern Division the increase was very slight, but the considerable increase, which occurred in Bombay City, was due to various canses, among which may be noted the increased profits of the Railway Companies, the new issue by the Municipality of the balance of the loan on account of the Tánsa water works, and the fact that the interest on certain Port Trust debentures feli due for the first time. There was a decrease in the Southern Division, which was caused by reduced receipts from railway employés at Dhírwár; while the general depression of trade, which affected most of the districts of this dirision, was also partially accountable for the falling off.

The total receipts of the Incorporated Local Funds amounted to Rs. $57 \frac{1}{3}$ Local Fands. lakbs against Rs. $54 \frac{2}{3}$ likhs in 1890-91, and the aggregate expenditure rose from Rs. $50{ }_{3}^{2}$ Kilibs to Rs. $55 \frac{1}{4}$ lákbs. By far the greater portion of the increase in receipts occurred in those ander Act I of 1881, which form the major part of the whole incorporated fund, and it was almost entirely due to contributions from Provincial to Local for purposes of education and village sanitation, (including a grant from Pmincial Funds of Rs. 1 lákh for improving village water-sapply), and for the construction of roads. Almost all the increased expenditure was due to heary outhy on account of famine relief, and to Local Fund contributions torards :he construction of the Hyderábad-Umarkot Railway. The receipts of the seven
 ;he expenditure rose from Rs. $25 \frac{1}{\frac{1}{3}}$ likhs to Rs. $28 \frac{1}{4}$ likhs in the year under review. The increases and decreases under the varions funds, as compared with the prerious year, were chiefly due to transfers in account, and notably to the transfer of the Káthiáwár Educational, Medical, and Public Works Fund to the head ther funds.

The census taken on the night of the 26th Febraary 1891 showed that the Vital Statistios. population, exclusive of Europeans and Eurasisns, numbered 18,820,3.46. The lumber of births, which aggregated 652,677 in 1891, against 641,115 in 1890, was in every district higher than in the preceding year; but the ratio per mille of population fell from $38 \cdot 97$ to 36.27 . The largest number was registered in rune, and the smallest in January. The total number of deaths recorded rose Crom 463,616 to 513,132 , and the ratio per mille of deaths of males to the whole nale population living was $27 \cdot 16$ and of females 27.07 ; the highest death-rate ior both sexes was in Gujarát, and the lowest in Sind ; Broach, Násik, and Ahmeditaid were the collectorates where the highest ratios occurred, while all the Sind listricts showed very favourable rates. In Thána, the City of Bombay, Karáchi und Shikírpur the recorded death-rate of females was higher than that of males, n four other districts the rates were equal, but everywhere else the death-rate of nales exceeded that of females. The mortality amongst infants and children moder $\begin{aligned} \text { g years was, as usual, very high, in comparison with other periods of life; }\end{aligned}$ luring the rear under review 43.79 per cent. of the total deaths were among chiliren of thisage. The period of greatest immunity was in the age between 10 and 1.5 years, where the rate was 6.81 per mille. Taking the population by antes, the death-rate per mille amongst Hindus was $28 \cdot 91$, amongst Mahomedans $31 \cdot 92$, amongst Christians $19 \cdot 93$, and amongst other castes $10 \cdot 53$. The figures ior oihor cestus in 1500 were $36-65$, and the great immunity they enjoyed in Ith affris a striking contrast. The death-rate per mille, arranged according is caucs s. shows that under most heads there was a decrease, but cholera and the
ailments classed together under the head "other causes" claimed a larger proportion of victims. Cholera was present in 13 collectorates, and was entirely absent in no month except December; it reached its height in August, and altogether counted for 17,850 deaths, or 14 small-pox only 1,491 deaths occurred, but fever carried off 368,913 persons, an increase of 24,016 over the numbers in the previous year; while deaths from dysentery and diarrhca numbered 37,728 , agninst 36,037 in 1890 .

Modical Relief. were opig the yon 254. The total number of patients treated was $1,842,230$, against $1,723,581$ in the preceding year, and the increase extended alike to in-door and out-door patients. More than half the number of those applying for relief were men, about a quarter were children, and the remainder women. Malarial fevers, worms, and eye and skin diseases were those for which the largest number of patients were treated. The percentage of deaths amongst in-door patients was 6.8 . The number of major operations performed during the year was 5,843 , of which the largest number were in connection with the eye; minor operations were performed in 87,682 cases, as compared with 81,872 in the preceding year. The total income under the head medical relief rose from Rs. $8_{5}^{2}$ lákhs to Rs. 8 io likks; of this Rs. 1 lákh was the opening balance, while Government contributed Rs. $4 \frac{2}{5}$ lákhs, and the remainder was received from Local and Municipal Funds and other sources. The total expenditure was Rs. $7 \frac{1}{2}$ lákhs, but, after making deductions for investments and for hospital stoppages, the net expendituro stood at Rs. 7 ro lakhs, against Rs. $6 \frac{4}{5}$ lákhs in 1890 . The average cost of each diet slightly fell in the City of Bombay, but underwent no change in the Mofussil ; the average cost of each patient varied from Re. 0-3-7 in the Deccan to Re. 0-5-7 in the Konkan. At the beginning of the year the balance of invested capital was Rs. $4 \frac{1}{2}$ lákhs, and, while only Rs. 500 were sold, considerable purchases were made, bringing the balance at the close of the year to Rs. $4 \frac{4}{3}$ lakhs.
Lanatic Asylums.
The total population of the six lunatic asylums in the Presidency fell from 1,006 to 961 , including 132 criminal lunatics. Of the total number of inmates, no less than 786 were males. Of the $\mathbf{1 8 2}$ discharged only 90 were discharged as cured; of the remsinder 90 were transferred to the care of friends and 2 escaped. The abuse of intoxicants was responsible for the largest number of cases, while among moral causes grief was accountable for the next highest proportion of patients. There were 70 deaths in the asylums during the year as against 78 in 1890-91. The cost per head of lunatics increased by Rs. 5-10-2, and the total net cost to Government rose from Rs. 93,011 to Rs. 97,979 , chiefly owing to diminished receipts from paying patients, and a larger expenditure on works carried out.

The actual cost of military works in conncetion with sanitation was Rs. 44,175 ; the most important operation was the construction of a new condenser at Aden, eapable of producing 12,000 gallons of water. The expenditure of the Mofusiil municipalities on conservancy aggregated Rs. 7? lakhs: the construction of drains for the town of Hyderábid was approaching completion, and a similar scheme was under contemplation for Karáchi. In Ahnedábad the new water works were formally opened by His Excellency the Governor in June 1891, and the greater portion of an experimental section of the drainage scheme was completed. Water works were in progress in Dhulia, and were commenced in Hubli, while in Dhárwár plans and estimates were under preparation, and in various other municipalities of the Northern, Southern and Central Divisions measures were under consideration for the improvement of
the water-supply; though in several places there were special difficulties to contend with. The expenditure of the Health Department of the City of Bombay was Rss $11 \frac{2}{5}$ lakhs; and the important measures of sanitation carried out by the Municipality are noticed elsewhere.

Both primary vaccination and re-vaccination showed an increase, and the Frecination. total number of operations performed by the department rose from 931,747 to 958,230 ; but while the percentage of successes in re-vaccinations improved from 61-2き to 619 , that in primary vaccinations declined from 95-10 to 94-97. Out of 569,545 children under one year available for vaccination, 76.58 per cent. were protected, against 74.05 in 1890-91. Considerable progress was made during the year in the introduction of vaccination with animal lymph. It was used in the municipalities of Bándra, Kurla and Igatpuri, in the City of Bombay, ini Ahmednagar, Poona, Sholápur, Dhárwár, Hubli, Belgaum, and Karáchi. In a number of places in the Poons District the people showed their appreciation of the system by providing a calf, or the necessary funds, for the purpose. The results of the work of the entire supervising staff were that 38.63 per cent. of all the persons operated upon were inspected. The total cost of the department rose from Rs. 2,73, 197 to Rs. $2,85,190$, and the average cost of each successfril operation fell from Ree 0-5-9 in $1890-91$ to Re, $0-5-7$ in the jear under reviewDuring the year the Western Gujarát Circle ceased to exist under that title, and the office was transferred to the Agency Surgeon, Rajkot.

Considerable progress was made during the year in veterinary matters Veterinary. Dispensaries were started at Belgamm and Karachi, and the establishment of one at Jalgann was sanctioned, while itinerating Veterinary Assistants were employed in Kaira and Belgaum, and the appointment of one for Khandesh was approved. In the four dispensaries of Ahmedábád, Nadiád, Dhulia, and Násik, which were in actual working order, the number of animals treated rose from 2,503 to 2,628 : of these 54.0 per cent. were cured, 16.3 per cent. were relieved, the results were unknown in 21.6 per cent. of the cases, and in the remainder the animals either died or were incurable. These figares show a slight improvement Jver those of the previous year; and if the Dhulia dispensary had not been closed for two months, owing to the resignation of the Veterinary Assistant, the patients treated would have been more numerous. The larger practice of the other dispensaries, especially that at Ahmedábád, testifies to their increasing popularity.

The tratal number of persons under instruction at the various educational Education: institutions in the Presidency rose from 620,498 to 634,438 in the year under General review. Of these $\mathbf{5 6 6 , 6 0 6}$ were receiving taition at 9,501 public institutions, gainst 553,092 pupils at 9,324 similar institutions in the previons year; while the namber of private institutions rose from 2,653 to 2,771 , and provided for 37,832 pupils, against 67,406 in 1890-91. Omitting these last, which are not inder Government inspection, the number of boys nnder instruction rose from $4 \$ 9,183$ to 499,17 , and that of girls from 63,909 to 67,432 . While all classes If private institutions rose in number, there was a slight deerease in the pupils attending the more advanced, but an increase elsewhere. To the increase of 177 in the number of public institutions, primary schools contributed 167, ind seendary and special gehools the remainder; while arts and professional wlleges and training sehools remained stationary. There was a slight redueinn in the number of persons attending professional colleges and training iebools, but all other clasees of institutions added their quota to the net increase ff 13,514 pupils. Considering the public institutions, classified according to the wurees from which they are maintained, it appears that the number of thoee kept up by Local Beards slightly decreased, while in those maintained by = 741-11 sc

Government there was a slightly decreased attendance. Otherwise there was a general rise both in the number of institutions and in the attendance at them, most noticeable in both respects in the case of aided schools, and the increase in the case of these is the more marked, following, as it does, upon - a progressive increase during several years past. The rise in the number of pupils mas contributed to by all castes, except hill-tribes and those classed together as "others;" Hindus continued to occupy the foremost place, but both the actual increase and the ratio of increase exhilited by the Mahomedans exceeded that of any other caste. The total gross expenditure of the year upon education rose from Rs. 591 31.3 per cent., fees 21.3 per cent., and Local and Municipal Funds, Native State revenues and other sources the remainder. The increase was observed in all * the sources from which expenditure is drawn, an improvement in the teaching. staff accounting for that from Local and Municipal Funds, and the increased number of schools for that from fees, \&c. The net expenditure increased from Rs. $19 \frac{2}{5}$ lokhs to Rs. $19 \frac{2}{3}$ lukhs, and the largest portion of the increase was devoted to special education, the College of Science, the Jamsetji Jijibhoy School of Art, and the Veterinary College sharing the benefit; there was also a considerably larger sum spent on primary and secondary schools, but the improved fee-receipts at professional colleges rendered it possible to reduce the expenditure under that head. The ordinary grants to colleges and schools rose from Rs. $3 \frac{1}{f}$ lákhs to Rs. 3$\}$ lákhs, while special grants slightly declined. Paymonts to aided institutions fell from Rs. $4_{T^{9}}{ }^{9}$ lakhs, to Rs. $4 \frac{2}{3}$ lakhs, a result due to the reduction of the building grant from Rs. $1,55,915$ to Rs. 96,487 ; and, while the building grant to Board schools rose to Rs. 93,256 , the entire grant for building purposes declined to a total of Rs. $1,89,743$.

## Higher Leducation.

The number of students on the rolls of the Arts Colleges rose from 1,203 to 1,339 at the close of the year, and the fee-receipts from Rs. 86,858 to Rs. 92,013. The increase in numbers was most marked at the Fergusson College, where the amount of fees also considerably rose; smaller increases in the numbers at Elphinstone College and Wilson College, which were the two most numerously attended, were also accompanied by slightly enhanced fee-receipts; and there was an improvement in the latter respect at the Decoan Colloge, in spite of a reduction in the number of students at that institution. Everywhere else the fee-receipts were smaller, while the variations in the number of names on the rolls were slight. Though more candidates passed the B. A. Examination, the results of the other oxaminations, especially the 1st B. A. and Previous Examinations, were of a discouraging character. The largest proportion of successes was attained by the Elphinstone College. The attendance rose and the fee-receipts improved at the Grant Medical College, but at the College of Science, Poona, there was a slightly smaller attendance, while the fees aggregated a considerably larger amount. At the Bombay Law School the new regulation of the University, increasing the difficulty of the Entrance Examination, resulted in a considerable reduction in the number of students, as well as in the amount of fees paid. Suitable accompodation was provided for the school in the Elphinstone College.

The total number of high schools rose from 81 to 83 , those for boys increasing by three, and those for girls (11) decreasing by one; but it is satisfac. tory to note that, in spite of this, there was an increuse, which was almost general, in the total number of girls, as well as of boys, recciving instruction. The schools sent up 1,661 candidates for the University Entrance Examination; of these 801 were successful, while only 115 passed out of 1,369 boys who went up without school certificates. Of 1,267 candidates sent up for the University

School Final Examination, 364 were successful, including 121 of the 739 candidates who had received private tuition. All the high schools were well reported on, and in the Northern Division the efforts, which several schools in Native States were making to onlarge their course, deserve mention. The total number of middle schools rose from 322 to 327 ; the boys' schools increased by 5 in number, while, though there was a decreased attendance in the Central Division and Sind, there was an increase elsewhere, and in the total attendance. The number of girls' schools (47) remained the same, but the attendance at them, in spite of reduced numbers in the Southern Division and Sind, somewhat increased in the aggregate. The management of these schools was, as a general rule, fairly well reported on. By far the largest number of the boys were under instruction in the schools of the Southern Division, and more than half the total number of girls were being educated in Bombay City.

The total number of primary schools for boys rose from 8,248 to 8,354 , Primary and the attendance at them from 467,967 to 477,031 . There was a decline in Edncation. the Local Board schools of the Northern Division, and a corresponding improvement in the Southern Division, owing to the transfer of the Karjat táluka from the Thána to the Koliba District; but these variations were nominal, and, learing them out of account, the returns show that, in spite of the unfavourable effects of a sickly season in the Northern Division, and the prevailing scarcity in portions of the Central and Southern Divisions, normal efficiency was almost universally maintained by the Local Board schools, while in many instances considerable progress was made. The disadvantages mentioned above did not affect Municipal schools, and in them there was a general improvement, but a general disinclination to sanction new expenditure is reported. Though the number of schools in the City of Bombay slightly fell, the attendance improved, and the Corporation considerably increased its budget grant. The number of primary schools for girls increased from 616 to 677 , and the attendance was 41,253, against 38,705 in 1890-91. Every part of the Presidency contributed to this improvement, but the Northern Division continued to occupy the foremost place with regard to female education; the progress made by municipalities and Native States in this respect was good, but, it was among aided schools that the most marked increase occurred.

A slightly larger number of pupils attended the Rajkumár College at Speoial Rajkot; but of the Talukdiri schools that at Palanpur was closed; others were doing well, and the Wadhwan School obtained an excellent report. Of the Mahomedan community, whose advance in this matter has been referred to above, there were 96,921 persons under instruction, against 89,799 in the previous year; and the majority were attending the ordinary schools. The effects of the unfavourable season were more marked in the case of hill-tribes, than elsewhere, and the numbers of this class under instruction fell from 7,160 to 6,986 ; an encouraging account, however, was given of the Bhil schools in Malii Kintha. The number of institutions for giving special instruction rose from 41 to 47, the inprovement being due to a new gymnastic institution, and an increase of two in the number of industrial schools. All the training and Education. professional schools, and especially the Hyderábad Training College for masters, were very well reported on, and though the number of untrained masters employed by Local and Municipal Boards and by Native States considerably declined, there was a more than commensurate increase in the number of trajned head masters and of trained assistants engaged. At the Sir Jamsetji Jijibhoy School of Art a rise in the number of students was attended by increased feereceipts, and there was also an increase in the number of students learning drawing at schools for general education. The Poona Medical School was very successful in the third-year examination, and though the attendance was slightly
smaller, there was an improvement in the value of fees received : the other mellical schools were doing satisfactorily, and there were seven women under instruction at the Hyderibad Midwifery School. In connection with the Veterinary College, Bombay, a special hospital was opened at Sewri; of the seven men, - who passed the final or diploma examination, six obtained employment, while one joined the Royal Veterinary College in London. The examination results of the Hyderibad Agricultural Class were fair, and two men of the Engineering Class attached to the Sind College passed the final examination, and obtained employment. The industrial schools were generally doing well; and while there was little alteration in the attendance at the Victoria Jubilee Technical Institute, the scholarships provided by various benefactors indicate that the institution has met a real want whieh is fully appreciated by the public.

## Literature

Generally speaking, the literary activity of the year was rather below the average, the total number of registered publications falling from 2,044 to 1,408: but a good deal of this decrease was attributable to the exemption from registration, ander Act $X$ of 1890 , of second or subsequent editions of books in which no additions or alterations have been made, and a copy of the first or some preceding edition of which has been registered. The majority of publications were in Gujaráti or Marathi ; in the former language the Gujaráti Cyclopedia and a work on agriculture were especially deserving of mention; in Marathi there were several biographies and histories of an interesting character. The most interesting and useful of the English publications were works on law and medicine. A large number of the total publications were educational; and although the preponderance of republications and translations over original works was slightly less than before, there was little in the quality of the literature produced to distinguish it from former years,

The Native Press. The number of newspapers and periodicals fell from 166 to 160 during the year under review, but they nearly doubled those in existence ten years ago, and generally enjoyed a wider circulation. The press, as usual, was very free in its critioisms of Government measures, and there was little change noticeable in its general tone and oharacter. Of the topios, which evoked discussion, the Bill for raising the age of consent from ten to twelve years was amongst the foremost, and the position taken up by orthodox organs continued to evidence the violent antipathy entertained towards social reform by that section of the Ilindu community; on the other hand, the Bill was heartily approved by the more liberal-minded portion of the press. The Indian Factory Bill, with regard to which, while some papers were full of praise, others $\operatorname{maintained}$ that it meant the reduction of Indian mill-hands to misery, was another subject on which there were wide differences of opinion. The sixth Indian National Congress was oonsidered a sucoess, and its proceedings were approved, The ábkari policy of Government was, as usual, censured; and on several other topics opinion was divided.

Literary
Bocietione,

Considerable additions of books and coins were made to the library and museum of the Bombay Branch of the Royal Asiatic Society, and the finances of the Branch were in a satisfactory condition. The number of members slightly incroased : there was a slight reduction in the number of members of the Gujaráti Dnyán Prasírak Mandli, but the financial state of the Society continued to be satisfactory. The annual Government grant was applied towards defraying the expenses of the seven lectures delivered during the season. Three lectures were delivered under the auspices of the Sassoon Mechanics' Institute, and there was a very satisfactory increase in the number of members of this society.

There was a considerable increase in the number of visitors to the Victoria Maseams. and Albert Museum, Bombay. Most of the many additions to the Natural History division came from the Victoria Gardens, and Mr. Framji Dinshaw Petit and Mis Mighness the Mahárája of Jeypore were among those who contributed to the Anthropological division. Government and the Bombay Municipal Corporation cach promised to contribute for a certain period tormards the expenses of a trade museum to be worked conjointly with the Victoria and Albert Muscum. The number of visitọrs to the Karáchi Municipal Library and Museum fell off: no one was chosen to fill the place of the Curator, who resigned in the previous year; but while no additions were made to the museum, great care was taken to maintain and preserve the specimens previously collected.

The Archæological Survey Party of Western India began the field season Archæology. by completing the survey of the temple of Bolesvára near Yeoat. Kokamthán was next visited, and from there a tour was made through various places of interest till Sinnar was reached. At this place a large and complete "Hemadpanti" temple and a beautifully carved little temple in the Chalukyan style proved to be of very great interest. The party then moved via Patna, which is the site of a deserted city, and other places to Páchora, from which town as a centre a number of places were visited. The tour was then continued through Balsíne and Jhodga, stopping at various places en route, to Chándod, where there are several objects of archæological interest. Násik and Anjaneri were the two next stages, and the field season was concluded at Kalyan. The conservation of remains in the Bombay Presidency occupied a good deal of attention during the year, and estimates for repairs to numerous old buildings, especially in Ahmedabid and Bijapur, were approved.

Besides the sixty-three chaplains of the Church of England, eight clergy- Ecclesiastical. men were in receipt of allowances from Government. The effective strength of the establishment was well maintained throughout the year, and no important station was at any time vacant. No changes occurred in the establishment of the Church of Scotland.

The value of stock received from all sources by the Stationery Department Stationery. aggregated Rs. $3{ }_{3}^{3}$ láklıs, and stock worth Rs. $3_{\text {Tig }}$ lákhs was issued. The value of stores of country manufacture purchased during the year was Rs. 36,530 less than the corresponding value in the previous year, chiefly owing to the necessity of importing certain varieties of printing paper from England, in consequence of the high prices quoted by Indian mills; but the saving, which resulted to Government from the substitution of Indian stores for those of European manufacture, showed an improvement, and reached Rs. 99,741 in the year under review.

The gross earnings of the Government Central Press were rather greater Government than in 1890-91, chiefly owing to the increased earnings of the Foundry attached Printing Presses to the Press. The expenditure was almost the same. The net profit resulting from the printing operations of the year was Rs. 86,746, while that from the work at the Government Press, Karachi, was Rs. 9,849. The net earnings of both presses were thus more than in 1890-91; those, on the other hand, of the Government Photozincographic Office at Poona fell from Rs. 24,193 to

PART II.

## CHAPTER I.-POLITICAL.

## Tributary States.

In the following review of the administration of the Native States under the political supervision of the Government of Bombay the States are arranged in groups according to their geographical position. The North Gujarat States, forming the most important group, lie to the north of the Narbada and comprise an area more than twice as large as - that of all the remaining States. The Soath Gujarat States, which lie to the sonth of the Tápti, are comparatively unimportant. The Maratha States fall into four groups. The North and South Konkan groups lie below the ghats to the north and south of Bombay respectively. The Deccan and Southern Maritha States are situated to the soathern and eastern portions of the Deccan platean. The province of Sind contains one State. The Settlement at Aden, together with the subordinate Somali Coast and Perim, directly administered by the Government of Bombay, is also included in this review.

The following statement shows the area, the population according to the census of 1891, and the revenue of States referred to :-


Inciveling Jath and Daphipur the maparemant of which was during the joar tranaforred to tho Political Agent, Kolhipur and Bouthern Sliaritha Country.
\& Eisclame of Porim, widch is 6 equare miles.

## NORTH GUJARA'T.

## CUTGH.

## Arca, 6,500 square miles ; Population (1891), 558,415; Gross Rovenue, Rs. 21,42,157.

The dspputes between this State and Morvi continued to be troublesome. The rela- General. tions of Cutch with other frontier States were satisfactory. His Highoess the Ráo visited Brmbay in January 1892 in company with his brother Kunwar Karanji, C.I.E. His Excellency Sir George Greaves and the Honourable Mr. Justice Jardine visited Catch in December 1891.

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Tginctaky Statis. C'ulth.

# Season and Crups. 

Police.

Criminal Justice.

Extradition and Intar-statal cases.

Prisons.

Civil Juttice.

The rainfall was ngain deficient and unseasonable. Bajri suffered specially from this cause, and jowari and cotton were damaged further by easterly winds after the rains. The winter crops were good.

The force consisted of 254 mounted and 572 foot police. The cost was Rs, $1,28,505$ against Rs. 1,50,672 last year. The offences reported nambered 1,058 against 1,053 lant - year. The proportion of crime to the general population was 1.8 per 1,000 against $2 \cdot 1$. The police sent for trial 989 cases, in 888 ( 89.8 per cent.) of which the accused were convicted. The number of persons arrested and convicted in connection with these cases were respectively 2,095 and 1,559 against 1,885 and 1,480 in the previous year. The increase in the number of arrests by the police did not lower the percentage of convictions to arrests, which was 89.8 against 89.2 in the preceding year. The number of murders was 9 , the same as last year. Robberies decreased by 9 , being 13 in number against 22 last year. Property stolen was valued at Rs. 42,766 against Rs. 54,025 in the previous year. The percentage of recoveries to losses was $79 \cdot 6$, against $77 \cdot 5$, the amount recovered being Rs. 34,026 against Rs. 41,895 . Cases of suicide numbered 39 against 32 last year. Of the 39 persons concerned, 22 were females.

Most of the District Courts of Cutch were during the year of report empowered to hear and decide cases of offences committed by the employes of the Cutch Branch Telegraph Department, and other Courts were so empowered in respect of so much of the line ay lay within their respective jurisdictions. The Criminal Courts numbered 18 and disposed of 996 cases afiecting 4,019 persons, of whom 2,037 or $\mathbf{5} 2 \cdot 5$ per cent. were convicted. The corresponding figures of the previous year were $979,4,874$ and 2,085 . There were 86 appeals against 82 in the preceding year. Sentences wore reversed in 5 cases only.

Besides the ordinary State Courts mentioned above, the important Jídeja Court, for the trial of cases under the Treaty guarantee given to, the Jaidejas, exercised its functions and formed the subject of much correspondence with Government. There were aiso 22 Jaghirdárs' Courts-15 holding jurisdiction under the settlement of 1875 and 7 exercising bonorary powers. The criminal cases heard and disposed of by the furmer were 244 against 223 in the previous year, and by the latter 136 against 88 . There was only one appeal preferred against the Jághirdars' decisions in criminal matters.

In 10 cases the Cutch State surrendered persons residing in the province for trial by other States, while the extradition of 5 persons was obtained for trial by this State. One hundred and tifty-six inter-statal cases between Cutch and Morvi villages in Adhoi were disposed of during the year, leaving a balance of 165 .

There were 12 prisons in which 2,242 persons were confined against 2,332 in the previous year. Their total cost amounted to Rs. 21,273 against Rs. 17,877 in the year before. The average cost of each convict in the Bhúj Central Jail was Rs. 71. In addition to the nbove-mentioned jails there were 12 lock-ups.

The 18 ordinary Civil Courts of the Stato disposed of 2,558 cases out of 2,702 cases on their files agninst 2,992 out of 3,210 cases in the previons year. These cases were excluaive of work done by the Small Cause Courts and by the Zamindars' Courts : the former disposed of 2,131 out of 2,132 Sinall Causo cases; the latter of 185 against 344 cases in the previous year. The balances in the ordinary Civil Courts, the Small Cause Courts, and the Zamindars' Courts were respectively 144 against 218,1 against 10 , and 6 against 5 . The number of appenls for disposal was 1,077 against 1,024 in the preceding year, and the number decided was 708 agninst 724 . The arrears of appeal cases numbered 359 against 300 last year. The average value of each ordinary civil suit, Small Caute caso and appeal filed was Rs. 263 , 19, and 332 respectively. In 279 out of the 708 appenls decided, the decisions of the lower Courts were confirmed.
Registration.
The number of documents registered was 1,021 agninst 1,917, and fees realized Rs. 8,573 against Rs. 8,329 in the preceding year : 63 per cent. of the documenk registered were mortgago deeds.
Municipnitien. There were 6 municipalitics, the chief of them being at Bhaj, Mándvi and Anjar. The aggregate income of these municipalities amounted to Rs. 31,713 and expenditure to
Rs. 28,933.
Tratie and Custuma.
The value of imports was Rs. 73,27,197 against Rs. $80,82,304$ in the previons year and exports Rs. 17,70,780 against Rs. $22,69,647$. The customs rovenue fell from Rs. $8,85,1+1$ to Re. $7,58,345$ owing to the trinsfer of some items from this to other heads, and to the season. The reduction of the taxes on trade so long advocated by Government has made no progress. For similar reasons neitber of the two ginning factories could be worked with advantage. In 6 cotton presses 5,369 hales wcre pressed against 7,650 in the previous year. The number of vensels which entered the ports was 4,073 against 4, 434 , whilst
4,696 vesars 4,696 vessels left agaiust 4,516.

The outlay on public works during the year of report amounted to $\mathrm{Rs}_{\mathbf{s}}$ 2,58,979 agninst Rs. $1,75,170$. Of this total outlay, the sum of Rs. $1,00,994$ was expended is the construction of a telegraph line from the opposite border of the Runn of Cutch past Adevar, Anjar and Bháj to Mándvi; Ks. 1,8 s. s in making a survey of a possible line of railway between Mándvi and Bhij and of a tramway letween Bhdi and Khári-Rohar; and
Ms. 1,107 on improvement and repairs of barbours. The expenditure on roads, old and new, Rs. 1,107 on improvement and repairs of barbours. The expenditure on roads, old and new,
 respectively. The proportionste cont of extabisishment to pablic vorits expenditure wras $10-4$ per cent agrinst 149 last year.

The Samvat yeur 1947 opened vith a balance of Rs. $4,32,008$ and closed with one of Reveme and Rs. $5,29,1 \geqslant 7$. The revense for the year under report was Rs $91,4 \geqslant, 137$ (inchusive of Framee Ra. $3,63,324$ on aceoruts of ineone of previons years) against $\mathrm{R}_{5}$ 17,85,043. The land reveame rose by Ra, 10,414 and the marar revenue by Rs 55,478 . The expenditure wis " Re $20,95,077$ againt Rs $16,14,587$. This inclodes eerkin items of previons years debited this year. The ontinary expenditure increased by Ro. 80,752 oming to-the year of report being an intercallury year. The extracrdinary expenditare increased by $\mathrm{R}_{\mathrm{i}} \mathbf{6 5 , f 0 2}$. The figures of income and expenditure above shown are exclusive of adrances, loans, \&e.

The ares of wagte land brought under tillage was 850 acres against 3.600 acres in the Agrialtand precefing year. The old artesing wells were ntilized in several locabities One hondred and ingeorernin sixty-five new welle mere sunk and 107 old ones repaired. Owing to deficiency of rainfall, orell irrigation wras largely made use of. The State made talorivi adrances to the amomit of Koris 35, 485 to indigent enltivators.

The surver establishment of the State mensured 67,973 geres by crass staff and 191 miles Sarveyby theodofite in 10 viliages during the year of report. The average wort done per rupee was 8 ecres and 27 gunthis.

The record of birthe and deaths for State territory was 7,071 and 4,937 against 6,421 Vital Senaiatics and sind 4,32 2 respectively in the preceding year. No reoprd vas kept on the Zamindinn' estates. Medieal Retion. At the 9 bospitals and dispensaries there were 78897 patients treated at a total cost of R6. 34,507 against 79,603 patients at 2 cost of Rs 32,950 in the previons year. The Lunatic Abylum at Bhtij contxined 14 immates against 10 last year, and the Foundling Hospital took charge of 24 orphans against 21. The namber of vaceinations daring the Fear nuder report was 21,603 aguinst 20,619 . Enghish lymph was obtained through the Sanitary Commiscionter, Bombery, and nsed to adrantage. The cost of the Yaccination Department Wes Rs. 7,239 against Rs. 7,016.

The mumber of pupits in the 125 schools belonging to the Stafe was 7 , $\mathbf{7 5 7}$ against 7,183 Edmextine papils in 194 sehools in the previons year. Private schools deerensed in number from 119 to 116. Expenditure on education amounted to Rs 73,410 against Rs. 78,426 in the year before The number of Darbati scholarships awarded was 84 , of which 50 were given to females. There vere 7 libraries in the State with 5,972 books. A printing press belonging to the State was worked at a profit. The State gave Rs 5,948 in bounties to different Gujarati suthors, and made special donations amornting to Ris. 4,550.

The number of pripils at the School of Art fell from 102 to 100. The results achiered Miscelmanoss by pupils ath the Sir J. J. School of Art examination were satisfactory. Fonr stallions were maintained in Cutch by the Government of Bombay. They eovered 124 mares against 154 in the previons year. The infanticide fund was provisionally snspended during the year. The number of marriages decreased by 40. The cases of bresches of infanticide rules nambered 53 against 42 , and in varions directions the continmance of infanticide forced itmelf upon the attention of Government. The amonnt of fines inflieted was Ps. 122 against Rs. 350 last year.

## PATANPUR

Ares, 8,000 square miles ; Popalation (1891), 6t5, 726 ; Grose Revenue, (Approximately), Re 15,63,872.
The Political Superintendency of Palanpur comprises the two first class Siates ofPálanpur etabe in the and Ridhanpur and mine other tólnkas Euperiatendency.
 as marginally noted, the Chiefis of some of which have petty jurisdietional powers. Both Palanpur and Kánkrej pay tribate to His Highness the Gáekwar of Baroda.
The peace of the frontier remained undistarbed.
The rainfall was again scanty and untimely, and very severe scarcity of water and fod- Saquon ewd crops der was felt in some of the talukas, while the prices of food-grains ruled high. $A$ number of people consequently migrated to neighbouring States. There were no epidemies, and the year was a bealthy one,

During the year the appointment was sanctioned of a Native Assistant to the Political Important everas Superintendent, Palsmpux.

His Highness the Divan made a trip to Northern India. Mr. Gulám Mustafa resigned patanpor Sace his daties as Chief Yinister, and was succeeded by Mr. Dolabhji D. Ved. The wort Gacerl of the adjudication of the rights of Pálanpur and Dants in the co-shared villsges was taken in hand. The Wantás of Chansol and Aagwasna in Baroda territory beionging to Palanpur were exchanged for an anmal cash payment by the Baroda Darbar. -

The revevue of the Palanpar State during the year under report (commencing from 19th Jone 1890 and ending 7th July 1891) amounted to Rs. $6,14,044$, and the expenditure Reverre and was Re 592,200, leaving a surplus of Rs, 21,744.

Chap. I. 4 politicas

Tributary Statre. Pdanpur.

The measurement of 11 villages was completed during the year and that of 15 others was in progress. The total of numbers measured was 1,641 with an area of 10,541 acres. No numbers were classified. The total cost of the survey was Rs. 4,289 , against Rs. 4,595 the previous year. The special surveyor employed for surveying the co-shared villagess of nescessment.

## Other matters. <br> Rdihanpur Slate. General.

Revenue and
Expenditura.

Revenue Survey.

Other Stales and Taluikes. Gadhwada and Dánta completed the map of Nagel and commenced the survey of Andharia.

Fifty three packa and 255 katchs wells were sunk during the year under report.
During the year His Highness the Navab proceeded on a tour to Northern India. The transfer, during the year, of the work of collecting revenue from karkúns to well-paid mahalkaris resulted in an increase of revenue of Rs. 87,388 .
"The revenue of - the Radhanpar State for the Samvat year 1947 amounted to Rs. $6,08,122$, while the expenditure was Rs. $5,66,225$, showing a surplus of Rs. 41,897, againet Rs. 23,153 the previous year.

During the year under report the measurement of 7 villages was completed and that of 8 others was in progiess. The total of numbers measured came to 1,413 with an area of 11,559 acres. The cost of the survey was Rs. 3,561 , against Rs. 2,219 the previous year. Two new villages were popalated during the year and 2,262 acres of waste land brought under cultivation. There were 132 katcha and 3 packa wells sunk during the year.

Thákor Khengarsingji died in January, aged 56, and was succeeded by his son, Thákor Abheysingji. Waghella Gambhirsingji of Diodar, one of the principal shareholders, died in December and was succeeded by his nephew, Sardarsingji.
The Superintendercy generally: Attachmenta.

Police. ments were imposed during the year and 5 removed. The only important one among the attachments is that of Málek Jorávarkhan Umarkhan of Várahi. This estate is now free from debt.

The strength of the Palanpur Imperial Police Force remained the same as last year. The conduct of the force was good. The total number of offences reported to the police as having occurred within the Superintendency jurisdiction was 775 against 549 the previous year. The number of persons arrested was 1,031 against 741 the previous year. Of these 945 were sent for trial, of whom 521 wero convicted and 421 were acquitted or discharged. The percentages of convictions to persons arrested and to those sent for trial by the police were 50 and 55 against 60 and 63 respectively during the previous year. The value of property stolen was Rs. 18,374 against Rs. 13,904 last year, The amount recovered was Rs. 11,042 against Re. 8,670 , giving a percentage of 60 against 62 last ycar. In the Jurisdictional States (Pálanpur, Radhanpur, Tharad and Váv) the number of offences reported to the State police was 1,338 , against 1,634 , and the number of persons arrested 2,125 against 1,983 . Of these 1,588 were sent for trial, of whom 1,007 were convicted and 490 were acquitted or discharged-the percentages of convictions to accused arrested and to those sent for trial being 48 and 63 against 47 and 58 respectively the previous year.

Criminal Justice.

Prisons.

Civil Jentice.

The number of trials held in the Superintendency Courts propor during the year under report was 794 against 518 the previous year. The number of persons involved was 1,510 against 1,133 . Uf these 852 were convicted and 658 acquitted or discharged, againat 588 and 545 respectively last year. At the close of the year there was a balance of 7 cases undisposed of. The number of trials held in the Courts of the States possessing jurisdictional powers was 1,954 agninst 2,198. The number of persons tried was 3,857 against 3,475 . Of these 1,768 were convicted and 2,091 acquitted or discharged.

There were 5 jails in the Superintendency. Two thousand and sixty-nine persons were admitted during the year under report, against 1,788 the previous year.

In the Superintendency Courta the balance of original suits at the end of the previous year was 809 and the number of suits filed during the year undel report was 564, making a total of 873 , of which 678 were disposed of, leaving 105 in arrears at the close of the year. The number of political cases decided was 19 , of which 17 were about land. The number of civil appeals decided by the Courts of the Political Superintendent and the Assistant Political Superintendent was 82 , of which 40 were land cases, 34 money suits and 8 miscellaneous. In the Courts of the States exercising jurisdictional powers, the total number of original civil cases disposed of was 4,371 , valued at Rs. 2,12,585, against 4,987, of the value of Rs. $2,19,262$ in the previous year. The number of civil appenls disposed of was 127, of which 75 were disposed of by the Palanpur Appellate Court, 47 by the Radidhanpur Appellate Court, 3 by the Conrt of the Thakor of Tharad and 2 by the Court of the Rána of Vav. The Palanpur Court further disposed of 318 political cases, of which 129 were compensation suits.

The construction of the new jail outside Palanpur was making slow progress. A new bnilding for the girls' school and the Goodfellow Hospital were approaching completion. The Pálanpur Darbar spent Rs. 26,775 during the year on public works, exclusive of repairs, \&e., to the Darbar buildings and gardens. The Radhanpur Darbar with a view to improving the water-supply deepened the tank and connected it by a canal with a storage rescrvoir formed by the construction of a dam across the Banas; and also commenced a large now building for the jail. The total expenditure upon public works was Rs, 16,044. The Thákor of Tharad spent Rs. 2,500 on a dharmshála and a temple.

The number of persons vaceinated during the year under report was 21,473 against 19,629 hant rear. The cost was Rs, 4, 074, against Ra 3,8077 . There were 41 persons atraciked with small-pox, of whom 5 died. The total number of patients treated during the yeur at the 6 bospitals and dispensarien was 27,826 , against $\mathbf{2 7 , 2} 25$ the previons year.

One new school was opened and one abolished during the year. The total number Edecatione of achools strod at 50. The number of pupils attending was 3,348 agaiost 3,395 . The daily everage attendance was $2,447 \cdot 37$ against 2,402-24. The total receipts amountsd to Rs. 1,838 against Ra 2,355, and the total expenditure to Rs. 29,478 against Ro. 21,023 the previous Year. The number of prirate nchonls was 47 agrinst 51, and the number of boys attending them 1,134 against 1,112. The night schools were closed for want of support

Catile-disesse attacked 2,090 head of cattle, of which nearly $\mathbf{5 0}$ per cent. died. Mimoeltrmone Thirty-eight cherts of opium were issued for retail sale as against 36 last year. Imports amounted to $55 \frac{1}{\frac{1}{2}}$ chests as against 79. The 2 Government stallions covered 73 mares as ggainst 16 last year.

## MAFI KATTHA

Aren, 3,528 equare milen; Popaletion (1801), 581,568; Groes Revenme, Re. 11,97,619.
The Mahi Kinthe Political Agenct consists of a group of 64 States of various sizes Cemeral, lying on the bonders of Rájputáns, of which 28 exereise limited jurisdiction, whilst I'dar is a 1st class State and Tintoi is subordinate to it The State of I'dar contains more than half of the totel population and, while paying tribute to the Gáekwar of Baroda, itself receives tribute from some of the smaller States. The remsinder pay tribute either to the Gsekwár or to the British Government No event of importance occurred during the year under report. There was no disturbance of the peace of the frontier. The dispute regarding the corrected demarcation of the Sirohi-Dánta' froitierwas decided against Simhi The Kundol-Mahura dispute and Dantor-Waje case were investigated, and a separation of interests of the Bhils of each side of the border in the Mahurs groves was effected. A border Court was held at the same time and 64 claims settled. The Thákor of Warsoda, Kishorsingii, a fourth-class tálakdar, died and was succeeded by his son Surajmalji ; the Thákor of Magori, Himatsingji, a fifth-class tálukdár, died and was succeeded by his son Mokamsingji. Prathirdj, a shareholder in the seventh-class taluks of Virsoda, died, and his estate was attached pending partition. The Thakor of Warsoda accepted the principle of a commatation of his wanta lands in Baroda territory for an annual cash payment under certain conditions. The Mánss wánta was transferted to the Gáekwar's Government during the year in pursuance of the settlement previously effected. There were 19 estates under management during the year, and a considerable amount of debt was paid off

The revenue and expenditure of I'dar were Rs. $6,07,985$ and Pis. $5,60,560$ respectively Pder. against Re $5,72,790$ and Rs $4,97,292$ in 1890-91. The efforts of the Divan to develop the respuress of the State were much hindered by the lawless character of the popalation on its hilly frontier. The relations of the Darbar with its subordinate Bhamia Sardars were not perfectly satisfactory.
$\therefore$ The Pol State was under attachment, and the heir-apparent was receiving tuition at the PoL Rájkumar College, Rajioot. The revenue and expenditure were Rs. 17,838 and Rs-21,180 reapectively. The Japtidár proving incapable was dismissed and replaced by a more competent substitate.

Receipts and expenditure respectively amounted to Rs, 46,001 and Rs, 47,001 against Dtats Re, 50 ,fof and Rs. 65,001 in 1890-91. The future roler was being edncated at the Mavo Coflege, Ajmere. In accordance with a proposel emanating from the Mabaraina, the foundations of a hospital were laid at Danta.

The لIalpur State had a revenue of Rs. 20,315, and an expenditure of Rs. 20,346 .
The reeeipts and expenditure both amounted to Rs 20,077. Nothing was expended on Katomen. public works during the year. Numerous complaints received pointed to an unsatisfactory administration.

The revenue of the llol State amounted to Rs 24,396, and the expenditure to Rs, 24,286 nol The judicial administration exhibited grave irregularities.

The Manasestate wes under management during the year. Receipts amounted to Rs.59,925. Minan and expenditure to Rs. 85,961 . Rs. 28,436 were written off on acconnt of arrears of the revenue from the wanta irrecoverable after the settlement with Baroda, Rs 6,536 were spent cn public works, and R.s. 5,865 were paid towards the liquidation of the debt against the extate, which was reduced to Rs. 420. The young Chief continued to make progress at the Rajkkmar College.

The Bavisi Zills continued under the charge of the Assistant Politieal Agent. No serions Bariai zithcrime oocurred duriag the year. The number of cases reported to the Mapisterial Conrts again fell from 130 to. 116. The value of property stolen, howrever, rose from Rs 658 in $1890-91$ to $\mathrm{Ra} 1,236$ in the year under report. Of the amonnt stolen 38 per cent was recovered against 30 per cent. in the preceding year. There was a further decline in the namber of eivil suite filed. Education made very slight progress during the year.

E 741-2

Teibutary states. Mfaki Kantha, Seasan and Cropa. The Agency Police.

The monsoon was late, scanty and unseasonable, and the outturn of both kharif and rabi crops was below the average.

There were two police forces in the Agency-the Agency police and the State police. The strength of the latter was 105 savers and 1,030 foot police, and it was maintained at - B cost of Rs. 94,113 , the cost of the previous year being Rs. 94,811 . The Agency prilice consisted of 141 savars and 257 foot police, and was maintained at a cost of Rs, $83,0 \% 6$ against Rs. 82,802 spent on it in the previous year. The number of offences reported to the police fell from 1,232 to 1,172 ; the number of accused arrested from 1,576 to $1,5 \% 3$; the number of accused sent for trial rose from 1,436 to $1,4.53$; and the number of convictions fell from 889 to 864 . The percentage of convictions to arrests ( 56.73 ) was practically the same as in the year before; the percentage of convictions to accused persons sent for trial fell from $61 \cdot 90$ to $59 \cdot 4$. There was a decrease in crime gencrally, except in 10 States, but crimes of a violent nature were as rife as ever, and the number of murders committard was 23 as against 21 in 1890-91. The amount of property stolen in robberies and dacoities rose to Rs. 14,389 from $1 / \mathrm{s}$. 6,529 , while 46 persons were wounded in the commission of such offerices as against 26 last year.

In all 1,780 offences were reported in the year against 1,755 in $1890-91 ; 3,413$ persons were dealt with by the Courts against 3,212 dealt with in the preceding year. There were 1,454 persons convicted out of this number. In addition, the Sessions Court of the Political Agent tried 11 cases with 20 accused, of whom 4 were convicted and sentenced, and the remainder acquitted. There was only one appeal against the Political Agent's decisions; in that case the sentence was reduced. Nine cases were tried in the Sessions Court of the I'dar Darbar, in which 18 persons were concerned. Uf these, 10 were convicted and 8 acquitted. In the Dinta Sessions Court there was only one case tried, in which the 2 accused were convicted. In the 3 appellate Courts-the Political Agent's, the Assistant l'olitical Agent's and that of the l'dar State-35 appeals 'were heurd, and in 19 cases the original sentences were confirmed.

In the 30 jails of the Agency 948 prisoners were confined during the year as compared with 1,026 in the year $1890-91$; and the daily average in the jail fell from $2 \% 5$ to 181 . The cost of maintenance of the jails was Rs. 13,903 against Rs. $1 \mathbf{5}, 171$ in the yenr before. A new jail was being built at Pol.
Civil Justice.

Registration.
Fablic Works.

Trade.

Revenueand
Finance.
The number of civil tribunals in the Agency remained the same (45). The total nuniber of suits for disposal during the year was 2,758 against 2,658 in the previous yenr. Uf the 2,758 suits, 2,474 were disposed of, leaving a balance of 284 for disposal against 452 at the end of 1890-91. The total value of fees realized on the above suits was Rs. 13, 246; the corresponding amount for the previous year being ks. $11,3+7$. 'I'he value of claims tiled was Rs. $1,43,164$ against Rs. $1,47,456$ in 1890-91. Uf 184 appeals for disposal, 79 were decided, leaving a balance of 95 to be dealt with. Ihere were 2,311 applications for execution of decrees miade and executed; the corresponding number for the previous year was 1,637. The Agency Courts decided 96 out of 442 political cases for disposal and the Political Agent disposed of 9 political appeals. There were 7 appeals to Government against the orders of the Political Agent, in $\mathbf{6}$ of which the orders were confirmed and in the other moditied. .

Thirty-four documents were registercd in the Agency, realizing fees to the value of Rs. 157.

In I'dar there was an expenditure undor this heal of Rs. 26,094, in Dánta of Rs. 6,500, in Sudasna of Rs. 1,000, and in the attuched States of Mánsa, Mohanpur nud Hudol Rs. 8,553 in all were spent on public works. In the 'lhana circles only Rs. 800 were reported to have been spent on useful works.

There was a slight improvement in the dyeing trade of Pethépur, while that of Yásna fell of, The value of dyed cloths exported from Pethipur during the year was Rs. 61,950 against Ks. 57,300 in 1890-91. In Visua the figures were Rs. 1,67,650 against Rs. $1,80,637$.

During the year Samvat 1947-corresponding to the ravenue year 1830-91-the gross revenue showed an increase of Rs. 50,614 as compared with that of the preceding year, the figures being for Samvat 1947, Rs, 11,97,619, and for Samvat 1946, Rs. 11,47,005. The expenditure increased by Rs. 80,636 , that for 19.46 being Rs, $11,05,403$ and for the year nader report Rs. $11,86,045$. In several States the expenditure exceeded the income owing to marriage and other ceremonies. The receipts on uccount of local funds for the year 1801-92 amounted to Rs. 71,687 agninst Rs. 61,390 in the previous ytar, while the expenditure fell from Rs. 51,829 to Rs. 51,076 . 'The balance at the close of the year was Rs. 1,15,439. The total amount of tribute for collection in $1891-92$ was Rs, $2,14,881$, of which Rs. $1,84,515$ were recovered and 1 is. 20,371 remained for collection.

Medical Meliof. year. The number patients treated in the 13 dispensaries was 46,774 against 33,237 last to 13,641 in 18 ber of vaccinations rose from $14,64 \times$ to $15, \mu 91$. The number of births rose 9,742.

The number of schools, excepting night schools, was 102 , the same as last ycar. The number of scholars rose fron 6,239 to 6,476 , their average daily attendance being $71 \cdot 4$ per cent. against 73.4 in the year before. 'There were 9 girls' schools with 369 student, 8
against the same number of schools with an attendance of 345 in 1890.91. There were 3 Tributary itatha. Bhil schools in charge of the Reverend Mr. Thompson, with 93 students; 2 new Bhil schools were being built. The number of Kumars attending the Scott College rose from 28 to 30: The total cost of education was Rs. 22,520; that of the previous year was Rs. 31,620

The total quantity of opium issucd to Native Chiefs was 9,932 lbs., or 70 lbs. less than Miscellnneous. last year. A survey was made of a proposed feeder railway from "Ahmedábad to Parantij. The usual fair at Samlaji passed off without incident, the trade done being a slight improvement on the previous year.

## KA'THIA'WA'R.

Area, 20,496 square miles ; Population (1891), 2,752,404; Gross Revenue, iss. 1,46,81,445 (npproximately).
The province of Káthiáwar contains 188 States of varying size and importance, the The States, principal being the first class States of Junngad, Navanagar, Bhánagar, Porbandar, Dhrángadra, Morvi and Gondal, and the second class States of Vankaner, Palitana, Dhrol, Limbdi, Majkot, Wadhwán and Jáfarábád. The States of Porbandar, Vankáner, Rájkot Mánávadár, Láthi, Kotala-Sángáni, Vadia, Mengni, Rajpur, Vadod, Dasádo, Chital and Sanálá are under management. The other States of the first two classes are governed by their respective Chiefs, who exercise full jurisdiction over their own subjects. The remaining States are divided into five classes, and the powers of the Chiefs are graded in a diminishing scale, the residuary jurisdiction resting in the Political officers who superintend the various groups under the direction of the Political Apent in Káthiáwár. Thirteen States pay no tribute, 97 pay tribute to the British Government, and 78 to the Gaekwar of Baroda.

On the 2lst January 1892 Navab Sir Bahádur Khánji Mohabat Khínji, G.C.I.E., ruler of Important events. Junágad, died at the age of 36. After a lapse of some months, Rasul Khanji, next younger brother of the deceased, was formally proclaimed Naváb. The year was 'rendered noteworthy by the formation of the Káthiawar Imperial Service Troops. The powers of Managers of States were defined and classified according to a scale approved by Government, and provision was made for appellate and revisionary jurisdiction. The Jetalsar-Rájkot Railway, which owes its origin to the enterprize of the States of Junágad, Gondal, Rajkot and Azam Surag Wala, Shareholder and Talukdar of Jetpur, was taken in hand. The Jubilee water works, referred to last year, were brought to a most successful completion at a total cost of Rs. $1,86,000$. His Highness the Maharaja of Bhávnagar marked the year by codifying the various rules and regu-lations in force,-a work for which His Highness was fortunate in being able to avail himself of the experience of Mr. Dosálhíi Framji. A disastrous flood occurred at Mahuva in July. A light-house at the mouth of the Bhavnugar creek was completed and opened. The Takhtsingji Hospital at Bhávnagar was also completed. In 1892 the Bank of Bombay established a branch oflice in Bhavnagar.

The rainfall was irregular in different parts of the province. The monsoon did not burst Senson and Crops, till July and closed early. Soms portions of the north suffered from scarcity, but relief works were started by the Morvi State, and the construction of the Jetalsar-Rajkot Railway afforded occupation to those in need of work.

- The States' police were wanting in discipline and organization; the work of the Agency police Police. was satisfactory. Cognizable cases reported to the Agency police fell in number from 606 to 530 in the year of report. They included 10 murders, 2 dacoities and 9 robberies. The total number of offences reported to the Apency and States' police fell from 10,462 to 9,606 . The number of persons arrested was 11,210 agrainst 11,424 in the previous year. The number of accused sent for trial was 10,746 against 10,732, and convictions rose from 6,200 to 6,247 -the percentage of convictions to arrests being $55 \cdot 73$ against $54 \cdot 27$ in $1890-91$. The above figures include the police of the Bhávnagar-Gondal-Junagad-Porbandar and of the Morvi State Railways and of Rajkot Civil Station. The value of property stolen was Rs. 2,34,817 against Rs. 2,30,7 $\mathbf{4 9}$ in the previous year, and the percentage of recoveries rose from $41 \cdot 67$ to $46 \cdot 03$. The total strensth of the Agency and States' police, including cavalry, was 8,197 men maintained at a cost of Rs. $10,15,897$.

The year witnessed the outbreak of outlawry on the part of a daring band of Mianas, Prevalence of outsubjects of the Thákor of Mália. The outlaws, owing to the sustained pressure of pursuit, lawyy. were only alle to accomplish two successful dacoities. They had several affrays with the police, and after the close of the year committed several robberies and murders.

To the Criminal Courts of the province, including the Agency Courts and those of the Criminal Justice. jurisdictional States, 18,758 offences involving 27,901 persons were reported agrainst 18,552 offences with 25,347 accused in the previous year. Of these cases the Agency Courts tried 1,391 involving 2,600 persons, of whom 9 SO were convicted. The corresponding numbers for the previous year were 1,171 cases with 2,223 accused persons, of whom 1,006 were convicted. Of all those sent before the Courts of the province, 10,821 were convicted, 9,929 discharged without trial, and 6,164 acquitted. The number of accused awaiting trial at the close of the year was 779 concerned in 351 cases. In the 78 criminal appellate Courts of the province, appeals were filed against their sentences by 1,911 persons. Of these judgments 1,034 were confirmed, 406 mudified and 409 reversed. There were 36 appeals pending at the close of the year:

The total number of prisons and lock-ups fell from 157 to 154 . The number of prisoners con- Prisons. fined rose from 10,467 to 11,194 . Expenditure on jails fell from Rs. $1,36,689$ to Rs. $1,31,400$.

## POLTTICAL

Tridutart statas.
Kdiliaizdir und Cambay. Civil Justice.

Registration.

Public Works.

Local Funds.

Budget Eatimate.

Medical Relief.

Education.

The Ageney Civil Courte disposed of 3,625 original civil suits, or, including political casten and regular civil suits on appenl, they decided 3,807 suits of the aggregate value of Re. $35,71,695$. Taking the whole province, 207 civil tribunals decided 34,365 civil suits atrainst 34,365 in the preceding year. T'he arrears for the whole province fell from 6,295 at the close of 1890-91 to 5,573 at the close of the year of report. There was a further alight decrense in litigation. In

- the Rajasthanik Court the number of reprular cases decided fell from 177 to 160 ; and there were 457 cres awaiting settlement at the close of the year. The number of mincellaneous orders passed by the Court fell from 8,252 in 1890-91 to 7,966 in tho year under report. The arrears of civil work in the Porbandar, Limbli and Malia States were reduced during the year, but the returns for Navinagar, Goudal and Muli showed large arrears. The total number of civil appeals for disposal in the province during the year under report was 2,207 against $2,35{ }^{\circ}$ in the year before. Of these, 1,637 were diaposed of against $1,08, b$ in $1890-91$. The number of applications for execution of decrees was 3,234 against 2,848 last year.

The number of documents registered was 503 of the total value of Rs. $6,70,355$ agninst 507 of the value of Rs. $5,88,800$ last year. The fees realized rose from Rs. 7,489 to Rs. $8, v 12$.

The total exports by sea amounted to Rs. 2,45,65,437 and imports to Rs. $1,59,82,152$ as aggainst Rs. $2,77,56,499$ and Rs. $1,74,42,418$ respectively the previous year. The decrease in exports was duc to the partial failure of crops. There was a decrease in the traffic of the Bháv-nagar-Gondal-Junagad-Porbandar Railway and a slight increase in that of the Morvi Railway.

The expenditure on public works by the Native States during the yearaggregated Rs. 22,24,451 against Rs. $20,75,000$ in the previous year. Bhavnagar again headed the list with an expenditure of Rs. $10,14,042$. Porhandar, Dhríngadra and Gondal were the only first class States which devoted less than a likh to pullic works. The cost of works carried out under the superintendence of the Ageney Engineer, the most important of which was the Jubilee water works, amounted to Rs. $2,66,626$.

The total revenue of the Consolidated Local Funds of Káthiáwar for the year under report amounted to Rs. 97,816 and the expenditure to Rs. 1,02,517. The closing balunce to the credit of the fund was:-

The reecipts and expenditure for the previous year were respectively $\mathrm{Rs}_{\mathrm{s}}$. 73,236 and $\mathrm{Rs} .93,188$. The increase in receipts was due to the amalgamation of the tent and Print survey funds and also to a larger income under the heads "Percentage on the revenues of the attached and managed estates" and "Maintenance of prisoners," \&e. Repairs to buildings, cost of surveyors' extablishment and maintenance of prisoners were accountable for increased expenditure.

The ludget estimate of the Chiefs' general fund for the year ending 30th June 1892 was submitted to Government. The proposals regarding an improved classification and re-organization of the local funds of the province, referred to in last year's report, were carried out during the year.

Hospitals and dispensaries numbered 93 as agninst 88 last year. The total number of patients treated was 533,419 against 498,198, and the total cost Re. 2,00,117 nerainst Re. $1,89,924$. The number of vaceinations rose from 82,048 to 83,442 . The percentage of successes in primary vaccination was 95.38 . Jungrad, Návouagar and Bhávnagar are being entrusted with the control of vaccination within their respective limits, with effect from the close of the year. During the early part of the cold weather, fever of a severe type, akin to intluenza, was prevalent; otherwise the year was healthy.

Including the Rajkumar College at Rajjkot and the Tálukdári Giráseia School at Wadhwán, the Sámaldís College at Bhivongar, the 5 high schools, 2 training colleges and 17 . AngloVernacular schools, there wero in all 939 educational establibiments in the province-an increase of 20 on the previous year. The number of pupils was 59,804 against 58,030 ; the total expenditure on education was Rs. 5,35,647 against Rs. 1,46,079. The proportion of scholars to population was 1 to 46 .

The tribute demands of the year nmounted to Rs. 11,44,439 including Re. 65,755 on account of arrears. Hs. $10,81, \Varangle 71$ were collected, leaving an outtanding balance of Re, 63,167 .

CAMBAY.
Area, 250 square milen; Population (1801), 80,722; Gross Revemue, Rs, 8,09,096.
The year was one of excellent progress unmarked by any notable event, and political relations with neighbouring States were satisfactory. In pursuance of the work of re-organization referred to last yenr, it was found necessary to decentralize work a great deal, thereby increasing the responsibility and authority of heads of departments and relieving the Dewan of some of the work with which he was overwhelmed, The Revenue Survey settlement advanced a further step, and the important measure of classification was completed. The calculation of the relative value of each survey number was in progress. Pending its completion the old revenue systern, described in last year's report, was in force. 'I he one Girissia dispute was in a fair way to settlement by arbitration; of the three boundary

# dispates between State and British villages one was settled, and there was a prospeet of an Trnarnary Sramen 

 early settlement of another.The season was a good one and wheat yielded a bumper crop, but the rain was late Seacon and Cropa and rice cropa were consequently meagre. Rinderpest sppeared in one village. While wages were stationary, food-grains were dear.

The military force of the Cambay State dropped in number from 471 to 433 , while Hyiltary. the cost of maintensnce was Rs, 38,467 against Rs. 42,479 in the previous year, a material reduction of Rs. 4,000 .

Further modifications and a slight rednction were effected in the police force, the Police and criminal sanctioned strength of which was 177 men against 191 in the previous gear. Their cost fell Janice. from Rs. 45,147 to Rs. 40,764 . In the matter of crime, comparison with the pravions year is not of great value, as daring $4 \frac{1}{2}$ months of $1890-91$ the statistics were inaccurate. The number of offencea reported to the police was 352 against 214, and the number of persons - arrested was 400 against 406 in 1890-91. All those arrested were sent for trial as in the previons year, and 201 were convicted this year as compared with 197 in the year before. The percentage of convictions to arrests thus rose from $48 \cdot 5$ to $50 \cdot 25$. The valne of stolen property aggregated Rs. 8,195 , of which Rs. 3,409 were recovered, while last year Rs. 2,438 were recovered oat of Rs, 8,575 stolen ; the percentage of recoveries thas improved from 28.4 to 41.5. There was no change, daring the year, in the number or constitation of the Criminal Courts. Ont of 966 persons concerned in 512 cases, 292 were convicted. Last year 271 persons were convicted out of 865 concerned in 395 cases. Daring the gear, criminal appeals were made by 53 persons; in the case of 32 the sentences were confirmed, 16 sentences were modified, 3 reversed and 2 remanded. The special Political Agent presiding over His Elighness the Naváb's Conrt disposed of all the 7 special appeals filed.

The Cambey jail was described last year as small, insecure and ill-ventilated. Staps wers being taken to remedy all these defects during the year of report, and the improvement in the ventilation was completed. The number of prisoners confined during the year was 187 against 161 in 1890-91; the daily average, however, fell from 51 to 46 . The maintenance of the jail cost Rs. 4,382. Nine prisoners died daring the year, 4 of the deaths being due to influenzs.

In addition to the two civil appellate Conrts and one of original civi jurisdiction existing last year, a Small Canse Court and a Sardírs' Court were constituted this year, the latter being derised to meet the case of plaintiffs against the highest class of Nobles and Sardars of State, who claimed exemption from the jarisdiction of ordinary Conrts. Appesls were first heard by the Dewan, and special appeals from the latter lay to His Highness' Court. Inclading 340 outstanding suits there were $2, \mathbf{7} 21$ for disposal, of which 2,532 were decided, leaving 189 still to be dealt with at the end of the year. The aggregate value involved in these suits was Rs. 98,640 against Rs. 92,383 last year. The Sardárs' Conrt disposed of 10 out of 17 suits before it. With the arrears of 186 from the previous year there were in all 291 civil appeals for disposal ; of these 195 were decided, leaving 96 to be dealt with-a great improvement on the previous year, when only 54 appeals were disposed of. In His Highness the Navab's Conrt all the 21 specisl appeals on the file were disposed of. With $2,019 \mathrm{applications}$ for execution of decrees ootstanding at the beginning of the year there was a total of 4,386 for disposal. The Civil Judge disposed of 3,760 of these, thas reducing the outetanding balance at the close of the year to 626 only .

The number of docnments presented for registration rose from 654 to 983 and of those Regintration registered from 568 to 917 , representing a valne of Rs. $2,89,872$ against Rs. 2,05,827 in the previous year.

The income of the Cambay Mnnicipality rose from Rs. 7,897 to Rs. 8,477 and the expen- Manicipalitien. diture fell from Ks. 32,699 to Rs. 15,074 . The State contributed Rs. 6,597 to meet the deficit.

Several pablic works of a minor description were completed daring the year, notably Prblic Work: She triple gateway with clock tower. A State dispenssry was under constraction, and progress was made with improvements to the jail. The expenditure of the department was Rs. 43,874 against Rs. 26,036 in the year preceding.

- Total receipts amonnted to Rs 8,09,096 against Rs 6,05,178 in 1890-91; disbnrse- Redrenue and ments rose from Rs, 6,47,502 to Rs. 7,17,760. There was a closing balance of Rs. 91,336. Finsace The largest item of disbursement was the repayment of State debts, towards which object Rs. $1,42,012$ were devoted. The forecast as to liquidation of liabilities was being steadily and panctaally carried out.

The total number of patients treated at the dispensary was 18,490 against 8,900 in the Vital Statistics and previoas year; the daily average attendance was 309 against 177, and the cost Hs. $\mathbf{3}, \mathbf{5 7 2}$ Medieal Relief. against Rs. 5,110 in $1890-91$. The year was not very healthy, bat there was no serions epidemic. The registered birth-rate per mille was 29 and the death-rate 33 against 18 and 25 respectively in the previous year. There were 2,228 vaccination operations against 2,402 in the year before.

The number of schools was increased by 5 during the year, making a total of 15. Edication The attendance of boys was 1,327 and of girls 218 against 1,050 and 170 respectively for the ycar 1 $\times 00-91$. The cost to the State was Rs. 6,358 and receipts from school fees reached Re $1,4(0$ as against Rs. 6,416 and Rs. 1,269 respectively last year. On the whole, education made progress during the year, but was still in a backward condition.

POLITIOAI.
Tributabt Btatre,
Rewa Nintha and Ndrukol.

The kewa Kánthe Agency consists of one first class, five second class and fonr minor States, besides fifty-one petty Mewási estates. The first class Sitate of Rijpipla was ander the - administration of an officer of the British Government. Of the Mewasi estates, fifteen were managed directly by the Agency owing to the minority or indebtedness of the Thikors. The opium and abkári administration was satisfactorily conducted on British principles throughout the year, and the sale of licit opium was brought to account. The relations of the Rewa Kantha States with all their frontier States continued friendly. Tbe usual Border Court for the settlement of disputes between the States of Bánswada and Kushálgad and the neighbouring Rewa Kántha States was held during the jear, but no occasion arose for the meeting of a Court on the Dungarpur frontier.

The most important event of the year was the conclusion of an engagement between Government and the Bariya State by which the latter engaged to abolish transit duties in consideration of the appropriation of the tribute due to Government to certain specified objects. Other events deserving mention were the sottlement of the fbkári compensation of Dámi Wásawa in Rajpipla; the liberal co-operation of the Raja of Bariya in the construction of the Godhra-Kutlam extension through his State; the conclusion of an exhaustive enquiry jnto the question of the jurisdiction over the village of Lambhu pending between Lánáváda and Dungarpur ; the change of Divans in the States of Lúnáváda and Chhota Udepur ; the placing of the Mewas establishment on the list of pensionable servants; and the introduction of survey settlement into the Shiors Estate.

The season was on the whole a favourable one. There was no remarkable fluctuation in the prices of food-grains. Public health suffered through fever and influenza, the type of the latter in Rajpipla being severe.

The revenue of the Rrijpipla State during the year amounted to Rs. 7,73,973, while the expenditure was Rs. $6,82,581$.

The administration of the Chhota Udepur State was conducted by the Raja with the assistance of his Karbhári. During the year, Mr. Dinshaw Jamsetji, who resigned the office of Kárbhari, was succeeded by Ráo Bahádur Mansukhrám Mulji. The revenue amounted to Rs. $2,30,65$ on against Rs. 2,17,367 in $1890-91$. The expenditure whs Rs. 2,00,502, or Rs. 16,420 more than that of the previous year. A sum of ks. 26,851 was spent on public works, but very little of this was devoted to objects of public utility.

Báríya.
The management of the Bariya State was carried on by its Chief with the aid of his Karbhári, Mr. Harilal Mansukhram, who has served the State for some years. There was a considerable increase in the revenue, which amounted to Rs. 2,71,003 against Rs. 2,49,479 last year. The expenditure was returned at Rs. 1,78,520. A sum of Rs. 14,321 was spent on State buildiugs and other public works,

In the Lhnávida State the Raja himself took a large share in the administration. The Divan was changed during the year. The income of the State rose from Ks. $2,21,532$ to Rs. 2,35,005. The expenditure amounted to Rs. 2,30,423 against Rs, 2,23,873 in the previous year. Expenditure on public works was Rs. 27,608.
Balanizor

Sunth. of a Kárbhíri. Thatásinor was administered by the Navab or Babi with the assistance of a Karbhíri. The revenue during the year was Rs. $1,39,573$ againgt Rs, $1,37,636$ last year. The expenditure was returned at Rs. 1,40,680, of which Kis. 23,263 were spent on Darbar buildings and Ks. 11,983 on roads, wells and tanks.

The Raja of Sunth carried on the administration of the Sbate with the aid of his Kárbhári, Khán Bahádur Hormasji Kdarji Patel. The income rose from Rs. $1,30,685$ to Rs. $1,57,816$, while the expenditure was Rs. $1,28,871$, or Rs. 38,054 less than in the preceding year. A large amount of debt was liquidated during the year, and Re. 24,882 only remained to be paid off. Expenditure on the State palace amounted to Rs. 5,435, and Rs. 7,431 - were spent on works of public utility.

Kadína. studies at the Girassia Tader British management while the young Thakor pursued his studies at the Girássia Talukdari School at Wadhwán. The income during the year was Rs. 21,331 against Rs. 24,131. The expenditure was Rs. 20,323, of which Rts. 1,109 were spent on public works.
Sanjelio

Bhidarwa

The management of the Sanjeli State was aatisfactorily condocted by the Thakor with the aid of his Karbhari. 'lhe Thakor's magisterial powers were enhanced during the year from the second to the first class. The State income rose from Rs. 18,133 to Rs. 19,356. The expenditure was Rs. 16,539.

The State of Bhadarwa was administered by the Thakor himself under the supervision of the Assistant Political A gent. A Kárbhari on a higher salary way employed, and some changes were made in the subordinate staf, but there was no sign of improvement in the administration. I he income was lis. 40,217 and the expenditure Ro. 43,3 10, which included the large amount of tribute, Rs. 19,601, paid annually to His Highness the Gáckwór's Government.

The Umetha Talaka was under Arency management. The revenue amounted to Rs. 40,217 , while the expenditure was Ks. 49,300 including the sum of Rs. 21,200 paid in liquidation of debt.

## Umetha

Nárukot continued under British administration. The Thákor received his annual Nárukot share of the proceeds of administration. The revenae during the year amounted to Rs. 11,02f, while the expenditure was Rs. 14,539 , the increase being due to payment, in the current year, of part of the 'Thakor's allowance in arrear from the past year.

Each of the ten leading States of the Rewa Kantha employed a.police force of its Police. nwn. The Thandirates of Sankheda and Pandu were served by the Agency police, and the Jambughoda girrison was furnished by the Panch Mfahals force, the Nárulot State paying one-third of its cost. There was no important change in the cost and strength of the States' police. The number of offences reported increased noticeably in Rajpipla, Sunth, the Sankheda and Pándu Mewásis and Narukot. The increase was chieffy in petty thefts. Of the 2,156 accused arrested, 2,050 were sent for trial, of whom 1,369 were convicted, 525 acquitted or discharged, and 156 remained under trial at the end of the year. The value of the property stoken daring the year amounted to Rs. 27,987, of which Rs. 10,275 (or 36 per cent.) were recovered. These resulte were more satisfactory than those of the previous years, especially in Rájpipla, Santh and Pándu Mewás.

During the year, 3,733 persons were brought before the Magistrates against 3,362 in Criminal Jostice. the preceding year. Of these 1,835 or $49 \cdot 15$ per cent. Were convicted, 583 acquitted or discharged, 1,125 were allowed to compound, 54 were committed or referred, 17 died or escaped, and 119 remained awaiting trial at the close of the year. The number of serious offences fell during the year under report. Seven appeals were preferred to the Political Agent daring the year against 6 in the previous year.
$1 t$.
The total number $(2,155)$ of prisoners confined in the Agency Jails was slightly more Prisons. than in the previous year.

There were 409 suits (including 64 of the previous year) for disposal. Of these 350 Civil Justice. were decided. The value of the suits instituted during the year amounted to Ks. 23, 893 . The number of appeals for disposal was 23 (including 10 of the previous year). Of these 21 were decided and only 2 remained pending at the close of the year.

There were 11 dispensaries in the Agency maintained at a cost of Rs. 19,638 having Medical Relief. an arerage daily attendance varying from 2 to 114 patients. The number of primary. vaccinations performed during the year was 26,410 , and of revaccinations 320 .

- The number of schools increased from 122 to 134 during the year. The total expenditure Education. on education amounted to Rs. $\mathbf{3 7}, 924$ against Rs. 33,883 in the previous year.


## SOUTH GUJARAT.

## DHARAMPOR.

Area, 794 square miles; Population (1891), 120,498; Groes Revenue, Re. 2,88,199.

The State was under the political supervision of the Agent to His Excellency the General. Governor at Surat, and was governed during the year by Maharana Shri Mohandevji Nárandevji, a Sisodia Rajput, after the death of his father His Highness Maharána Shri Narandevji, which took place on 7th Augast 1891. The year dealt with is the Hindu year heginning 7th July 1891 and ending 24 th June 1892.

The climate from October to January was unhealthy. The rainfall was just below season and Crops. the average. The crops of rági, kodra and rice were generally good, but the tur, jowari and sugarcane crops were very poor. Experinental cultivation of cotton succeeded in a few places. The maximum heat was $102^{*}$ Fahrenheit.

The survey was completed in 71 villages. In addition to this, 29 villages were tra- Sarves. versed. Propasals for the resurvey and classification of all the State villages under the supervision of a British revenue survey officer were under consideration.

The police force was reorganized in the year under report. The total strength of Police and Criminal the whole force was 118, including abkari police. The cost was Rs. 13,97\%. The offences Justice. reported numbered 409. Five hundred and two persons were tried, of whom 432 were convicted ; the rest were acquitted and discharged. The value of the property stolen amounted to Rs. 903 , of which 54 per cent. was recovered against 60 per cent. in 1890-91.

The admissions to Dharampor Jail were 193 during the year. The cost of the jail Prisons. was Ris. 1,290 against Rs. 1,500 in 1890-91.

There was one original suit pending from the previous year, and 181 now suits were Civil Jortice. filed during the year under report. Of these, 126 cases were decided during the course of the $y \in a r$, leaving a balance of 6 undisposed of. Fourteen appeals were filed, of which 9 were decided and 6 remained pending at the close of the year.

1
Chap. I.
POLITICAE.
Trinutary Statis.
Dharampor, Baneda and Sachin.
Revenue and
Finance.

Pablic Worke.
Medical Relief and Vital Statistics.

Education.
Season and Crope.

Police and Criminal
Justice.

Prisons.

Civil Justice.

Registration.
Revenue and Finance.

Publio Works.

Vital Statistica and Modical Rolief.

Education.

The finances of the State were embarrassed. The revenue nominally rose from Rs. 2,82,898 in the previous year to Rs. 7,30,121 in the year under report. A real increase occurred in land revenue, ablkari, cloth jakat, civil fees and magisterial fines. The sthkari revenue rose to Rs. 1,12,559 from Rs. $1,04,203$. The expenditure was nowinally Rs. $7,24,25,4$ against Rs. 2,79,702, the real increase being mainly due to expenditure on public works - and ceremonies. The receipts and disbursements this year included, however, extremely large items of adjustment of charges of past year.

The expenditure on public works was Rs, 88,300 against Rs. 9,833 in 1890-91. The major portion of the expenditure was inourred on account of offices and Darbar buildings.

The patients treated in the dispensary numbered 9,833 against 10,534 in 1800-91. The expenditure was Rs. 4,738. The number of children vaccinated was 5,522 against 3,963 in the previons year. The number of deaths rose to 2,055 from 1,501. Births also rose from 2,320 to 2,646 .

There were 11 schools maintained at a cost of Rs. 3,755 against Rs. 3,715 in 1890-91. The State practically maintained a free library.

## BA'NSDA.

Area, 215 square miles ; Population (1891), 41,373; Gross Revence, Res, 3,00,383.
The State is governed by Mahárával Shri Pratapsingji Gulábsingji, a Solnnki Rajput, under the political supervision of the Agent to His Excellency the Governor at Surat. The administration and accounts are carried on on the same principles as in British India.

The rainfall was above the average, and the crops were generally good.
The strength of the police force was 75. Offences reported were 211 against 180. Three hundred and eleven persons were tried, of whom 211 were convicted and 98 were acquitted and discharged. One accused died and one was under trial at the close of the year. The above figures include 34 offences under the A'bkari Act. There were 5 appeals during the year.

One hundred and six prisoners were confined in the jail at Bansda during the year. The daily average of prisoners was 17 . There were 2 deaths in the jail.

There were 2 suits pending from the previous yenr and 212 suits were filed during the year against 96 in the previous year ; all these wore disposed of, except 8. One appeal was filed and disposed of against 3 in the previous year.

Eleven documents of the value of Rs. 1,955 were registered.
The gross revenue amounted to Rs. $3,00,383$ against Rs. $2,55,154$ in the previous year, and the gross expenditure rose to. Rs. 2,18,969 from Rs. 2,07,112. The revenue from forests this year rose to Rs. 24,072 from Rs. 17,925.

The expenditure on public works was Rs. 35,101 against Rs. 32,584 in the previous year. Three tanks, 4 wells, 4 staging-houses, one bund, police lines and stables were built. The distillery building was extended, and communications improved.

Twelve thousand and forty-eight patients were treated in the Bansda dispensary during the year against 9,043. The expenditure amounted to Rs. 3,439 against Rs. 2,782 in the previous year. There were 1,656 vaccination operations, as against 1,445 . The number of births fell from 934 to 893 ; that of deaths rose from 569 to 599 .

There were 17 schools maintained at a cost of Rs. 4,075 against Rs. 4,915 in 1890-91. The State continued to maintain the free library.

> SACEIN.

Area, 42 square miles; Population (1891), 19,337; Gross Revenne, Re. 2,15,048.
General.

Seamon and Cropa.

The State is at present under direct British management, the Assistant Collector in charge of the Chorasi division of the Surat Collectorate being administrator. The present Naváb is a minor, his father, who is living, having abdicated in his favour.

The season was on the whole favourable. The rainfall was above the average, bat was unseasonable, being excessive in the earlier and deficient in the later part of the season. Jowari, rice and cotton crops were good. Wheat was moderate. The sugarcane was fair, but the mango crop was a failure. The year was healthy, with the exception of an epidemic of malignant malarial fever in the cold weather. The condition of cattle and stock generally
was good. was good.

The police force was the same as during the previous year, viz., 5 savars and 52 foot police. Thirty-one offences, or 18 less than in the previous year, were reported. There was no serious crime. Thirty-seven accused, or 18 less than in the previous year, were convicted and punished.

 sypaic wert iind, and all disposed of during the year.

 isaring a ciroing lalance of P5, 2,16,5it The expenditure was less than that of the
 wore tian tiat of the previses year. The expenditure on pablic works amombed to En: 55,115 , being Ras 27,440 less thin that of the previoos year.

The expenditure ander this head, incloding anitation and eonservancy, amounced to Fital Statiation and
 treithl. The number of tirths fell from 758 to 654 , while that of deachs mose from 560 to 712 .

The erpeoditare on education amounted to R6, $5, f j 2$, or $R 5,391$ more than that of Famation tie previcas year. There were 21 schools open.

## NORTH KONKAN.

## THE KHATDESH POLITICAL AGENCY.

## 

The Yowas Estates in British Indis, and the Dangs form the two groops of esistes Cemal urier the soperisicn of the Political Agent and Collector of Khandesh. The inhabitants, ciuty lijis, are with their Chiefs an ignorant and bactward race. 'This year was very $q$ Fint indrocghat the $\Delta$ gency, and the crops were grod.

The Vistuial Mewás Dartér was held at Taloda on 5th April 1892 and was attended Yeufa Eateace ty ail the Chiffs: everything passed off quietly. Gaminning, the Chief of Chilhli, had toen yised below the Chief of Kathi owing to the former misoonduct of his family. Toe hatin Estate is the most important of all, and is well managed by Chandrasing, the preient Chiff. The net revenue of the estates was Rã 39,674 as ngainst Rs. $3 \overline{\text { a }}, 473$. Friser was an increace of Ps. 1,171 under the head of land revenue. In expenditore there Tras a cecrease of Rs 2, j3 39 . Household expenditare, tagái adrances and briiding charges were all wuch lese There was a balance to the eredit of the estate, at the end of the year, of Rs 4.540 , mostly invested in Government Promissory Notes. Chandrasing was invered with powers of a 3rd Class Magistrate, and tried 3 cases. The Chief of the Ráisingfar Eatate, Surupsing, is a minor onder the guardianship of the Political Agent, and aucuris the Englith school at Dhulia. The revenue of the cstate was Rs 23,550 against Pis $20,3 \pm 2$. There was an increase under the head of land revenue. The expenditure showed a decrose of lis. $3,7+0$, no expenditure on survey of roeds having been incurred. The lelance to credit of the estate at the close of the year was Rs. $1,20,606$, most of which - $\mathrm{R}_{2} \mathrm{G}, \mathrm{y}, \mathrm{m} f$ )-is already invested in Government Promissory Notes. Gamnásing, Chief of Chishli, manaced his estate fairly well. His revence showed an increase of ks 10,250, chisty from forests. His expenditure increased by Rs. 12,152, mainly owing to greater l.ros-hcid expenditure. The balance to credit of the estate at the close of the year was Es 87,335 . Singpur, Nal and Naralpur are all mall estates with neither a large revenue nor expenditure. The Chiefs managed their respective estates well; the Chief of Nal especially efreting a considerable rednction in his household expenditure.

The Dáng Dartar wras held on 5th May 1892 and was attended by all the Rajas, The Digan Sn onuplaints were made. Very few offences were brought to light except against the Eijkiri Lwws. Progress was male with forest demarcation. The inhabitants are beginning to beiieve in raccinstion, and 939 children were raccinated during the year.

SCBGANA.
Area, 560 equare miles; Population (1891), 12,398; Gross Revenue, Res. 13,312.
Sureana a petty State to the north-west of the Nasik Collectorate, continued to be Generil raled by the Deshmukh Shanker Rso Ravirto under the supervision of the Collector and $P$ liticai Agent, Násik. The crops were fair and the year moderately healthy. The eriminal wrork of the State was light. There were only 10 cases involving 21 persons, of whrm 15 were convicted. The expenditure of the State again slightly exceeded the receipts ( $\mathrm{H} s .13,313$ ), which were derived mainly from land revenue, ableári, tolls, forests and custams. Frrest rerenue showed an increase. There was only one school attended by 18 boys. The colly trade is the export of forest produce to Gujarat.

## JAWHAR

$$
\text { Aren, } 534 \text { कjoare miles ; Population (1891), 52,831 ; Grom Revenne, Ra. 1,88,400. }
$$

The Jawhír State continued to be administered by the Raja himself with the assist- Generil. ance of a Karthari and nonder the political supervision of the Collector of Thana. The ytar urder report was signalized by the registration of the import trade of the State.

5 51 -

Thuborarx Statbs.
The rainfall (113 inches) was sufficient, but late; and crops were rather below the Jawhdr and Janjira. average. Agricultural stock incrensed, but cattle-discase of a bad type was rife in parts. Season and Cropa. The public health suffered from fever, which carried off 1,097 souls.

## Survey and

 Settieman Police.Criminal Justica.

Prisons. The daily average number of prisoners in the jail was 11 against 14 in the previous

Civil.Justice.

Rogistration.
. Forests.

Public Worke

Rovenue and
Finance.

Vital Statistice and Medical Relief,

The revenue survey and settlement work of the State has been completed.
The total strength of the police remained 30 . The offences reported to the police were 47 against 54 in the preceding year, the number of persons arrested being 58 against 77 and the prisoners convicted being 44 against 32 . The value of property stolen rose from Rs. 172 to Rs. 324 and the percentage of recoveries to losses also rose from $35 \cdot 46$ to $60 \cdot 80$.

The number of persons dealt with by the Magistrates during the year under report was 391 against 292. Out of these, 189 were acquitted or discharged, 199 convicted, and 3 remained under trial at the close of the year. No appeals were presented. year. The total cost of maintaining the prisoners amounted to Rs. 357 , or Rs. 80 less tharr in the previous year, giving an annual average cost of Rs. 32-7-0 per prisoner against Rs. 28-9-0. Three prisoners escaped from the jail, but 2 were recaptured. There were no deaths.

The number of civil suits filed during the year was 121 against 135 last year. There remained 38 undisposed of. There were 10 appeals for disposal : 8 were decided and 2 remained outstanding.

The total number of documents registered during the year was 110 against 118 in the year before. The value of the property to which they referred was Rs. 22,684 , and the fees realized amounted to R. 123.

The area of forests decreased by 104 acres on account of some lands being given away for cultivation. The revenue from forests decreased considerably, as there was only one small sale.

The total oatlay on public works was Rs. $\mathbf{5 8 , 2 8 4}$. The Surya tank at Jawhar was completed.

The total revenue of the State amounted to Rs. $1,88,400$, including deposits and recovery of advances, and the expenditure amounted to Rs. $2,07,734$. The corresponding figares for the preceding year were respectively Rs. 2,57,886 and Rs. 1,67,920. The State had a balance of Rs. $1,43,873$ at the end of the year, against Rs. $1,63,207$ the preceding yenr. The large decrease in revenue occurred in forest receipts. The amount of land-revenue collections increased from Rs. 48,637 to Rs. 49,285 . There were hardly any arrears. Only Rs. 43 had been remitted against Rs. 82 in the previous year.

There was a dispensary at Jawhar maintained at a cost of Rs. 1,631. The number of patients treated daring the year was 4,407 against 3,976 of the previous year. The vaccination work was performed by the State vaccinator under the supervision of the Deputy Sanitary Commissioner. The total number of persons vaccinated was 1,800 against 2,021. The number of births and deaths registered gave a birth rate of $30 \cdot 4$ and a death rate of 24.2 per mille.
Edocation.
The number of primary schools was 10 . The number of pupils increased from 187 to 258. A new boarding school was opened in November 1891.

## SOUTH KONKAN:

## JANJRA.

Area, 324 square miles ; Populntion (1891), 81,780; Gross Revenue, Re. 5,55,041.
General.
The State of Janjira, commonly known as Habsan, lies between the districts of Kolaba and Ratnagiri, and is well administered by its Navab under the political supervision of the Collector of Kolaba. The personnel of the administration remained unchanged.
Seayon and Crops.

Survey and
Setilement.

Legislation.

Police.
The season was fair. 'The outturn of rice and hill crops was less than in the precerling year. The rainfall was less than last year, but was timely and beneficial to rice crops. The varkas crop suffered from deficiency of rain.

No progress was made in declarntion of survey rates, nor in measurement. The elassing work was completed in 116 villages. The total expenditure on survey amounted to Rs. 402 against Rs. 6,591 . No complaints were received against the survey rates.
The Bombay District Police Act IV of 1800 was introduced by the Narab into the
State during the year.
The total strength of the police force was 135. The cost was Rs. 18,852 against Rs. 15,466. The increase of Rs. 3,888 was due to the parchase of accoutrements. No crime of a serious pature was reported. Out of the 168 persons arrested by the police, 110 were convicted. The value of stolen property was Rs. 5,344 against hs. 5,098 last year. The percentage of recoveries was 85 per cent. against 43.

Out of the 266 cases reported during the year, 263 were disposed of by the Criminal Triburary Smatas Courts. The number of persons involved in the cases was 550 against 561 in 1890-91. Nintteen appeals were preferred against the decision of lower Courts. In 3 cases sentences were moditicd.

Criminal Justice.
The daily average of prisoners in the jail was 14 against 12 in the previous year. Prisons. There were 2 escapes : one of the men was caught again. The health of the prisoners, was good.

Out of 695 saits before the two Civil Courts of original jurisdiction, 655 valued at Civil Jastice. Rs. 66,850 were disposed of. There were 88 appeals for disposal by the Appellate Court as against 89 in the provious year. Eighty-seven appeals were disposed of. Out of 1,093 applications for execution of decrees, 1,058 were disposed of.

The total number of documents presented for registration was 484 against 344 in the Begistration. previous year; the value of property to which they had reference was Rs. $1,48,132$. The tatu protit from registration was Rs. 2,017 against Rs. 2,314 in the previous year.

There was no change in the forest establishment. The State forests have now been Foresta. divided into 30 blocks. The revenue from forests amounted to Rs. 62,144 against Rs. 55,496. The expenditure amounted to Rs. 7,942 against Rs. 8,062. No progress was made in demarcating the forests. The value of free grants of timber made to sufferers by fire amounted to Rs. 2,182, against Rs. 1,605 in the year before. The number of forest offences increased from 385 to 500 , and the number of persons dealt with from 2,361 to 2,746 . Twelve forest tires were reported, the area burnt being 200 acres and the estimated damage about Rs. 6.

The export trade rose from Rs. $3,25,741$ to Rs. 4,77,846 during the year under report. Trade. The value of imports diminished from Rs. $3,86,257$ to Rs. $3,84,512$, the decrease being chiefly in metals.

The outlay on public works amounted to Rs. 53,582, against Rs. $1,29,210$ in the year Public Works. before. The Victoria Water Works were nearly completed during the year. Four new buildings and one new road were constructed.

The total revenue of the year was Rs. $5,55,041$ and the total expenditure Rs. $4,32,460$. Revenue and The corresponding figures for the previous year were Rs. $4,58,636$ and Rs. $4,81,018$ respectively. Finance. The closing balance amounted to Rs. 4,35,897, against Rs. 3,10,992 of the previous year. The State has purchased Government promissory notes of the value of Rs. $2,00,000$. The amount of land revenue for 1891-92 collected within the year was Rs. 1,91,773 against Ks. $1,47,083$. The total outstanding arrears of land revenue at the end of the year were Rs. 18,646 against. Rs. 61,460 .

The abkári system in force in the Alibág Taluka of the Kolaba District was with a few Abkari. modifications continued. The total abkari realizations were Rs. 54,506 against Rs. 56,757 during the preceding year. The expenditure under this, head amoanted to Rs. 12,505 against Rs. 19,842 in the year before. The consumption of country spirit was 9,341 gallons as contrasted with 9,035 gallons in the year before.

The number of births registered during the year was 2,356 against 2,102 in the previous year, and the number of deaths 1,602 against 1,166 . The number of dispensaries remained the same. Two thousand, nine hundred and sixty-seven persons were vaccinated against 2,666. Ks. 4,442 were spent on sanitation during the year. Out of this, Rs. 3,533 were spent by the local board in improving the water-supply of different villages.

The number of State schools rose from 44 to 47 and the number of pupils from 2,088 Education. to 2,392 . 'The number of private schools rose from 22 to 26 . Two trained masters were appointed during the year. The cost of education was Rs. 12,512 against Rs. 12,579 in the year before.

## SA'VANTVA'DL

## Area, 926 square miles; Population (1891), 192,948; Gross Revenne, Rs. 4,37,684.

The administration of the State remained unchanged. Owing to the discontinuance General. of the Portuguese Treaty the original preventive "nakás" or posts on the frontier were re-established by the Customs Departments of the British and Portuguese Governments. No improvement was apparent in the general condition of the Sir Desai : his cousin Shriram Savant Ráo Sáheb Bhonsle continued to attend the Rajkumar College at Rajkot.

The rainfall ( 114 inches) was insufficient and unseasonable. In consequence the rice Season and Cropa. and hill crops suffered severely. The coffee estate, however, was worked at a small profit.

The introduction of the survey settlement stood over pending completion of assess. Revenue Sarvey and ment papers. Further progress was made in the settlement of alienation cases. Out of Settlement. 207 cases, 161 were disposed of.

The Savantvadi Local Corps numbering 400 performed their duties, both police and Military. military, satisfactorily. Some new lines were built for the men. The cost of the corps was Rs. 58,467 as against Rs. 50,344, the increase being due to the appointment of Second-in.Command having been filled during the whole year.

The strength of the police remained the same, consisting of 126 men of the Savantvedi Local Corps and 12 belonging to the regular police establishment as before. Its cost artounted to Rs. 26,986 , or Rs. 3,029 more than in the preceding year. The increase was due to the post of Second-in-Command not being unoccupied during any portion of the year. The conduct of the force was good. The number of offences in which the police took action was 284, or 14 more than in the previous year. The number of persons - arrested was 246 as against 256. Of the 228 persons sent up for trial, 133 or 61 per cent. were convicted as against 58.9 , which shows a slight improvement. The value of property stolen was Rs. 2,661, of which the amount recovered was Rs. 1,270, the corresponding figures for the last year being Rs. 4,780 and Rs. 3,091 . The percentage of recoveries to amount stolen thus fell from $64 \cdot 66$ in 1890.91 to 47.9 . The work of the village police was satisfactory.

There were 8 Magisterial Courts with one Sessions Court, in which 620 cases involving 1,052 persons were disposed of, as compared with 628 cases in which 909 persons were implicated. Of the persons apprehended, 386 were convicted. With the exception of one case of culpable homicide, there was hardly any serious crime. The total number of appeals preferred was 75 as against 48, and 73 were disposed of within the year. Sentences were reversed in 14 cases and modified in 22. There were, besidos, 2 appeals to the Commissioner, S. D., against the decisions of the Sessions Court, in both of which the original decisions were reversed. One prisoner was extradited to the British Government.

There is 1 jail and there are 3 lock-ups in the Savantvadi State. The number of prisoners confined in the Central Jail was 118 as against 113 in the previous year. The number of prisoners confined in the lock-ups was 2 in addition to 154 untried prisoners. The health of the prisoners was good. There was one death. The total cost per prisoner was Re. 125 as against Rs. 128 in the previous year.

The number of Civil Courts (5) was the same as before. The total number of suits for disposal during the year was 2,363 as against 2,096 in the preceding year. Of these 2,058 were disposed of during the year, leaving a balance of 305 cases as against 293 in the preceding year. The totrl number of applications for the execution of decrees on the files was 3,106 , of which 2,542 were disposed of, leaving a balance of 564 as against 574 in 1890-91. There were 204 appeals for disposal as against 184 in 1800-91. Of these, 160 as against 140 in the previous year were disposed of, leaving a balance of 44 cases for disposal. The number of second appeals during the year was 55 . The total number for disposal, including last year's balance, was 104. Of these, 69 were reported upon. Government disposed of 65 special appeals ; in 51 cases the decrees of the lower Appellate Court were confirmed, in 4 they were reversed and in 3 remanded. Six appeals were rejected and 1 was withdrawn. There were 10 applications for revision in small causes to the Political Superintendent, in which 55 per cent. of the decrees were confirmed. The income of the Civil Courts amounted to Rs. 16,425 as against Rs. 15,467. The expenditure amounted to Rs. 16,859 , or about Rs. 255 more than in the previous year. The total number of possession suits for disposal under the Mámlatdars' Courts Act was 149. Of these, 148 were disposed of.

There were 1,903 documents of the value of Rs. 2,12,451 registered during the year as against 1,969 of the value of Rs. 2,21,773 in 1890-91. The receipts of the departinent amounted to Rs. 6,412.as against Rs. 6,450, and the expenditure to Rs. 1,213.
Municipality.

Foresta. and the expenditure to Re. $\bar{\sigma}, 248$, chiefly spent on sanitation. The water-supply project, having received the sanction of Government, was taken in hand during the year.

The area of forests slightly diminished during the yoar. The Forest Department of the State was reorganized with the sanction of Government. .The total number of forest crimes of all kinds rose from 128 in 1890.91 to 138, while that of persons concerned in them fell from 283 to 264 . The forest produce realized a net revenue of Rs. 14,079, or Rs. 1,544 less than in the previous year. The cultivation of bambu, harda, teak and panchrukh seed was continued.

Traffic, both by sea and land, decreased chiefly owing to the scarcity in the Deccan.
The total amount spent on public works amounted to Rs. 96,494 or Rs. 4,413 more than in 1890-91. The water-supply project and the new leper asylum awallowed the greater part of this amount.
Revenue and
Finance.
The year opened with a balance of Rs. $2,85,176$. The gross State receipts amounted to Re. $4,37,684$ and the gross expenditure to Rs. $4,47,527$ against Rs. $4,76,662$ and Rs. $4,30,046$ respectively in the previous year. There was a deficit of Rs. 9,843 . The decrease of Ras. 38,978 in receipts was accounted for chiefly by adjustment of larger advances in the previous year; the gross expenditure also showed an increase of Rs. 17,481 , which was due in a great measure to the outlay on account of the water works. The accumulated State balances of last year, Rs. 2,85,176, were reduced by a sum of Rs. 9,843 , which was equal to the deficit above referred to.

Ohap. 1 Poniticat.
The Local Fund receipte, including previous year's balance, amounted to Rs 59,853, Tribctary Staris and the expenditure to Rs 43.570, which amount was chiefly spent in maintaining eommnnications, dispensaries and schomls. A balance of Rs 16,993 remained. The toll eollectinas, incloding previorls year's balance of Rs 9,814, amounted to Rs. 24,461. The expenditare of Rs. $3, j 53$ was incurred for repairs to travellers' bangalows, dharmashalas, \&cBritivh districts. The number of stills and liquor shops was the same as bafore. Xbtari crime dinninithel. The collections of abkari revenue amounted to-Rs. 36,407 , showing an increase of R.s. 8,353 , which was partiy due to a greater number of trees having been tapped and partly to the recovery of arrears.

The stamp revenue was Rs, 27,712 against Rs. 24,935, the increase being due to the Stamps. large numiker of civil suits filed.

- The tirths and deaths registered daring the year were 6,747 and 3,847 as against Fital Statistica 6,339 end 3,530 respectively in the previous rear. The birth-rate was 34.9 per mille and hledia and the death-rate 19.9 . The number of patients treated at the 7 medical institutions, was 15.077 , or $2,0.31$ more than in the preceding year, 38 were lepers and 34 lunatics $N \in W$ building for the leper asylum were completed. The total number of raccinations ammanted to 1,350 as against 6,193 in the previous year. The total cost of the Medical and Vaccination Departments was Ks. 17,237, or Rs. 2,614 more than in the previous year. The increase was chiefly due to the fact that the medical officer drew his salary at the enhanced rate for the full year, and that an additional establishment was sanetioned for the leper asylum.

The number of school, both State and private, rose from 152 to 170 and the nomber Edncation. of scholars from 5,185 to 5,618 , of whom 403 were girls. Of the 101 State schools, 1 was an Enclish school and 3 had an English class. The number of female pupils increased from $3\{0$ to 403. Night classes numbered 20. The success of State schools at pabiic examinations was very satisfactory; 9 boys passing the Bombay Cniversity Matricnlation and 7 the University School Final Examination. Educational reeeipts were Fis. 27,301 and expenditure Rs. 28,186.

The telegraph office at Sávantradi continued to be self-supporting. The number of Miscellaneans port ofinees in the State was 7. The only printing press at Sivantvidi belonged to the Stave There tere 3 public libraries.

## THE DECCAN.

## SATA'RA JA'GHIRS

## BHor.

## Area 1,491 mquare miles; Popalation (1891), 155,569'; Grves Revenve, Rs. 3; $\mathbf{i 6}$,960.

The alministration of the Jághir of Bhor, which lies to the sonth-west of the Poona Geocril Collectorate, was conducted by the Chief, Shankarrao Pandit Pant Sachiv. The Chief made a tour in Soathern India in Nosember, and in March he went to Bombay to attend the levee held by His Excellency the Viceroy. In June he met His Excellency the Governor of Bombey at the Bhátghar water-works He made his nsual tour with the State Karbhári in Febraary, and visited four out of his five tálakas, himself doing the jamabandi settlement of two of them.

Survey operations made no advance during the year. Out of 494 villages there were Survey and Settlestill 275 , or more than half, in which survey rates had not been introduced.

The Chief made an addition to his police force of 6 writer constables and 6 naiks, Potice. but he reduced the number of constables from 181 to 165 , and the total strength of the force was $\$$ less than in $1890-92$. The police had to deal with a total of 457 cases, or almost exactly the same number as in $1890-91$. In these cases 254 persons were apprehended and $25: 3$ sent for trial : of the former 76 were convicted and 185 acquitted or discharged. The percentages of convictions to arrests, 28.75 , and of convictions to accused sent for trial, 39 , compared farourably with those of the preceding year, 21 and 22 respectively. The value of property stolen was Rs $13,47 \%$, a very large amount, as against Rs 2,655 in $1500-91$, and $6 \% 1$ per cent. was recovered as against $80-1$. Seven dacoities were committed, of which 5 remained andetected.

Six hondred and seventy offences in all were reported during the year, involving Criminal Justice. $85 \bar{i}$ persons: of these 633 were acquitted or discharged, 174 were convicted and 30 com mittod, 10 died and 10 remained to be disposed of at the end of the year. The ratio of ornsictions was 10 per cent, while that of persons acquitted or discharged was 73. The Chief dispersed of 14 appeals involving 2.5 persons, and in 7 instances modified the senturoes or reversed the convictions.

Ninety-two persons were confined in the jail as compared with 83 in 1890-91. The Priooa cont of the jail was Ras. 2,850 against Rs. 2,887 in the preceding year. There were no deaths in the jail.

8 741-5

Manicipaities.
Forest.

Revenue and
Finance.

Vital Statistics and Medical Relief.

Education.

Police.

Criminal Justice.

Prisons: In the State jail there were 8 prisoners at the beginning of the fourteen months under report, and 33 were admitted, bringing the total to 41. Cost of maintenance fell from Rs. 688 to Rs. 660. One prisoner died of dysentery.

Livil Jastice.
Including arrears there were 1,396 suits on the files of the three original Civil Courts as compared with 1,146 the previous year, and 1,277 were disposed of as compared with 1,030. The number-undisposed of at the end of the year was 119 against 116 at the clson of 1890-91. The Appellate Court decided 69 out of 102 appeals. Out of 2,182 applicntions for execation of decrees, 1,916 were disposed of, leaving a balance of 266 applicationy against 261 at the end of 1890-91. Each appeal on an average took nearly a month longer to dispose of than last year.

There were 478 documents of the value of Rs. $1,45,439$ registered daring the year against 435 documents of the value of Rs. $1,27,239$ the previous year. The amount of fees realized rose from Rs. 1,343 to Rs. 1,436, while the cost of registration decreased from Rs. 641 to Rs. 638.

The receipts and expenditure of the two municipalities, Bhor and Shirwal, fell off considerably. This was accounted for by the fact that in 1890-91 a contribution from the Statefund was made of Rs. 1,500 to the Bhor Municipality, but this year it was not repeated.

About 588 forest marks were erected at a cost of Rs. 108. There were 10 forest cases involving 31 persons sent up for trial against 34 involving 91 persons in the last year. Forest demarcation proposals of 73 villages of the Prachandgad Táluka were approved by Government during the year.

The State had an opening balance of Rs. 2,07,834. The receipts during the year amounted to Rs. $3,76,960$ and the expenditure to Ry. $3,54,192$, leaving a closing balance of Rs. $2,30,602$. In the preceding year, the gross receipts and expenditure were Rs. $3,45,605$ and Kis. $3,18,271$ respectively. The personal expenditure of the Chief increased from Rs. 61,535 to Rs. 71,880 . The expenditure on public works increased from Rs. 34,001 in 1890-91 to Rs. 42,016, and the works to which the greater portion of the money was devoted were well chosen.

The number of births registered during the year was $5,22.4$ as compared with $4,50.4$ in 1890-91, and the number of deaths 3,638 as compared with 2,574 . Thus the ratios of births and deaths were only 34 .and 23 per mille respectively. The attendance at the dispensary at Bhor fell off slightly. The cost of maintaining the institution was Rs. 704. Five thousand and ninety-three persons were vaccinated against 5,187 the previous year.

The number of schools increased from 37 in 1890-91 to 40 in $1891-92$ and the number of pupils from $\mathbf{l}, 188$ to 1,425 , but the State is still one of the most backward in educational results. 'I'here were 178 girls under instruction as against 123.

## Phaltan.

Area, 397 square miles; Population (1891), 60,383 ; Gross Revenue, Rs. 3,11,083.
The Phaltan State lies to the northeast of the Sátíra District. No change took place in the appointments of the officials of the State, which was administered by the Jáphirdar assisted by a Karbhári. The information given below under heads other than revenue and finarice relates to a period of fourtcen months, from 1st April 1891 to 5th June 1892. Previously, information was given up to 81st May, and the object of the change is to bring the whole report into accord.

The rainfall was insufficient and the crops saffered considerably. Wages underwentro change during the year, but food-grains were dear.

- The police force numbered 86 men and their maintenance coast Rs. 8,445 against Rs. 7,136 in 1890-91. The number of offences reported to the police rose from 181 to 228 , but only 58 as compared with 97 were arrested. Of these, 53 were sent for trial against 88 in 1890-91, and 45 as compared with 82 were convicted. The percentage of convictions to arrests rose from $83 \cdot 9$ to 77.5 , and of convictions to the number of accused sent for trial from 70.4 to 84.9 . The value of property stolen was $\mathrm{Ks} .5,424$ against Rs. 1,776 in the preceding year and Rs. 2,410 as against Re. 452 were recovered, the percentage of recoveries rising from 25 to 44 . . There were 3 murders during the year, in 2 of which their guilt was brought home to the culprits.

The four Criminal Courts had before them 153 cases involving 221 persons during the fourtern months under report against 142 cases with 280 accused in the previous year. Of the 221 accused, 80 were convicted, 107 discharged withoat trial, and 4 acquitted. Five appeals were preferred before the Jaghirdar, in 4 of which the decisions were modified and in 1 confirmed.

There were two Civil Courts in the State subordinate to the Jaghirdir's appellate Court. There were 117 suits for disposal at the beginning of the year, and 267 were filed during the year; 249 were decided, leaving 135 to be dealt with at the end of the year. The value of property involved was Rs. 25,127 . With the 15 appeals outstanding at the beginning of the year, there was $a$ total of 88 to be dealt with; of these, 48 were decided by the $J$ aghirdijr and 20 remained 138 outstanding against 156 at the close of thecution of decrees, 438 were disposed of, leaving 138 outstanding against 156 at the close of the year before.

The numicr of documents registered during the year was 4,675 representing property to the value of Re, 3,59,790 against 3,108 documents representing Rs. 2,47,216 in 1890-91.

Plalitan itself was the only municipal district in the State. Receipts (including the opening
$\qquad$ salactra Jaghim: Registration. balance) amounted to Rs. $1,01,123$, and disbarsements to Rs. 1,02,202.

The expenditure under this head during the year of report reached Rs. 16,910 against Pablic Works, $V$ Re. 7,093 in $1890-91$. Of this amount Re. 1,461 were contributed by the State and Re. 15,448 from lexal funds.

The opening balance was Rs. 26,144. Receipts rose from Rs. 2,05, $\mathbf{6} 20$ to Re. 3,11,683 and expenditure from Rs. 1,97,911 to Rs. $3,17,737$. The closing balance was Rs. 20,090.

At the one dispensaryat Phaltan 10,041 patients were treated, the cost amounting to Vital Statistice and Rs. 1,442 against Rs. 1,893 in the year preceding. Cholera appenred in four villagos, but was not medical Relief. severe. The number of births was 2,344 and of deaths $1,54 \mathrm{f}$, an increase of 131 in the former and of 427 in the latter. The number of persons vaccinated rose from 2,288 to 2,350 .

There were 20 schools, an increase of one, at which 720 boys were being educated against Education. 718 in 1890-91. Expenditure on education fell from Rs. 4,631 to Rs, 4,474. There was only one private school with an attendance of 42 pupils.

## AUNDH.

## Area, 447 equare miles ; Populatiop (1891), 65,146; Grose Revenve, Bas 3,10,898.

The Aundh State is within the limits of the Sátara Collectorate and is governed by General. the Chief, the Pant Pratinidhi, nssisted by his Karbhari, Mr. Joglekar, who replaced Mr. Patwardhan in September 1891. Several other changes were thade in the personnel with a view to incrensing the efficiency of the administration.

The rainfall varied in different parts of the jaghir, but was very insufficient in about Season and Crops. 32 villages. Relief works were opened, but only 300 men availed themselves of them. Wages remained unchanged, but the prices of food-grains were high.

The police force numbered 66 men, including 11 savars, and the cost of its maintenance Police. rose from Rs. 3,537 to Rs. 9,346 . The re-organization of the police, which involved this increased cost, greatly improved its efficiency. The number of offences reported to the police fell from 400 to 285 . The number of arrests fell from 328 to 170 , of accused sent for trial from 319 to 160 and of convictions from 193 to 85 . The percentage of convictions to arresto was 59, almost the same as last year. The value of property stolen fell from Rs. 3,197 to Rs. 844 , of which Rs. 440 or 52 per cent. was recovered against 20 per cent.' in the year hefore. Besides the regular polico force there was a force of 181 men , called shetsandis, who assisted the police and received grants of land in return for service. There was also a sibandi force of 55 men, who performed escort duties.

The offences dealt with during the year numbered 305, involving 469 persons, against Criminal Justice. 394 oftiences with 705 accused persons in $1890-91$. Of the 469 accused, 243 were convicted, 134 acquitted and 63 discharged without trial, while 29 were committed or referred. There were 6 appeals for disposal: the sentences in 2 cases were confirmed, in 2 modified and in 2 reversed.

Bexides the jail at Aundh there were 4 lock-ups. In all 97 prisoners were confined Prisons. against 83 in 1890-91. The total cost under this head was Re. 1,954 against Re. 1,481 in the preceding year.

There was an outstanding balance of 58 cases for disposal at the beginning of the Civil Jnetice. year, and 23:3 new cases were filed during the year, making a total of 291 against 224 in 1890-91. The three Civil Courts disposed of 236 cases, leaving 55 still to be dealt with at the end of the year. The value of the claims involved was Rs. 21,616. Of these suits 170 were under the Dekkhan Agriculturists' Relief Act against 177 in 1890-91: of these 170, the Courts dirposed of 141. The Agriculturists' Relief Act was repealed during the year. Of 42 appeals on the files of the appellate Court 35 were disposed of and 7 remained pending against a balance of 14 pending in the previous year. Out of 264 applications for the execution of decrees on the files in the year under report, 231 were disposed of, leaving 33 to be dealt with against 58 , which remained over from the preceding year.

The number of documents registered during the year was 250 and their value Registration. Rs. 49,175 against 312 documents of the value of Rs. 60,608 in the preceding year.

The gross revenue of the Aundh State for the ycar ending 5th June 1892 ( 1301 Fasli) Rerenue and amounted to Rs. $3,10,898$ against Rs. $3,72,205$ for the year before, and the expenditure fell Finance. from ks. $3,30,304$ to Rs. $2,64,112$. There was a decrease of Rs. 18,872 under household exptenditure, of Rs. 10,197 under alienations, and of Rs. 28,107 under payment of debts. The choning balance was Rs. 79,811 . The sum spent by the State on public works was Les. 6,590 argainst Rs. 11,290, and from local funds Rs. 2,796 agdinst Rs. 11,689.

The two dicpensaries at Aundh and Atpadi were maintained at a cost of Rs: 1,546: Vital Statistics the numbur of patients treated was 8,259 . The total cost of the medical establishment fell Medical Reli
from Rs. 1,714 to Rs. 1,699. The number of births fell from 2,743 to 2,502 and the number of deaths rose from 1,553 to 1,904 ; the increase of mortality was ascribed to cholera and inflaenza epidemics. . The number of vaccinations rose from 2,172 to 2,414 .

Instraction in 27 schools was given to 1,013 pupils, and there were also 19 pupils at the newly started Mhars' school at Kinai ; last year 1,058 pupils were being taught at the 27 schools. Three of the schools were for girls and had an attendnnce of 63 , which with the 33 girls attending boys' schools made a total of 99 girls under instruction.

AKALKOT.

## Area, 498 square miles ; Population (1891), 75,774; Gross Rovenue, Rs. 2,99,281.

The Akalkot State adjoins the Sholápur Collectorate. The Raje Sáheb was invested with full powers on the 25th November 1891, until which time the management of the State was with the Political Agent, Sholápur.
Feason and Crops.
The rainfall ( 21 inches) was far below the average ( 32 inches), and the crops, eapecially kharif, suffered.

Police. . The police force, which numbered 59 men , was maintained at a cost of Rs. 9,917 against Rs. 10,850 in the previous year. A sibandi guard of 49 men was maintained at a cost of Rs. 4,951 . The offences reported to the police numbered 208 as compared with 183. The number of accused arrested rose from 101 to 142 , out of whom 60 were convicted against 21 last year. The percentage of convictions to arrests rose from 20.3 to $42 \cdot 2$. The value of property stolen was Rs. 6,119 against Rs, 3,393 in the provious year. The recoveries were Rs. 1,169 against Rs. 893.

There were 5 Criminal Courts. The number of accused persons brought before them was 548 against 616 in the previous year. Two hundred and fifty-seven were convicted. Seven appeals were preferred, and they were all decided, the conviction and the sentence being reversed only in one case.

Prisons,

Civil Justice,

Registration

Foresta.

Public Workn.

Keveuue and
Finadace.

Vital Statistice and Sledical Relief.

Sixty-seven persons were confined in the jail. The cost fell from Rs, 3,387 to Rs 2,815. There was no casualty. One prisoner was released, and one was granted one year's remission to honour the occasion of the investiture of the Raje Saheb.

Including arrears, there were 508 suits for disposal against 343 in the previous year Four hundred and eighty-four suits were disposed of in the year against 320 . Of 15 appeals, 12 were disposed of. The number of applications for execution of decrees, including arrears, was 425 , of which 367 were disposed of, leaving a closing balance of 58 against 99 in the preceding year.

There were 704 documents of the value of Rs. 1,09,612 registered, against 700 of the value of Rs. $1,10,803$ in the year before. Registration reccipts rose from Rs. 985 to Rs. 1,059.

The area under forests was 32,930 acres against 30,932 in the previous year. The receipts and expendituro were respectively Rs. 4,878 and Rs. 2,576 against Rs. 3,170 and Rs. 8,090 in the previous year.

The outlay on public works, including Local Fund expenditure, was Rs. 32,866 against Rs. 25,607 in the previons year

The year opened with $\mathbf{n}$ balance of Rs. $1,64,444$. The gross receipts and expendituro were respectively Rs. $2,99,281$ and Rs. $3,29,126$, and the closing balance was Rs. $1,34,599$. The receipts in the previous year amounted to Rs. 3,23,478 and the expenditure to Rs. $2,89,827$. The increased outlay this year was mainly due to the investiture of the Ráje Súheb, for which Rs. 25,613 were expended.

There were $2,641-$ births and 1,058 deaths registered in the year as comparod with 2,421 births and 1,256 deaths last year. There were 1,171 cases of cholera, of which 510 proved fatal. The number of patients treated at the Akalkot Dispensary rose to 11,773 from 9,154 . The daily average increased to $119 \cdot 13$ from $85 \cdot 8$. The cost of the institution was Rs. 3,920 against Rs. 2,865 in 1890-91. The number of persons vaccinated was 2,161 against 2,421.

## Education

There were 32 schools against 33 in the previous year. There wasonly one girls' school at Akalkot. The number of pupils on the rolls was 1,737 against 1,812 . The cost of education was Rs. 9,479 against Rs. 9,202.

## Kolhapur.

Area, 2,8:5s square miles ; Population (1891), 013,131; Gross Revenue, Re. 34,36,319.

## General.

Kolhápur is, as regards popalation and revenue, the most important State under the political control of the Bombay Goverument. Subordinate to it are several feadatory States, the chief of which are Vishalgad, Bávda, Kagral and Ichalkaranji. The Rája is eighteen years of age, and is still under the tutorship of Mr. S. M. Fraser, I.C.S., with whom he made a most successful tour in Southern India. Their Highnesses Anandibá

Páni Sáheb and Sakwarbái Ráni Sáheb suffered occasional ill health; their Highnesses Ahalyaíai Ráni Sáheb and the young Rani Sáheb enjoyed good health throughout the year. The annual Horse and Cattle Show at Chinchli was not held owing to the prevalence of distress.

## Temectait Statea

 KoIrdpur.The Chief, Abajiráo Krishns, Pant Pratinidhi, was placed in charge of his estate on Peodstory States. the 24th November 1891 . It is to be regretted that details as to revenue and fiscal matters vishalgad. cannot be given, owing to the Chief's delay in supplying the requisite information.

The Chief, Mádharráo Moreshwar, Pant Amátya, continued to manage his Jaghir. Birda The net receipts and expenditure were respectively Ra $1,10,451$ and Rs. $1,00,414$ against Rs. 99,192 and Rs. $1,00,601$ last year. Expenditure on public works fell from Rs. 7,637 to Re. 3,357.

The yonng Chief, Pirajiráo Bápu Sáheb,' reached the age of sixteen and continued his Kigal. studies. Receipts and expenditure were respectively Rs. $1,52,584$ and Rs. $1,38,206$ against Rs $1,43,077$ and Rs. $1,18,449$ last year. Pablic works expenditure rose from Rs. 16,099 to Re 25,133 . The closing balance amounted to Rs, 3,92,959.

The Chief Narayanrao came of age, and on 18 th June. 1892 was entrusted with the Ichalkaranju. management of his cstate. The revenue and expenditure of the Jághir were respectively Rs. $2,10,252$ and Rs, 2,23,245 argainst Rs. 2,03,678 and Rs. 2,50,173. Expenditure on pablic works fell from Rs. $\mathbf{7 8 , 2 8 4}$ to ks 38,558. There was a closing balance of Rs. $1,35,267$.

This Jaghir continued to be managed by the Darbar under the supervision of the Kapahi. Political Agent. Jayasingráo, who has been recognized as successor by the Council of Administration, continued his studies at the Rajaram College, The public revenue and expenditure were respectively Rs. 30,953 and Rs. 36,703 against Rs. 27,271 and Rs. 30,918 last year.

The Chief of Kágsl (junior) was studying at the Rájáám College, his Estate being Jagbindarsmanaged by the Darbar. The financial affairs of the Chief of Torgal were extremely embarrassed.

There was an addition of 15,846 acres to the cultivated area. The rainfall was 36 Season and Cropa inches. There was a partial failure of crops in the Ráibág and Katkol mahals; elsewhere they were fair. The distress referred to was not severe, but Bs. 31,203 were spent on relief works.

The State cattle and sheep breeding farm and the paddock were in a satisfactory Stock-breeding. condition. At the close of the year there were 595 head of cattle and 45 animals in the paddock

The Chief of Bavda has now definitely declined to introduce the survey settlement. Survey and The Chief of Fishálgad has consented on the condition that no loss of revenue shall accrue. Sittlement. The introduction of the Kolbapur City Survey under the control of the Municipality was proceeded with. The chief revenue officer continued to hear appeals from the decisions of the Special Enquiring Officer. Progress was made with the alienation settlement, as also with the work of framing the watan registers. Eight wards' estates were under the management of the Darbar during the year.

The military establishment of the State consisted of the Kolhápur Infantry and a Miitary. body of horse called the Red Rissala. The strength of these forces was respectively 550 men costing Rs. 74,338 and 151 men costing Rs. 71,776 against 549 men costing Rs. 1,18,614 and 149 men costing $\mathrm{Ks}, 72,129$.

The strength of the police force of the Kolhapur State, including feudatories (except Police. Vishalgad), was 642 , and the total expenditure was Rs. 70, 01 . The number of offences reported to the police was 637 against 580 and the number of persons arrested was 623 , of whom 615 were sent for trial against 463 and 461 respectively during the year 1890-91. Of the 615 sent for trial, 69 per cent. were convicted against a percentage of 79 last year. The value of property stolen and recovered was Rs. 38,777 and Rs. 29,278 respectively against Rs, 61,441 and Rs. 41,932 last year.

There were in all 38 Criminal Courts-an increase of 2. The number of crimes Criminal Justice. committed was 2,770, showing an increase over last year. The number of accused dealt with was 5,508 against 5,003 in the previous ycar. Of these 1,181 were convicted by the Magistrates, 78 were committed for trial, 1,654 were acquitted, 2,445 were discharged, and 136 were under trial at the close of the year - Last year 1,366 were convicted, 1,262 aerquitted, 2,191 discharged and 121 were awaiting trial. The four Appellate Courts di.pposed of 104 appeals out of 110 preferred, confirming 67 sentences and modifying or reversing the remainder. The number of Sessions Courts was increased from 3 to 4 . Of the 30 cases for disposal, 22 were decided by the Chief Judge and 8 by the Political Arent. Twenty-one persons were convicted, 49 acquitted, 1 case was referred to the Yremident in Conncil and 14 cases to the Bombay Government. Two sentences were reversed on appeal to the Council of Administration.

The number of jails and lock-ups (14) was unchanged. The admissions of convicted Prisons. and under-trial prisoners was 1,382; their maintenance cost Rs. 16,387.

- $=51$. .

The number of Courts of original jurisdiction inoreased from 17 to 10 . The balance of suits at the beginning of the year was 1,053 , and 3,675 fresh suits were instituted, making a total of 5,328 against 6,204 in 1890-91. Three thonsand nipe hundred and sixty-seven were disposed of against 4,551 last year, leaving a balance of 1,361 . The average duration - of each suit was 4 months 26 days. There were 4,887 applications for execution of decrees, including 1,342 from the previous year, against 4,828. Three thousand six hnndred and seventy-five were disposed of, leaving a balance of 1,212. The number of appenls for disposal was 395 , including last year's balance of 90 . The Courts decided 310 , confirming the decisions in 155 cases and reversing or otherwise disposing of the remainder. The average duration of each appeal was 4 months and 25 days. The final appellate authority in civil matters was the Council of Administration. The number of regular and special appeals preferred was 108, of which 70 were disposed of, leaving a balance of 38 as agrainst 158 and 31 respectively last year. Six hundred and ninety-six possession suits were decided by Mámlatdarrs and Kárbháris. There were 44 applications for review before the. chief revenue officer: 38 were rejected and 6 referred to the Council of Administration.

Regixtration.

Municipalitiea.

Forests.

Prade.

Public Works.

Zovenue and bovenue
inance.

The number of documents presented for registration was 6,753 as against 6,094 . There were 6,746 actaally registered against 6,084 . The total receipts of the dopartment amounted to Rs. 32,888 against Rs. 28,981, while the expenditure amounted to Ks. 5,848 against Rs. 7,213 last year.

The number of municipalitics (8) remained unchanged. The income of the Kolhapur Municipality was Rs. 73,007 against Rs. 52,841 in the preceding year. The expenditure rose from Rs. 72,418 to Rs. 73,401 . The aggregate income of the other municipalities was Rs. 16,380 as contrasted with Rs. 14,611, and expenditure Rs. 14,501 as against Rs. 11,682 of the previous year.

The collection of hirda, which forms the main source of revenue in this department, amounted to 8,795 khandis as against 9,121 in the previous year. Their sale-proceeds this year were Rs. 1,37,379 against Rs. 1,21,344. The cost of collection was Rs. 25,093 against Rs. 25,718 last year. The aggregate forest revenue from other sources was Rs. 19,722. The number of nurseries, exclusive of Vishalgad*, was 14. There were 21,884 old and 26,686 new seedlings nurtured at a cost of Rs. 1,436. Forest setulement and demarcation progressed fairly well in the bands of the district officors.

The chief articles of export are cotton and rice. The principal industrics are those of weavers and potters and the production of sugar and oil.

Rs. $5,94,516$ were spent on public works, of which Rs. $3,97,081$ were on account of original works. Ris. $5,35,237$ of the total amount were spent in Kolhápur State proper as aguinst Rs. $9,53,249$ last year. The decrease was due to the completion of the railway works.

The total gross revenue of the Kolhapur State proper was Rs. 34,36,319 against Rs. 33,78,429 of the preceding year. The expenditure was Rs. 38,37,463 ngainst Rs. 36,65,143. The above figures includo, besides debts and deposits, other items of adjustment, such as assessed value of alienated villages and lands, loans and advances. The net receipts and disbursements in the two years under comparison were:-

1890-91.
Rg.
Receipts ... ... ... ... 18,90,447


1801-92.
Rs,
20,58,126
19,07,581

The incrense in receipts was chiefly due to a larger revenue from forests and the increased acreage of cultivated land. The large decrease in expenditure was attributable to the completion of the State Railway. The closing cash balance of the State was Rs. 19,40,391 including Government securities to the value of Rs. 10,46,400. Land-revenue demands - amounted to Rs. $11,73,962$, actual collections to Rs. $11,44,871$. The corresponding figures last year were Rs. 11,75,951 and Rs. 11,19,104. The outstanding balance, exclusive of remissions, was Rs. 25,242 against Rs. 52,364 . The amount of the sayar revenue demand, inclading the outatanding balance of former years, was Rs. 2,17,536 against Rs. 1,73,873 of the previons year. Actual collections amounted to Rs. 1,69,349 against Rs. 1, 10,281. The outstanding balance, deducting remissions, was Rs. 48,152 ngainst Ks. 63,554. The aggregate Local Fund collections were Rs. 1,42,947 and expenditure Rs. 1,43,335. Allkíri revenue amonnted to Rs. $1,25,637$-an increase of Rs. 8,570 , chiefly due to departmental management during's portion of the year. The anounts realized from the sale of genoral and court-fee stamps were respectively Rs, 36,860 and Rs. 51,031 . Toll receipts amounted to Rs. 34,771.

Vital Statistice and
Hedical Heliof

There were 13 dispensaries, including one at Kápshi opened in January 1892. The totalnumber of in and out-door patients was 140,931 against 124,553 last year. The number of patients treated in the Albert Edward Hospital was 39,552 against 37,598 . The number of lunatics

[^3]treated at the asylum was 38 agninst 24 in the preceding year. Births and deaths nam bered respectively 32,646 and 22,733 against 30,452 and 25,777 in the previons year. The numbers of primary and re-vaccinations in the year were respectively 26,714 and 6,604 against $20,4.51$ and 5,497 . Of the primary vaccinations $97 \cdot 2$ per cent. were successful, of re-vaccivations 64.3 . Besides, 1,924 children were vaccinated direct from animal lymph.

The number of educational institutions fell from 223 to 214 , with an attendance of Edacation 13,597 arginst 14,294. Receipts from fees and fines came to Rs. 23,252 against Rs. 24,481, expenditure to Rs. $1,30,460$ against lis. $1,52,440$ in the previons year. The attendance at the Kajaram College increased from 55 to 62 . In the 1st B. A. Examination only 6 out of 32 pa-sed and in the Previous Examination only 7 out of 30 . Attendance at the high school fell from 504 to 445 . Sixty-seven boys were sent up for the Matriculation Exsmination, of whom 37 passed against 62 and 23 in the preceding year. Seventeen stadents were preparing for the examination of the first year's course in the training school for masters. Attendance in the 4 low-caste schools fell from 156 to 137 . The number of low-caste bors being instracted in other vernacular State and aided and unaided schools rose from 269 to 367 . The number of libraries fell from 19 to 17 . There were 5 printing presses.

## SOUTHERN MARATHA STATES.

The following States comprise the subordinate charge of the Assistant Political Agent, Soathern Maratha Southern $M$ arátha Country; their area, population and gross revenue are shown below:- Shatea geuerally.


Of the above, six are administered by their respective Chiefs. Of the others, the Chiefs of Miraj (Junior) and Ramdurg being minors their States are managed by Kárbhfris ander the orders of Government. The State of Jath and its dependency, Daphlápor, were formerly under the political control of the Collector of Bijápur, but they have been placed under the control of this Agency on account of the Chief's deposition and his subsequent death; and the State of Jath is now managed by an Administrator appointed by Government, ander the direct control and supervision of the Political Department. The estate of Daphlápur is managed by the Ranibai Sáheb.

## Síval.

The State continues to be administared satisfactorily by its Chief, Dhandiráo Tatia General Sáheb, assisted by his Kárbhári.

The year was marked by the prevalence, in 4 out of 6 talukas, of a general scarcity. Sceasuand Crops. The early monsoon was insignificant, and the latter short. Both Eharif and rabi crops suffered: The State opened works for the relief of distress.

There remained only one village in the State unsurveyed.
Sarrey.
There were 20 wards' estates under the management of the State authorities as against Wards' Estates. 15 in the preceding year. The aggregate receipts of these were Rs. 32,200 , and the disbursements amounted to Rs, 33,264 .

The police force consisted of $\mathbf{4 3 5}$ foot and 54 mounted men. The total expenditure police on their account was Rs. 58,254 against Rs. 58,720 in the previous year. Otfences reported to the police were 625 against 600 last year. The number of persons arrested was 394 against 375 . Of these, 362 were sent for trial against 359 last year. The percentages of convictions to arrested persons and to persons sent for trial rose from 51 to 52 and 54 to 56 respectively. Property stolen amounted to Rs. 18,179 against Rs. 18,586, and the amount recovered to $\mathrm{R}_{\mathrm{s}}$. 32,106 against Rs. $8, \mathbf{y} 0 \overline{0}$. The percentage of recoveries to stolen property ruse from $48^{\circ} 2$ to $60^{\circ} 5$.

One thousand three hundred and seventeen persons were dealt with by the Magistrates Criminal Jnatree. ayginst 1,530 in $1890-91$. Of these, 385 were discharged, 501 acquitted, 401 convicted, $\because 4$ oummited to the Courts of Session, and 6 remained awaiting trial. The number of apperls was 77 as against 56 last year. All were disposed or during the year.

POLITICAL.

## Thibutary States.

Southern Mardtha Sinter.

## Prisons.

Civil Jantice.

Registration.
Municipalitics.

Forest.

Public Works.

Revenue and
Finance.

Vitalstatistics and Medical Reliof.

Gencral.

Ecason and Crops.
Polico

Criminal Justice.

Prisons.

Civil Justice.

Municipalitien.

Public Works.
Revenue and
Finamce.

There were 1 jail and 7 lock-ups, as in the previous year. Four handred and twenty prisoners were confined in them. The total expenditure on this account was Rs. $7,5-17$ against Rs. 7,514 last year. Four prisoners died in jail during the year.

There were 4,880 suits for disposal as compared with 2,403 in the previous year. Of these, 4,544 were disposed of during the year, leaving a balance of 336 against 2,036 and 307 respectively last year. Applications for execution of decrees numbered 1,958. Only 136 remained undisposed of. There were 400 appeals for disposal during the year. Of these, 343 were disposed of, leaving a balance of 57 against 70 last year.

There were 2,906 documents presented for registration against 2,822 in the previous year. The cost of the Registration Department was Rs. 1,974 against Rs. 1,909 last year.

There were 6 municipalities, as in the previous year. The total receipts and disbursements were, respectively, Rs. 32,939 and Rs. 30,323 against Rs. 34,808 and Rs. 11,865 last year.

- The area under forest was 57,402 acres. Forest receipts fell from Rs. 33,207 to Rs. 29,943 , while the expenditure rose to Rs, 12,373 against Rs. 9,158 in the previous year.

Public works expenditure rose to Rs. 1,37,470 (including relief works) from Rs. 1,03,162. Rs. 65,590 were spent on water-supply.

The year 1891-92 opened with a balance of Rs. $10,36,610$ as compared with Rs. 9,67,828 in 1890-91. Reccipts were Rs. $10,33,741$ ns against Rs. $10,58,654$ last year. Expeuditure amounted to Rs. $10,60,749$ as compared with Rs. $9,89,872$. The closing balance was Rs. $_{\boldsymbol{1}} \mathbf{1 0 , 0 9 , 6 0 2 .}$

There were 8,566 births and 5,883 deaths registered during the year against 8,200 and 5,721 respectively in the previous year. Cholera, small-pox and influenza were present during portions of the year. Persons obtaining relief at the 6 State dispensaries numbered 43,854 as against 39,005 in the previous year. The cost of dispensaries amounted to Rs. 11,889 as against Rs. 12,157. There were 10,076 vaccinations performed as compared with 9,288 in the last year. The expenditure on vaccination was Rs. 2,837.

There were 80 State schools and 21 indifenous schools giving instruction to 5,326 and 663 pupils respectively as compared with 79 State schools with 5,230 pupils and 28 indigenous schools with 900 pupils last year. The Sángli High School sent up 11 boys for the Matriculation Examination; only 1 passed. A new girls' school was opened at Terdal. The cost of instruction was Rs. 31,871 as compared with Rs. 35,305 in 1890-91.

## Mrata (Senior).

This State was creditably managed by Gangadbarrio Bala Saheb, the Chief, with the assistance of his Kárbhári.

The rainfall of the year was scanty and untimely in parts. But the high prices of food-grains were chiefly due to the severer scarcity in neighbouring districts.

The strength of the police force remained the snme as that of the past year- $2 \underline{2} 4$ men. The number of offences reported to the police was 237 as ngainst 216. In connection with these offences 269 persons were arrested as against 241 in the previous year. Two hundred and sixty were sent for trial against 238 last year. Of those sent for trial, 201 were convicted against 198. The percentage of convictions to arrests fell from $82 \cdot 15$ to $74 \cdot 72$. The value of property stolen fell from Rs. 4,096 to Rs. 1,875 . The percentage of recoveries was 47 as against 79 last year.

The Magistrates dealt with 886 cases involving 630 accused against 436 cases and 815 accused in the previous year. Of these 265 were convicted and 8 remained awaiting trial at the close of the year against 270 convicted.

There were 112 prisoners confined in the jails during the year as compared with 146 in 1890-91. The cost of these jails amounted to Rs. 3,010 against Rs. 2,956 in the pre-- vious jear.

There were 678 suits for disposal as against 868 last year. Of these 610 were disposed of against 827, leaving a balance of 68 against 41 in the preceding year. There were 838 spplications for execution of decrees as against 710 last year. Of these 657 were disposed of, the closing balance being 181 against 124 last year. Thirty-seven appenls were filed during the year against 25 in $1890-91$. The opening balance was 3 against 9 . Of these 36 were disposed of against 31, leaving a balance of 4 against 3 .

There were 5 municipalities as in the previous year. The receipts of the Mirnj Municipality, which alone is of importance, amounted to Rs. 25,904. The expenditure was Rs. 27,524. The excess in the expenditure over receipts was met from the bulance.

The expenditure on public works was Rs. 59,953 as compared with Rs. 53,670 in the previous year.

The revenue for the year was Rs. 3,19,467 agginst Rs. 3,29,011 last year. The expenditure was Rs. 3,69,282 against Rs. 3,26,712, the closing balance being Rs. 7, 63,980 against
Rs. $8,13,79$.

Chap. 1. POLITICAS

## Tbibutary Stat

 Southers Mradil States.
## Fital Statistice an

 Yedical Belief. gave rolief to 25,756 patients agrainst 21,792 last year. The cost of these dispensaries was Ras. 7,350 aqainst Rs. 8,122 in the previons year. The number of vaccinations rose from 3,023 to $3,3 n 7$. The expenditure on account of vaccination was Rs. 1,050 . Ont of the 74 attacks of small-pox, 2 proved fatal. There were 3,084 births and 2,453 deaths during the year compared, with 2,976 births and 1,983 deaths in the previous year.There were 44 schools with 3,103 pupils against 43 schools with 2,991 pupils last year. Edncation. The cost of education was Rs. 21,9(16 against Rs. 21,817. The Miraj High School sent up 12 students for the Matriculation Examination, of whom 7 came out successful from the Bombay University and 2 from the Allahabad University.

## Mrbaj (Junior).

- Oring to the minority of its Chief this State continued to be managed by Joint General. Kárlháris. .

The season was a very unfavourable one. The rainfall was generally scanty, and the season and Crops. outturn of crops below the average in Kawtha and Gudgeri talukas. Prices of food-grains rose, and fodder became scarce. Relief works and other measures were instituted to assist the needy.

There was an increase of 4 in the number of police and of Rs. 955 in the expenditure. Police. Sixty offences were reported to the police as against 42 in the previous year. The number of arrests was 101 against 62. All were sent for trial to the Magistrates, who convicted 45 against 36. The value of property stolen was Rs. 1,068 against Rs. 4,403. The percentage of recoveries of property stolen rose from 40.6 to 427 .

The Magisterial Courts in the State disposed of 121 offences iavolving 243 accused Criminal Justice. persons against 105 offences with 190 offenders. Of the offenders, 81 were convicted and 5 committed for trial against 72 and 9 in the previous year. There were 12 appeals against 4 last year. All were disposed of.

There were 1 jail and 2 lock-ups, the cost of which amounted to Rs. 1,662. There Prisons, were 33 prisoners confined in all these jails at the close of the year as compared with 24 last year.

The total number of suits for disposal was 68 as against 107 last year, and 61 were Civil Justice, disposed of, leaving 7 in arrears as compared with 98 in the previous year. There were 68 applications for execution of decrees. Of these 51 were disposed of as against 119 in the previous gear. The number of appeals for disposal was 21 against 30 last year. They were all disposed of during the year.

There were 370 documents presented for registration against 368 last year.
The number of municipalities remained 3. Their receipts and expenditure were Manicipalities. Rs. 3,087 and Rs. 3,402 respectively.

The expenditure on public works rose from Rs. 32,264 to Rs, 45,492.
The gross revenue of the year amounted to Rs. $3,26,009$ and the expenditure to Ps 3,89 nj 0 as compared with Rs, $2,84,264$ and Rs. $2,56,078$ in the previous year, A Finance. decrease in real receipts and the increase in the expenditure were chiefly due to scarcity.

The two dispensaries in the State treated 9.108 patients at the cost of Rs. 3,374. Births numbered 1,319 against 1,203 and deaths 1,076 against 787. There $\begin{gathered}\text { Fere } \\ 126 \\ \text { deaths from }\end{gathered}$ cholera and 15 from small-pox. The nomber of persons vaccinated ( 1,028 ) showed a decrease of 167. A hospital for cattle was opened at Gudgeri, but closed for want of patronage.

One was added to the list of schools, making a total of 29. These were attended by Edacation. 1,277 pupils as compared with 1,413 in $1890-91$. The total cost of education amounted to Rs. 10,312 as against Rs. 7,242.

- Kubundvíd (Senior).

In the majority of villages, there were average crops. In a few there was scarcity. season and Cropa Relipf works were opened, but little resorted to. Prices of food-grains ruled high owing to scarcity in neighbouring districts.

The number of police was 80 . The expenditure on their account was Rs. 5,724 Police. against R.s. 5,090 in the year before. The nomber of offences fell from 45 to 40 , while arrests rose from 46 to 56 . Fifty-three accused were sent for trial against 40 in the previnus year. Of these 28 were convicted against 20 last year. The value of property stolen fell from Rs 2,913 to Rs. 551 , while the percentage of recoveries to stolen property. rose from 53.7 to 60.8 .

Out of 380 persons brought to trial during the year as against 369 in the previous Criminal Justice. year, 54 were convicted against 67 last year. There were 5 appeals preferred, of which 4 were disposed of.

The number of jails was 5. In them 37 prisoners were confined as compared with 22. The jail expenditure amounted to Rs. 1,043 .

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- Chap. I.


## Tembetart Stites.

Southern MFaritha
States.
Civil Jostice.
Registration.
Pablic Works.

## Manicipulities.

Rovence and Finance.
Vital Statistics and
Medical Relief.

Education.

Season and Cropa.
Police.

Criminal Justice.
. Civil Justice.

Registration.

Amanicipalities.
Pablic Works.
Revenue and
Finance.
Vital Statintics and
Medical Rolief.
Education.

Civil Courts disposed of 310 suits as against 497 in the year before. The sutstanding balance was 69 as against 111. Out of 319 applications for execution of decrees, Is7 were disposed of, as compared with 301 and 229 respectively in the preceding year. Out of the 79 appeals for disposal, 70 were dealt with as against 30 in the previous year.

There were 927 documents registered as against 1,106 last year. The amount of fees realized was Rs. 1,569 against Rs. 1,692 in the previous year.

Rs. 16,564 were spent on works of public utility as compared with Rs. 9,004 in the previous year.

There was one municipality at Kurundvad, the receipts and expenditure of which were Rs. 1,852 and Rs. 2,139 respectively.

The revenue of the State was Rs. 1, 38,710 and the expenditure Rs. $1,42,586$.
There were 2 dispensaries which afforded medical relief to 5,899 patients at a cost of Rs. 2,432. One thousnnd five hundred and eight-five vaccinations were performed as against 798 last year. There were 1,372 births and 969 deaths during the year. Cholera and small-pox caused 54 deaths.

The number of schools was 12 against 11 last year. They imparted instruction to 553 scholars against 450 . The cost of education was Rs. 2,386 as compared with Hs. 2,117 in the year before.

## Kurundvid (Junior).

The season was not a favourable one. The prices of food-grains and fodder rose high.
The number of police was 67 as in the previous year. Their cost was Rs. 7,317. Fifty-seven offences were reported against 51 in the previous yenr. There were 96 arrests and 65 accused sent for trial. Of them 37 were convicted as against 46 , and 24 discharged or acquitted as against 6. The percentages of convictions to arrests fell from $61 \cdot 3$ to $38 \cdot 5$. Property stolen amounted to Rs. 1,140. The percentnge of recoveries rose to 58.3 from 348 .

The number of persons dealt with by Magistrates was 228 against 219 last ycar. Of these 33 were convicted as against 131. Six appenls were filed during the year, of which 5 were disposed of.

Of 175 suits before the Courts, 160 were disposed of during the year as compared with 139. One hundred and thirty-five applications for execution of decrecs were disposed of against 97 . Of 35 appeals 32 were dealt with.

Seven hundred and fifty-three documents were presented for registration against 616 last year. There were 750 documents registered as compared with 601 . Fee realizations amounted to Rs. 1,130.

There were 2 municipalities in the State. Their aggregate income and expenditure came to Rs. 1,065 and Rs. 875 respectively.

The public works expenditure during the year was Rs, 9,602 as compared with Rs. 7,484.

The revenue of the State was Rs. 1,42,074 and the expenditure Rs. 1,41,337 as against Rs. $1,35,357$ and Rs. $1,35,469$ respectively.

There were 1,169 births and 727 deaths during the year as against 1,105 births and 777 deaths. The dispensary cost Rs. 626 and gave medical relief to 4,712 persons. One thousand and ninety-eight vaccinations were performed.

There were 9 schools with 422 scholars as compared with 371 in the preceding year. The expenditure on education was Rs. 1,601 as against Rs. 1,551 last ycar.

## Jamkhandi.

The rainfall of the year was below the average, and consequently the prices of foodgrains and fodder rose. Crops failed in some villages.

The police force consisted of 333 men. Their cost amounted to Rs. 45,863. The number of offences reported was 405 as against 425 . Arrests rose from 191 to 261 . Of 251 sent for trial, 112 were convicted against 81 last year. The percentage of convictions to arrests was $42 \cdot 9$ against $42 \cdot 4$. The value of property stolen was Rs. 3,484 against
Rs. 5,961 . The percentage of recoveries to sontions
Criminal Juntico.

Prisons.
Civil Jantico.

Regiatration. Rs. 5,961 . The percentage of recoveries to stolen property rose from $51 \cdot 5$ to $58 \cdot 1$.
these Magistrates dealt with 679 accused as against 425 in the previous year. Of these 166 were convicted and 23 committed for trial. The 14 appeals preferred were all.
disposed of.

There were 1 jail and 4 lock-ups. The expenditure was Re. 3,090.
The number of civil suits for disposal during the year was 1,324 against $1,005$. Of these, 1,143 suits were disposed of against 777 , leaving a balance of 181 against 1,005 . the previous year. All the 40 appeals preferred were disposed of. Out of 873 applicatious for execution of decrees 716 were disposed of.

Seven handred and seventeen documents were registered during the year.

There were 8 municipalities in the Siate, of which only those at Jamkhandi and Kundgol are of inportance.

IEABCTAEY Erates
Sowhern Mardha Staten.
Mnnicipaiftien.
The expenditure on public works rose to Rs, $1,05,511$ from Rs. 91,112 ; Rs. 18,303 Pablic Worke were ap: int on relief works.

The gross revenue was Rs $3,97,881$, and expenditare Rs. $4,79,887$.
Rieverrue and
Finssce.
There was 1 hospital besides 3 dispensaries. Patients treated numbered 31,864, and Vital statition mod cat R.s. 29.59 . There were 3,636 vaccinations against 3,473 in the previous gear. There Hedical Belied. were $3,9 \times 4$ births and $\mathbf{2 , 6 5 1}$ deaths during the year.
$\cdot$ -
There were 41 schools attended by 2, 180 scholars as compared with 42 schools with Edacation 2,104 pupil; last year. The expendicure on erlucation was Rs. 14,693 against Rs. 14,283 last ytar. There were 5 reading rooms in the State.

Mcdel.
The rainfall of the year was scanty and unseasonable, resulting in a general failure of Season and Cropa crops, and high prices. Relief worbs were started to avert distress.

The police force consisted of $\mathbf{1 0 2}$ men costing Rs. 9,276 . Offences reported fell from Police. 107 to 86 , while the number of accused arrested and of those sent for trial rose from 66 and 63 to 87 and 85 respectively. Again, convictions fell from 44 to 37 . The amonnt of property stolen was ks. 2,801. The percentage of recoveries fell to 29.02 from $5 \overline{7} \cdot 2$.

There were 495 persons against 427 dealt with by Criminal Courts. Ont of these, 98 Criminal Jastice against 109 were convicted, and 5 against 2 were committed for trial. All the 9 appeals and Prisons. filed were disposed of. There was 1 jail at Madhol costing Rs. 2,847.

The tratal number of suits for disposal was 344 against 449 in the previous year. Of Civil Justice. these $2: 32$ were disposed of during the year as against 360 last year: There were 400 applications for the execution of decrees during the year as against 384 last year. Of these, $\because 11$ were disposed of against 243 in 1890-91. Out of 43 appeals for disposal during the year against 30 in the year before, 34 were disposed of as compared with 9 last year.

There were 559 documents registered against 557 last year. The receipts amounted Begistration to Rs. 2,490 against Rs. 2,488.

There were 3 manicipalities in the State. Their incomes aggregated Rs. 8,197, and Manicipalitiea. expenditure Rs. 7,829.

Public works expenditure amounted to Rs. 33,284 against Rs. 24,660 last year. Public Works. Rs. $16,77 \mathrm{~S}$ were on account of relief works.

The year opened with a balance of Rs. $9,53,946$. The receipts and expenditure were Revenue and respectively Rs. $2,86,962$ and Rs. $3,09,638$. The closing balance was Rs. $9,13,811$.

There were 2 dispensaries maintained at a cost of Rs. 4,845 against Rs. 4,222 last Vital Statiatica and rear. The number of patients was 20,946 against 18,041. There were 2,430 births and wedical Belief. $\mathbf{1}, \mathbf{4 + 0}$ deaths. Vaccinations numbered 2,454 during the year as compared with 2,286 in $1590-91$, and re-vaccinations 587 against 510 last year. The cost rose to Rs. 802 from Rs. 54. .

There were 24 schools with 1,230 scholars against 23 schools with 1,189 scholars last Edrcation. year. Educations! expenditure was Rs. 7,714 against Rs. 8,585 in the previons year.

## Réfidurg.

Owing to the minority of the Chief the State continued to be managed by Joint General Kárbháris.

The rainfall was insufficient and untimely. The crops failed, and prices of food-grains Season and Cropa. and fodder rose. Relief works were started to avert distress.

The strength of the police force remained 64 , and cost Rs. 6,070 . Offences reported fell Police. from 105 to 32 , and arrests from 120 to 96 . Of the accused arrested 89 were sent for trial as arainst 119 in the previous year. Thirty-five were convicted as against 63 last year. The percentage of convictions to arrests fell from $52 \cdot 5$ to $36-45$. The amount of property stolen rove from Rs. 1,905 to Rs. 2,036 and the percentage of recoveries fell from $4 \mathrm{i} \cdot 1$ to. 17-1.

The number of persons dealt with by Criminal Courts was 197 as compared with 186 Criminal Justice. in the previous year. Of these 55 were convicted. There were 7 criminal appeals preferred and disposed of as agninst 5 last year.

There was 1 jail in the State maintained at a cost of Rs. $1,738$.
Priens.
The number of civil suits for disposal was 184 as against 198 last year. Of these rivi Jurtice. 162 were disposed of as against 187, leaving a balance of 22 against 11 in the previous year. The number of applications for execution of decrees for disposal was 165 against $1 \neq 0$ in the year before. Of these 144 were disposed of during the year as compared with 155 in the preceding year. There were 42 civil appeals for disposal during the year as compared with 24 in the previous year. Thirty-five against 19 appeals were disposed of, leaving a lalance of 7 against 5 in the year before.

Chap. I.
POLITHCAL.
Tributauy Bratal
Southern Mardiha
Slates
Registration.
Manicipalitios.
Public Work. -

## Revanue and

Finance.
Vital statistics and
Medical Relief.

Education.

General.

Season and Cropa

Police.

Criminal Justice.

Prisons.

Civil Jastico,

Registration.
Publio Worka.

## Revenue and <br> Finance.

Vital Statiatics and
Medical Relief. -

Edacation

Gencral.
Seamon and Cropa.
Police.

Two hundred and five documents were registered against 220 last year. The amount of fees realized was Rs. 667 as against Rs. 683.

There were 2 municipalities in the State. Their incomes were Rs, 5,465 and Rs. 2,418, and expenditure Rs. 4,983 and Rs. 2,525 respectively.

The expenditure on public works was Rs. 11,502 against Rs. 17,060 in the previovs year. Of the amount spent during the official year, Rs. 1,413 were on relief works.

The receipts and expenditure of the year were Rs. 74,133 and Rs. 1,37,032 respectively.
The two dispensaries in the State afforded relief to 8,969 persons nt a cost of Rs. 3,061. There were 1,524 births and 1,005 deaths recorded. Cholera caused 129 deaths and smallpox 6 . Vaccine operations rose to 1,838 from 1,408.

There were 17 schools attended by 1,130 scholars as against the same number of schools with 1,195 scholars. The expenditure on education was Rs. 6,972. The Victoria Jubilee Library is the only institution of the kind in the State.

## Jatr.

The Chief of Jath, Amritráo Rámráo Dafle, had been previously deposed on account of the inefficiency of his administration. In 1885 be was reinstated conditionally upon a more efficient discharge of his duties. This obligation the Chief failed to fulfil, and, after repeated warnings had proved of no avail to check his mal-administratiop the Government of Bombay in September 1891 transferred the management of Jath, with. its dependency, Daphlapur, to the Collector of Bijapur, and in November to the Political Agent, Kolhapur and Southern Maratha Country. The Chief, Amritraos, whornas suffering from heart disease and dropsy, died at Poona in January 1892, leseing no heir.

The rainfall was much below the average and uisseasonable: consequently there was a failure of crops in nearly half the villages. The prices of food-grains rose, and the want of drinking water and fodder for cattle was much felt.

The number of police was 73 as against 83 last year ; they cost Rs. 613. Offences reported were 259 against 194. The police arrested 449 persons as agninst 377 in the year before. Of these, 443 were sent for trial against 353 in the preceding year. Convictions numbered 125 as compared with 106 last year. The percentage of.convictions to arrests increased from 28.2 to 29.9 . The amount of stolen property rose from Rs. 4,377 to Rs. 8,911 . The percentage of recoveries rose from 10.1 to 16.9 .

The six Criminsl Courts dealt with 204 cases involving 448 accused as ngainst 174 cases involving 353. Of the 443 accused pergons 123 were convicted as against 108. There were two appellate Courts at work during the year., Ten appenls were filed, all of which were disposed of.

There was only 1 jail at Jath. Fifty prisoners were confined in the jail at a cost of Re. 2,371.

In January 1892 the Bombay Government constituted 2 Courts of origimal civil jurisdiction and 2 Courts of appellate jurisdiction. The Courts of original jurisdiction disposed of 196 suits out of 229 as against 144 out of 162 last 'ycar, leaving a balance of 33 as against 18 last year. Applications for execution of decrees numbered 121 against 110 last year ; 98 against 8 th were disposed of.

There were 251 as against 259 documents registered. Fee realizations were Rs. 588 as against Rs, 534 last year.

The expenditure on public works was only Rs, 8,115. This department was left in a condition of complete disorganization by the late Chief.

The receipts and expenditure of the year were Re. $1,92,164$ and Rer $_{6} 1,60,819$ as compared with Rs. 2,10,374 and Rs. 1,83,885, respectively, last year. The decrease under receipts was due to the general scarcity. On account of the mismanagement of the late Chief the dinancial position of the State had become most unsatisfactory.

The one dispensary at Jath cost Rs. 1,909 against Re. 2,558, and provided for 6,451 patients against 5,749 last year. There were 2,862 births and 2,365 deaths as against 2,881 births and 1,521 deaths in the last year. Cholera accounted for the increased death-rate. There were 3,812 vaccinntions as agrainst $\mathbf{3 , 4 3 4}$ last year.

There were 25 schools with 842 scholars against 26 schools with 888 lust year. The cost of education was Re. 5,049 as against Re. 5,898 last year.

## Daphlápur.

This small estate continued to be managed by Bai Sáheb Daphlé aided by her Kúrthári.
Deficient rain caused a failure of crops and high prices of food-grains and fodder.
The police force remained 28 men. The expenditure incurred on their account was Rs. 423 as against Rs. 409 last year. In 8 cases reported as against 10 last year the police arrested 18 persons against 19. All were sent for trial. Convictions were recorded afnainst 6 as compared with 5 persons last year. The percentage of convictions to arrests rose from 26.31 to $40^{\circ} 15$. The valne of property stolen fell from Rs, 620 to Rs, 304 . The percentage of reeoveries fell
from $98 \cdot 22$ to $49 \cdot 3$.

The Courts dealt with 89 persons againet io last year and coarricted 20 against $\mathbf{2 z}$. Two appents were iled and diepoeed of.

Fonr prisoners were confined in the one joil at Daphlapor, which was maintained at a cost Prisome of Ral lu.

Ten out of 14 civil suits were dispoed of 25 against 14 hast year, lazring a batance of Ciril Jeatice. 4 against 3 at the close of the year.

Nine documents were registered: fees amounted to Rs. 23. .- Regiatratione
Receipts roee from Rs, 15,399 to $\mathrm{Rs}, 16,523$. The expenditure and the closing balance also Rerempe and ncee from Re. 13,59j to Rs. 16,079 and from Res 8,145 to Rs. 8,291 reppectirely;

Finance.
Births oumbered 232, a decrense of 1 ; deaths numbered 293, an increare of lux, due to Vital Statistica and chackers and fever. Small-pox too was present. There were 497 vacinations against $3+2$ last Hedical Bediei. yar.

The 4 vernacular sehools imparted instruction to 98 against 100 papils. The expenditure on Edscation. edncation rose from Rs. $\mathbf{5 0 0}$ to Rs. $\mathbf{6 0 z}$.

## SAFAyt'R

```
Aren, 70 mpare miles ; Popmation (1891), 16,976; Gross Bevenze, Rs, 93,933
```

This petty State is situated in the Dharwar District. Its administration was carried on by Ceneral the Narib aseisted by the Diran. *

The rivifall ( $21 \cdot 39$ inches) was below the average, and all crope, except rice, were very poor. Semoon and Cropea
The strength of the police force was unchanged. There were 118 offences reported against Pulice Criminal 33 hat year. Of 42 persons arrested in cognizable eases and brought to trial, 33 were comricted, giving a percentage of 78 against 72 last year. In non-cognizable cases 44 persons were conricted out of 90 brought to trial. The ralue of stolen property amounted to Rs. 395 against Rs. 218 , and of property recovered to Rs. 184 against Rs. $1 \bar{\nu} 9$ last year. There was one jail at Saranúr. Prisoners numbered 84 against 19 in 1890-91.

The two Civil Courts in the State dispoeed of all the 87 suits instituted. Their value was Civil Jastice Re. $8,1+2$ neainst 74 saits of the ralue of Rs. 7,940 last year. Of 45 applications for execution of decrees, $3 \mathrm{H}_{3}$ were dipposed of. There were 10 appeals against 24 last year; all, bat one, were dispoeed of.

There were 120 deeds registered, an increase of 20. Their value, Rs. 21,522, showed a Begistration. decrese. The net profits of the department were Re. 149.

There was one mumicipality at Sarantr, with an income (including opening balance) of Mmicipalitr. $\mathrm{R}_{6 .} 9,404$, and an expenditure of $\mathrm{Bs} .2,929$.

The revenue (including Lacal Funds) amounted to Rs. 93,233 against Rs. 52,200 in 1S90-91, Rereaue and and the expenditure roee from Rs. 78,8.9 to Rs. 1,45,407. Pablic works expenditare increased from Re. 11,8 ifs to Rs. 15,774.

A dispensary building was completed doring the year and a hospital ascistant advertised vital Statisticas and for. There were 733 births and 530 deaths against 591 and 399 respectirely last rear. The Medical Belief. paliic bealth was grad. Cattle-disease was somewhat prevalent. There were $1,00 \pm$ raccinations against 593 last year. The cost of the raccination establishment came to Rs. 239.

As before, there were 8 schools, educating 416 as against 439 pupils and costing Rs. 2,047 Edacation. against Bs. 1,952. There were 11 indigenous schools with 231 pupils against 9 with 156 last year.

## SIND.

## khairper state.

Ares, $\mathbf{6 , 1 0 9}$ aquare miles; Population (1591), 131,934; Gross Revenue, Ra. 7,62,921.
The Khairpour State lying to the north of Sind is governed in a patriarchal manner by Genenal. His Highness Mir Ali Murád Khán. He was invested with the Insignia of a Knight Grand Commander of the Most Eminent Order of the Indian Empire, on the 2lst November 1891, at a Dartair held at Shikerpur and presided over by His Excellency Lord Harris, Governor of Bombay. During the year the claim of Rs. 6,118, due since $1984-85$ on account of certain prodnce belonging to British subjects carried off' by the subjects of His Highness, was settled. Mo surver of this State has ever been made, and the revenue is collected in kind. About three-fourths of the entire ares of the State is waste. The area under cultivation during the year was stated to be 236,469 acres against 241,801 acres the previous year.

The value of the exports was estimated at Rs. $9,09,321$ and of the imports at Rs. $6,22,875$. Trade. Daties are levied on all articles of import and export, no refunds being allowed. Such articles pascing from one tálukz of the State to another had to pay duty in each tiluks traversed.

The police force consisted of $\mathbf{3 0 6}$ men maintained at a cost of Rs. $\mathbf{3 0 , 3 1 2}$. The cost in the Potice med Criminal precions year was the name. The number of otiences reported was 935 against 880 in the previous Jostioe vear ; the arrests were 1,021 against 997 ; the number of accosed sent for trial was 992 against 930 , and of those convicted 896 against 960 . The percentage of convictions to persons tried was

B 741-3

Tributary statrs. 90 against 98 in the preceding year. The value of the property stolen was Rs. 19, 122 against

Khairpur and Aden.
Prisone.

- Civil Justice.

Military.
Rovenue and "Finance.

Medical Relief.

Education.

General.

Police.
Criminal Juntice.

Prisona.
Civil Juatice

Regintration. -
Municipal.

Rs. 15,530, and the percentage of recoveries to losees was Ro, 96-13-4 against Rs, 83-11-0. Twelve appeals were preferred, 7 of which resulted in the original sentences being upheld.

In the two prisons of the State 1,044 persons were confined against 1,100 in the previons year. Their total cost was Rs. 6,997 against Rs. 7,282 in the year 1890-91.

The only regular Civil Court was that presided over by Mir Faiz Mahomed, the recognized successor of the Chief. Fifty-five suits were filed, of which 51 were disposed of and 4 remained pending. Other civil disputes were dealt with by pancháyats and arbitrators. There were 20 appeals to the Chief, 13 of which were disposed of and 7 remained pending.

The military disbursements during the year amonnted to Re. 1,58,936 against Rs. 1,49,156 in 1890-91.

The receipts of the State are shown to have amounted to Rs. 7, 62,921, including Re. 45,746 on account of last year's outstanding balance, against Rs, $7,24,901$, and the total expenditure to Rs. $6,97,363$ against Rs. $6,79,155$ in the year preceding. The financial condition of the State cannot be given, as His Highness has given no information. But the State is believed to be much involved.

Nine native physicians were employed in the State during the year. Two resided in Khairpur and 7 were in constant sttendsnce on His Highness, treating all the patienta that asked for relief. The expenditure under this head was Rs. 14,755 against Rs. 14,039 in the previous year. Three vaccinators employed in the State effected 2,763 vaccinations against $\mathbf{3 , 5 6 1}$ in the year preceding.

There were 7 schools maintained st the cost of the State. The total expenditure was Rs. 1,824 and the number of scholars that attended them was 280. Besides these there were 37 private echools.

## ADEN.

Aree, 75 equare miles (oxclasive of Perim, 5 square milea) : Population (1801), 44,079 ; Grose Kevenue, Ra, 2,20,779.
Except the Markáshis, who gave considerable trouble to their Chief, and some of the more independent hill tribes, who behaved in an unfriendly way towards the survey party, friendly intercourse with the Arab tribes was maintained. The relntions between the Residency and the representatives of Foreign Powers were good. Amongst the Arab tribes the urual feuds continued, but no serious trouble arose, and the caravan routes remained open and fairly safe. A party of the Great Trigonometrical Survey surveyed 4,400 square miles; with the exception of the opposition above noted, they met with no difficultics. The rainfall and crops were alike up, to, but not above, the average. During the ycar His Excellency Sir George Greaves visited Aden.

The Aden Police are dealt with in Chspter III.
During the year under report the Criminal Courts (excluding the Cantonment Magristrate's and the Perim Assistant Resident's Courts) tried 488 cognizable and non-cognizable cases involving 798 accused persons, the corresponding figures for the previous year being 478 and 772. Of those accused, 609 were convicted. Twenty-two appeals were made and disposed of. The Resident held one enquiry under Act $V$ of 1883 . At Perim 48 persons implicated in 88 cases were tried, of whom 33 were convicted. The Cantonment Magistrate tried 140 cases involving 840 accused persons.

During the year 303 prisoners were admitted to jail ; one prisoner escaped. Receipts from jail mannfactures amounted to Rs. 3,564, -an increase of Rs. 340.

The number of suite disposed of at Aden fell from 1,475 to 1,180 , and the value of property involved from Re. $1,05,524$ to Rs. 66,582 . Ten suits remained undisposed of at the close of the year. At Perim the Assistant Resident disposed of 184 suite of the value of Rs. 2,577 againat 59 of the value of Rs. 1,289 in the previous year. At Aden 11 appeals were disposed of. Receipts amounted in the Resident's Court to Rs. 14,462 against Rs 17, 037 in the year before; the expenditure rose from Rs. 11,419 to Rs. 11,626 . The Vice-Admiralty Court at Aden was abolished, and the Court of the Resident was declared a Colonial Court of Admiralty. No cases were adjudicated.

One hundred and thirty-seven deeds, representing property of the value of Rs. $1,70,900$, were registered against 105 deeds of the value of Rs. 1,58, 162 in 1890-91.

The pross revenue given at the head of this section represents Imperial and Provincial receipts, which are dealt with in Chapter V. The revenue of the Aden Municipality for $1890-91$ and 1891-92 is shown with the expenditure in the following table :-


The increased expenditure was chiefly under the head Public Works.

## Information under this heading is given in Chapter III.

Quarantine was imposed at different times and for various periods on arrivals from Arabian ports in the Red Sea, Boulukumba, Bombay, Calcutta, Madras and Point de Galle.

The numbers of births and deaths were 465 and 1,504 against 692 and 1,654 last year. With the exception of the prevalence of malarial fever in April, May and June the public health was fairly good. Including Shaikh Othman, there were in all 20,406 patients treated in the various hospitals and dispensaries, against 21,021 in the previous year. There were 30 cases of small-pox against 11 last year. The number of vaccinations fell from 1,351 to 1,324 .

Details under this heading are given in Cbapters III and IV.
Thibutary Etates.
Aden and the Somali Coash.
Marine.
Quarantine.
$\rightarrow$
Vital Statistics and
Medical Relief.

The total expenditure on education in the Settlement was Re. 6,785. The new school at Elucation. Tawahi showed great improvement after the removal of its late incompetent master. The attendance at the Crater English School fell from 1,164 to 984, and at the Tawahi English School rose from 214 to 305 . The attendance at the vernacular schools, except that at Tawahi, showed a steady falling off. Thirty-five private schools, 2 of which were doing good work, received grant-in-aid to the amount of Rs. 497.

## the somall coast.

Grosu Revanue, Rs. 1,84,202 (approximately).
There was no change in the limits of the British Protectorate. The peace ratified last year General. between the Habr Awal and the Esa Somal remained unbroken in spite of occasional disputes. A peaceful settlement of the disputes between the Habr Yunus and the Ayal Yunus was also effected. Great fears were entertained of raids by Abyssinian forces. But, as the event proved, the efforts of the plunderers were directed against the Southern Ogaden, who suffered most severely. During the year, Government fixed the amount of stipend payable to each tribe. With the exception of the Ughaz of the Gadabursi, who robbed and detained an Italian traveller, and of the Rer Hared and the Nuh and Ahmed Farab Rer Yusuf sub-tribes, who gave a little trouble by looting, the relations of Government with the tribes were excellent. The Berbera plain and the caravan routes were practically free from raids. There was a serious falling off in customs receipts, while the trade of the neighbouring French port of Jibuti made progress.

Berbera-Bulhar.-This force numbered 74 men. The camel corps of 26 men were happily Police and Criminal not required against raiders, but their rapidity of movement proved useful in various instances Justice. during the year, and was calculated to impress the tribes. The number of cases disposed of was 48.2 involving 744 persons, of whom 649 were convicted. Two appeals were preferred and disposed of during the year. Crime was for the most part not of a serious nature.

Zaila.-The police force numbered 17 and were assisted by the Baladiya force of 20 men when the latter were not employed on escort duty. The number of offences rose from 112 to 115. Out of 180 persons accused, as against 194 in the year before, 164 were convicted. Four appeals were preferred and disposed of.

There was a jail at Berbera; one at Zails was completed and one at Bulhar nearly so. The Prisons. admissions were 351 against 304 last year. Weaving was introduced in the Berbera jail.

At Berbera-Bulhar the number of civil suits was 210, a decrease of 196; and at Zaila 201, Civil Justice. a decrease of 48 . Of 8 appeals preferred, 2 were still awaiting disposal at the close of the year.

The military force on the Somali Coast was reduced to 116, and the detachment of the military. Aden Troop was finally withdrawn owing to the formation of the camel corps.

The number of steamers visiting Berbera and Bulhar was 122 ; the number of native craft Trade. showed an increase of 439 . Zaila was visited by 104 steamers and 464 native craft. The total values of imports and exports at that port fell respectively from Rs. 15,79,102 to Rs. 10,16,985 and from Rs. $21,93,276$ to Rs. 15,17,213. At Berbera-Bulhar, imports amounted to Rs. $16,75,613$, 2 decrease of Rs. $\mathbf{3 , 1 4 , 1 0 8}$, and exports to Rs. 16,25,947, a decrease of Rs. 1,36,917. At Zails imports were valued at Rs. 12,78,952, a decrease of Rs. $3,00,150$, and exports came to Rs. $18,68,592$, a decrease of Re. $6,24,834$. The decrease of trade in Berbera-Bulhar was partly caused by last year's cattle-disease affecting the trade in hides; that in Zaila was due to famine and misrule in Harrar whence most of the trade comes.

Berbera-Bullhar.-The total revenue of this sub-division amounted to Rs. 1,17,972 against Revenue and Rs. $1,39,429$, and expenditure, excluding public works and military works charges, to Rs. $1,11,255$ Fiaance. against Rs. 79,484.

Zuila.-Corresponding figures for revenue and expeuditure at Zaila were Rs. 66,229 this year against Rs. 74,126 and Rs. 35,158 against Rs. 33,339.

The general health was good and there was no epidemic. In the Berbera dispensary Medical Relief. 2,39.5 patients were treated against 2,093 last year. Vaccinations numbered 783 against 638 in Berbera. The people of Zaila were prejudiced against vaccination and opposed its introduction.

There were 86 boys on the register of the new school at Berbera.
Education.

# CHAPTER II.-ADMINISTRATION OF TIIE LAND. 

## Surveys.

## Great Trigonombtrical Survey of India.

General.
Gujarat Party.

## outhern Maratha

 Party.
## Kolhapur City

 Survey.
## Cost.

The party was divided into two camps, the one to complete the survey of the remaining area in Gujarat, whilst the other continued the survey of the Southern Maratba Country.

The survey in Gujarát comprised the remaining portions of the State of Dharampur and certain portions of Portuguese territory known as Nagar-Haveli, and completed the survey of the province of Gujarat. The area surveyed amounted to 853 square miles and that triangulated to 300 square miles. On entering Portuguese territory some difficulty was experienced with the local officials, who ejected one of the native sub-surveyors, and operations were in consequence temporarily suspended. However, an undorstanding was at length arrived at with the Governors of Goa and Daman, and there was no further hitch. The area surveyed was covered with forest, and the features of the ground were of an intricate nature.

The survey in the Southern Maratha Country comprised portions of Native States under the Kolhapur Agency and of the Belganm District covering an area of 1,083 square miles. Triangulation in advance of detail survey for next field season was effected over an area of $\mathbf{1 , 8 1 0}$ squarare miles; also the traversing of the trijunctions of villages in British territory in a somewhat smaller area.

In addition to the above, a survey of Kolhípur city and cantonment was made on the scale of 8 inches to the mile: the original sheets of the city portion, surveyed on the scale of 100 feet to the inch, were kindly lent by the Kolhapar Darbar, and utilised for incorporation in the map by the process of reduction.

The cost of the above operations amounted to Rs. 80,477 .
Tidal and Levelling Operations.
No new tidal observatories were established, nor were any of the old ones dismantled during the year under review. Those at which observations were carricd on were:-Aden, Karáchi, Bhávnagar, Apollo Bandar Bombay, and Prince's Dock Bombay, the tidal registrations at all of them being very satisfactory. The last two annual reports on the important permanent station of Aden were very unfavourable, but during the year of report the tidal registrations there returned to their former satisfactory condition. The Port Officer's supervision of them was efficient, and the tidal observatory clerk performed his duties correctly. The tide gauge worked almost uninterruptedly throughout the year. The longest break in its registrations was one of 56 hours' duration which occurred in July and was due to the stoppage of the driving clock; another stoppage due to the same cause, but lasting only 6 hours, took place during the same month; and one other slight mishap happened in June, when on one occasion the pencil failed to mark the tidal curve for 7 hours. A new pattern tide gauge with 'regulator clock' was substituted for the old one in May 1890. The clock rate from the first was not uniform, and the clock was damaged through tampering with it in order to regulate it. It was therefore removed on July 25th, and a spare pendulum clock, sent from Poona, was substituted for it, with the result that excellent time was kept, and no failure of any kind was reported. The auxiliary instruments worked very satisfactorily, and their readings were correctly taken by the observatory clerk. An iospection of the observatory was made between the 13 th and 23 rd May, when the instruments were all cleaned and put into working order. The piles supporting the observatory were found to be very much worm-eaten. The Political Resident was therefore requested to take measures to have them renewed. At Karichi, which was one of the permanent tidal stations, the record of the year's work was, as usual, very satisfactorya fact due to the excellent arrangements of the Port Engineer. There was not a single break in the continuity of the tidal registrations during the year ; and the record of the auxiliary instruments was almost equally perfect, one interruption only having occurred in the registrations of the anemometer in March, while that instrument was being repaired. The observatory was inspected in February and all the instruments found in good order except the anemometer, which was subsequently repaired. At Bhavnigar the tidal registrations were satisfactory on the whole. During the first four months of the survey year the rules regarding the flushing of the cylinder were not properly olserved; but after February there was a slight improvement in this respect. In addition to the unnvoidable interruptions to the tidal registrations caused by flushing, there were $n$ few short interruptions due to slight accidents to the communicution pipe and air-cock, to the pencil failing to work, and to the stoppage of the driving clock; but in all these cases the broken curves were easily
completed by interpolation. The self-registering aneroid barometer continued to work imperfectly in spite of repairs to it executed at Poona. The standard mercurial barometer and the anemometer worked very well. The tide gange and anemometer were cleaned after the inspection of the observatory carried out in January. At the Apollo Bandar tidal observatory the tide gauge worked aninterruptedly throughout the year. The graduated staff used for comparing the level of the water outside the cylinder with the level of the water within it as indicated by the tide gange, was experimentally replaced by another of a difierent construction. The observatory was inspected in January, when on testing the balance of the gange a breakage of the counterpoise chain on the float side was detected and repaired. The small scale tide gange with upright recording drum at the Prince's Dock, which has been at work for four years, continued to produce very satisfactory records on the whole. The few short interraptions and irregalarities in the registrations which occurred daring the year were due to slight imperfections in the design of the instrument. Preparations were being made for commencing tidal observations at Sábet, Bushire and

- Muskat.

The tide tables for the Indisn ports for the year 1892 were received from London on Tide Tables. Novernber 11th, December 15th, 1891, and Jannary 11th, 1892. They contained predictions for nine observatories in the Bombay Presidency, viz., for those at Aden, Karáchi, Okha Point, Port Albert Victor, Bhánnagar, Apollo Bandar Bombay, Prince's Dock Bombay, Mormagao, and Kárwar.

No levelling operations were in progress in the Bombay Presidency during the year.
Levelling operations

## REVENUE SURVEY.

## Presidercy Proprb.

The following Revenue Survey Parties were at work during the year under report :- Parties at work the Gujarít Survey ; the Deccan Survey; and the Konkan Survey. In addition to these, a party of surveyors of the Survey of Indis was employed throughoat the year on the survey of the forest tracts of the Presidency proper. The general control of all these branches was exercised by Mr. Ozanne, aid, during his absence on leave in England, by Mr. Fletcher.

The subjoined statement shows the effective strength and outturn of work of each of the three Revenue Survey Parties above referred to :-


It will be seen from the above statement that the operations of the year resulted in an increase in the area measured and a decrease in the area classed.

In this branch of the survey the number of field establishments at work daring the year Gajarat Survey. was six. Of these, one was employed during the first two months of the season on the revision survey and classification of the talukdari villages in the talukas of Dhandhaka and Goghs of the Ahmedábad District. Daring the latter part of the season, the men of this establishment were employed on similar operations in the villages of the Viramgam and Sánsnd talukas, in addition to the other two talukas above named. Of the remaining five establishments, three were employed in revising the original classification of the villages in the Naliád, A'nand, Mátar and Mehmadabad talukas of the Kaira District, and also in the Cambay State. The other two establishments consisted of measurers: one was employed on revision measurement in the Borsad and Thasra talukas of the Kaira District; the other on similar work in the Kapadvanj and Nadiad talukas. The work of sub-soil-water classification was also carried out by these establishments, during the year, in some of the talukas of the Kaira District. The total expenditure amounted to Rs. 1,33,084 against Rs, $1,08,843$ in the year previous.

The number of field parties employed in this survey during the year was on an average Deccan Surrey.

| Ehrindesh |  | Nsuik | $\cdots\left\{\begin{array}{l} \text { Báglan. } \\ \text { Peint. } \\ \text { Malegaon } \end{array}\right.$ |
| :---: | :---: | :---: | :---: |
|  | Stitu | $\ldots\left\{\begin{array}{l} \text { Valva } \\ \text { Pátan } \\ \text { Karid. } \\ \text { Jarli. } \\ \text { Wai. } \end{array}\right.$ | . | 20. Of this, 9 were measaring

- $341-9$ and 11 classing. The measuring parties were employed on revision measurement operations in the marginally noted talukas of the Khándesh, Sátára and Násik Collectorates, and on original and revision measurement operations in
the Nandurbar Taluka and Navápur Petha of Khandcah. One of the measuring parties was
 employed on original measurement in the Kurundvad (Junior) State daring the firat two months of the scason. The classing parties were employed on revision classification in the marginally noted tálukas of the Khándesh, Satéra and Nasik, Sholapur and Poona districts, and on original and revision classification in the Nandurbár Táluka and Navár pur Petha of Khándesh. Revision measurement and classification of certain isolated villages in the above-mentioned districts wore also carried out during the year. The total expenditure of this branch amounted to Rs. 2,26,116 against Rs. 2,87,253 in the previous year.

Kónkan Survey.

Bombay Forest Survey.

The number of field establishments employed in the Konkan was 13 throughout the year. Of these, 8 were purely classing and 10 measuring. Of the 10 measuring establishments 8 were employed on revision measurement operations in the marginally noted talukas of the Thana District throughout the year, while the remaining 2 were employed on similar operations in the Roha Táluka of the Kolaba District up to the close of the field season 1890-91, and from the commencement of the field season 1891-92 up to the close of the year under report on similar operations in the Murbad, Vida, and Salsette talukns of the Thána District. Of the 3 classing establishments, one was omployed on revision classification partly in the Roha Tálake of the Kolába District and partly in the Kalyán Táluka of the Thana District, and the remaining 2 on similar operations in the Kalyan, Murbad and Bhiwndi talukas in the Thana District. The total expenditure of the survey amounted to Rs. 1,97,719 against Rs. $1,84,541$ in the previous year.

The total outturn of this party is oxhibited in the subjoined statement :-


The party was divided into 2 sab-parties, of which one was employed in the Northern Circle and the other in the Southern Circle. The outturn of the party employed in the Northern Circle consisted of 440 square miles of triangulation and 266 miles of traversing, in addition to 175 square miles of topographical survey. Of.the 175 square miles, 26 were surveyed on the $4^{\prime \prime}$ scale, 100 on $8^{\prime \prime}$ and 40 on $16^{\prime \prime}$ scale. The outturn of the party employed in the Southern Oircle consisted of 150 square milas of triangulation and 143 miles of traversing in the Sirsi Taluka of North Kinara. In addition to this the topographical survey of 361 square miles was carried out during the year. 'Of this, 190 square miles were surveyed on Yellápur and Pane Sirsi Talaka of the Kanera District and 110 and 61 on the $8^{\prime \prime}$ scale in the cost of the party amounted to Rs, 64404 Kanara and Kolába districts respectively. The total cost Rs. 27,483 were on account of the wainst Rs. 71,605 in the previous year. Of the total Rs. 36,921 , on account of the work done in the Sone in the Northern Circle, and the balaace, Rs. 36,921 , on account of the work done in the Southern Circle.

The total expenditare on revenne surveys contrated with that of the previous year is shown kehow:-

| 500\% RE |  Rs |
| :---: | :---: |
| 5,50,643 | 5780,919 |

The total experditure of the Forest Surrey Party for the year under report was Rs, 64, 404 against Rs. $71,6 i j 5$ in the previous year.

## Snd.

Doring the year under report no regular original or revision survey work was carried Mesarement on: the work done consisted of (1) measarement of Collectors' numbers, (2) measurement of land siven oat for caltivation in the talakss preriously brought under seftlement or preparen for temporary settlement, and (3) the measurement of 1st and 2nd class jaghirs The work mentioned in (1) and (2) was carried on in the onder-mentioned tallukas :-

| Karichi Collectorate. | $\cdots\left\{\begin{array}{l} \text { Ghoribari Taluka } \\ \text { Mirpur Sátro Tálaka. } \\ \text { Malir Tappa of the Karachi Taltuka } \end{array}\right.$ |
| :---: | :---: |
| Hyderabed.-. .-. | $\ldots\left\{\begin{array}{l} \text { Yacháhro Takuka } \\ \text { Bedin Trlaka. } \end{array}\right.$ |
| Shinípar .-. ... | $\ldots\left\{\begin{array}{l} \text { Ubauro Taluks } \\ \text { Mirpur Míthelo Talakz } \\ \text { Ghothi Talaks } \end{array}\right.$ |
| Cpper Siod Frontier District | $\ldots\left\{\begin{array}{l} \text { Kashmor Tílata } \\ \text { Thal Tiluka } \end{array}\right.$ |
| Thar and Pírour District... | $\cdots\left\{\begin{array}{l} \text { Cmarkot Tikukn } \\ \text { Sanghar Talukaz } \\ \text { Khipra Tálukz } \end{array}\right.$ |

The work referred to in (3) was executed in the following talukss:- .

| Eiyderabed Collectorate ... | $\left\{\begin{array}{l} \text { Guni Tílaba } \\ \text { Dero Mohbat Tíloka } \\ \text { Badin Táhka. } \end{array}\right.$ |
| :---: | :---: |
|  |  |
|  |  |
|  | Hála Tálukz |
|  | Moro Talaka, |
|  | Hyderábad Táluka |
|  | Sakrand Talukz |

The entire area measared was as follows:-


Of the above work, test was taken to the following extent:-

|  |  |  | 5 cm | Acrea |
| :---: | :---: | :---: | :---: | :---: |
| By Europeans ... <br> , Sub-Ansistantis <br> . Native teater ... | $\ldots$ | ... | 42 | 994 |
|  | -. | -.. | 4,734 | 29,538 |
|  | *-. | $\cdots$ | 185 | 1,181 |
|  | Total |  | 4,961 | 31,303 |

Which is equivalent to a test by the officers in charge of parties of 8.67 per cent of survey numbers and 9.61 per cent. of acres, and by native subordinates employed as testers of 0.34 per cent. of survey numbers and 0.38 per cent. of acres. Of the survey numbers submitted to test


No recrular classification work was carried on during the year nuder report. Both Classificatico

- classers and measurers were employed on the work (of obtaining information regarding occupantis' names, their shares, irrigational soorce, \&c., \&c.) hitherto exclosively done by clasers. The total area dealt with was the same as that recorded above, vis. 55,105 enrver numbers comprising 313,371 scres. Of this ares, 4,775 survey numbers containing 30,122 acres were personally examined by the officers in charge of establishments and 1,181 acres enmprising 185 survey numbers were tested by the native testers; the test taken was aoout 10 per cent. of the work done by the establishments.

The estimated and actual expenditure for the year were as follows:-
Expenditare.


Chap. II. ADMMNISARA. LAND.

Finaricial rearulto.
summarized in the subjoined statement:-

| Name of Twuke or Braten | $\mathrm{N}, \mathrm{of}$. Villagea. | Pat Coliections. | Futimated Colloctions under roviaed Sothement. | Pracritage. |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Iocreast. | Decreage. |
| - Gujardi Revenue Survey. |  | R. | Re. |  | - |
| Sanand ... . ... . ... ... . ... | 47 | 1,12,457 | $1,40,517$ 3,784 | $25^{\circ}$ | * |
| Gogha ... . ... ... . ... | 4 | 3,338 | 3,181 | 13'2 | -.. |
| - Deccan Revenue Survey, |  |  |  |  |  |
| Jamner ... ... ... ${ }^{\text {... . ... }}$ | 171 | 1,71,461 | 3,07,278 | 26.8 24.6 | $\cdots$ |
| Bhusaval... . ... ... ... | 237 | $2,40,571$ 3,727 | 3,07,256 | 19.6 | .. |
| Peint ... ... ... . . . . | 14. | 75,353. | 4,456 97,726 | 19.6 29.7 | ... |
| Málsiras ... | 4. | 5,292 | 5,419 | $3 \cdot 8$ | $\ldots$ |
|  | 69 | 95,749 | 1,40,008 | 46.2 | - |
| Konkan Revenue Survey. |  |  |  |  |  |
| Mokhidha Pets (Shahapur) ... *.• | 59 | 6,045 | 11,156 | 68. | - |
| Total | 668 | 7,20,503 | 9,26,875 | $28 \cdot 6$ | $\cdots$ |
| Add- Antinated Firiadigs and Native Statrg |  |  |  |  |  |
| Indm Fillages. |  |  |  |  |  |
| Haveli ... .... .. | 37 | 61,971 | 70,113 | 52.2 | . ${ }^{\text {a }}$ |
| Khed ... ... ... - ... | 1 | 2,078 | 2,408 | 18.5 | ... |
| Máral ... ... ... ... |  | 672 765 | 750 961 | 11.6 25.6 | $\cdots$ |
| Shrigonds . ... ... .... | 1 | 765 | 961 | 25.6 | ... |
| Total | 40 | 65,486 | 83,287 | 5011 | ** |
| Wative Stdes. |  |  |  |  |  |
| Rasté Jaghir | 1 | 1,841 | 2,668 | 44.9 |  |
| Kavta (Miraj Junior) .... | 10 | 48,011 | 47,697 |  | 8.5 |
| . Total | 11 | 80,752 | 50,365 | ** | 0.7 |
| Grand Tokal | 718 | 8,20,761 | 10,60,527 | $28 \cdot 3$ | $\cdots$ |

## Sanand Taluka.

Gogha TaIuka.

The settlement operations in the Gujarat Survey consisted of the introduction of revision settlement into 47 and 4 Government villages of the Sanand ond Goghe talukos of the Ahmedábád District respectively.

This taluka is bounded on the north by the Kadi Taluka of the Baroda State, on the enst by the Daskroi Taluka, on the west by taluka Viramgam and on the south by taluka Dholka. With the exception of a fev sand hills on the north-west and south-west corners of the taluka, Sanand is a plain well wooded in its eastern half where the red soil prevails, but becoming open and treeless as one proceeds into the black-soil villages bordering on Viramgam. There is both the red and black variety of soil in the taluka, the former being found in the eastern half and the latter in the western. In the depressions in the red-soil tract the besur, or ' mixed description,' exists, which, owing to its farourable situation for accumalating rain water, is mainly used for growing rice. The mode of husbandry practised in this táluka is the same as that followed in other talukaśalready resettled. The chief products of the taluka are jowari (great millet), bajri (spiked millet), wheat, rice and cotton. Since the original settlement the communications in the taluka have been much improved by the extension of the B. B. and C. L. Railway through its northern portion. The chief markets are Sanand and Ahmedabad where the produce of the taluka is sold. The weaving of coarse cloth is one of the two industries practised in the taluka. The weavers are all Dheds, a depressed class, and the cloth manufactured is khadi, which is consumed locally. The other industry is cotton-ginning, for which there are two factories. The total area of the Government villages is 198 square miles and the density of population 260 per square mile. The revision operations were carried out on the partial system. For the purposes of assessment the taluka was divided into 5 groups, and the maximum rates adopted varied from hs. 8-4-0 to Re. 1-8-0. The result of the introduction was an increase of 25 per cent. on its former revenue.

There are only 4 Covernment villages in this taluka, all the rest being tálukdari or insm. These 4 Government. villages lie scattered in different parts of the talaka, 2Bhekda and Khokra-being in the hills and the remaining 2-Karera and Gogha-in the plains. The total area of these villages is 24 square miles and the population 8.771 or 365 souls per square mile. The staple products of the villages are jowári, bujri and til (gingelly seed). The extent of grass land is unusually large, but it is principally composed of hill sides and rocky areas which cannot be cultivated. Grass has good marketable value

Chap. II. ADMOSTSTRA: LAND. LAND owing to the proximity of Bhavnagar. The revision operations were earried out on the partial system. The result of the introduction of revision settlement was an increase of 13 per cent. in the old revence of the villages.

The settlement work of the Deccan Revenue Survey comprised the introduction of Deccan Settlementr. revision survey rates into 552 Government villages of the Khándesh, Násik, Poona, Sholápar and Sátars districta, and 40 inám villages of the Poons and Nagar districts. Original survey rates were also introduced into 1 village of the Ráste Jaghir and 10 villages of the Karts Taluks of the Mirsj (Junior) State.

There are 171 Government and 25 Inán villages in the Jamner Tajula. It lies in the Jimnar Talnka south-east corner of Khándesh, and is bounded on the north by the Bhusával and Jalgaon talukas, on the south by the territory of H. H. the Nizám, on the east by the province of Berar, and on the west by the talukas of Jalgaion and Pachora. Most of the northern and central parts of the district are fairly flat, with only the slight elevations and depressions usual in country other than black-soil plains. On the northern and eastern boundary, however, these elevations rise to the dignity of low hills, not continuous, but broken in ontline. In the sonthern part, the country is more broken and hilly, and strikes the eye by its bleak and sterile look. The soil is generally poor, most of it being grey sad red, except in the bottom of the declivities and valleys, where rich soil of black or dark-brown colour is met with. The climate does not vary materisily in different parts of the taluks, and is on the whole healthy. The rainfall also varies little in any part, and is sufficient for the earlier and later crops. The chief products are jowari, bajri, wheat and cotton. In point of communication, the taluka is better off now than at the original settlement. There are 10 market towns in the taluka, and they are so situated that one at least, if not two or more, is accessible to nearly every village. The total ares of the Government villages is 443 square miles, and the population 151 souls to the square mile. The revision operations were carried out on the partial system. The villages were divided into 2 groups for assessment purposes, and the rates adopted were Rs. 3 for the former and Rs. 2-8.0 for the latter. The general result of the introduction of these rates was to increase the former assessment of the villages by 26 per cent.

The Bhasaval Taluka comprises 237 Government villages and 7 Inam. It lies on the ex- Bhusalal Tainks treme east of the Khandesh District and is of long and irregular shape, especially in the north east corner where a narrow tongue of its lands rans eastwards into Berar and northwards into Nimar. It is bounded on the north by the Tapti River separating it from the Savda Taluka, on the east by the provinces of Nimar and Berar, on the south by the Jamner Taluka, from which it is separated for a part of the boundary by the Sur River, and on the west by the taluka of Jalgan, from which it is separated by the river Vaghur. The northern and north-western part of the sub-division is flat and monotonons. The prevailing soil along the banks of the Tapti is black and good. The southern and south-eastern part does not possess such good soil throughout, and is undulating, with solitary hillocks of slight elevation rising above the general level. The whole taluks is scantily wooded in almost every part, but along the banks of the Purna and of some of the larger streams there are extensive groves of babul. The climate of the taluka is generally heaithy throughout, except in the small portion which lies under the chain of high hills on the Nimar frontiey. The rainfall is sufficient for agriculture and is equal in all parts. The chief crope of the táluks are cotton, jowari, bajri and wheat. Siuce the introduction of the original settlement the communications of the talaka have been mach improved by the extension of the G. I. P. Railway, which passes right through the centre of the taluks from weat to east. The only local industry is weaving coarse cotton cloth, carpets, and common conntry blankets, and its extent is onimportant. There are 8 principal market towns, of which 5 are within the limits of the taluka proper, and the remaining 3 lie in the Edalabad Peta. The total area of the Government villages is 656 square miles and the density of population 164 to the square mile. The revision operstions were carried ont on the partial oystem. The villages were divided into 2 groups for the purposes of assessment, the rates adopted being Rs. $3-4-0$ and Rs. 3 respectively. The result of the introduction of these rates was an increase of $\mathbf{2 4 - 6}$ per cent. over the former assessment.

The number of villnges in the Peint Taluka into which revised rates were introduced is Peint Tainka 14. These villages form a compact group immediately to the sonth of the 38 villages already settled. They lie on the sonth-east corner of the táluka, touching the Dindori and Násik talukse respectively on the east and south. With respect to physical features, communication, climate, \&ce, these villages are similarly circumstanced with the 38 villages already settled, and accordingly the same maximum rates 83 were applied to the latter were ertended to these villages, with the result that their former revenue was increased by 19 per cent

The Másiras Táluka, which is the westernmost portion of the Sholapur Collectorate, Másiras Taluke. lies between the river Nira and the Mahadeo hills, beyond which respectively are the Indápur Táluka of Poons and the Man laluks of Sátára. On the west the taluks, marches with the Phaltan State and in the east with Sangola, Pandharpur, Madba and Karmala talukas, all of Sholápur. The country differs in no general way from' the ordinary characteristics of the Eastern Deccan, and consists of an undulating plain, more level and richer in soil towards the river boundary on its north and more broken in surface and more sterile alogg the foot of the hills which bound it on the south. The climate is generally favourable, and the rainfall, though somewhat scanty, is sufficient for the ordinary kinds of
$=741-10$
dry-crop cultivation. The staple produce of the talaks is jowari, which alone talen ap 50 per cent. of the cultivated area. In point of communications the táluka is well off. Weekly markets are held within the táluka at Akluj, Náteputa and Malsirás. Of theye the first named is the most considerable, though not of importance. The total area of the táluka is 477 square miles and the density of population 121 to the square mile. The remeasurement of the tuluka was done on the partial system, and the classing partly on the plan of taking a percentage of the work of each of the old classers and partly on that of classing a certain percentage of each village. For the purposes of assessinent the villages were divided into 2 groups, the maximum rates applied being Re. 1-4-0 and Re. 1-3-0 respectively. The result of the introduction of these rates was an increase of 29 per cent. on the former revenue of the villages.

The villages of the Mádha Taluka into which revised rates were introduced during the year are Akund, Penur, Yeoti and Bhend. Revised rates for these villages were proposed along with those of the other villages of the taiuka, but their introduction was deferred till last year owing to the original survey guarantee not having expired. The result of the introduction of these rates is an increase of 3.8 per cent.

The Khánapur Taluka rests its western boundary on the edge of the plateau which is here at once the eastern limit of the basin of the Krishna River and the boundary of the Karad l'aluka. To the east it is bounded by a broad range of hills which occupy a large area in its south-east corner and separate it from the State of Atpadi. To the north it marches with the Khatáv Taluka and south with that of Tasgaon and with certain scattered villages of the Sangli Jághir. 'J'he country is, for the most part, an undulating plain draining east and west into the river Yerla, which flows from north to south through its midst. The south-eastern portion is broken into multitudinous small gorges and plateaux by the range of hills above mentioned and is arid and stony in general appearance, though the gorges are fertile and well watered by numerous streams which are much utilised for irrigation. In the plain part of the taluka the soil is very variable in depth, though there is much of black along the river and its tributary streams, which are dammed and led off for irrigation wherever possible. The climate of the táluka is good, the average fall of rain being sufficient for all the usual dry-crops. The early crops greatly predominate, and jowari and bajri together cover more than half the cultivated area. The communications of the taluka have been improved since the original settlement by the construction of two new Local Fund roads, but the main improvement is the Southern Marátha Railway opened in 1886, which passes along the western border at a distance of only a few miles. Weekly bazars are held in 3 villages of the taluka, of which Vita is the most important. The total area of the villages is 412 square miles with a population of 198 per square mile. The revision operations were carried out under the partial system. For the purposes of assessment, the taluka was divided into 5 groups, the rates adopted varying from Rs. $2-4.0$ in the first group to Re. 1-4-0 in the last. The result of the introduction of these rates, including the new water rates on a large area of land newly irrigated from streams, was an increase of $46^{*}$ per cent. on the former revenue of the villages.

The settlement work of the Konkan Survey consisted of the application of survey rates to the varkas lands of the villages of the Mokhadn Peta of the Sháhapur 'Táluka which had hitherto been held on the Nagarbandi and Khasbandi tenures. The result of the extension of the survey settlement to these lands was an increase of 68 per cent. on the former revenue of the peta. In addition to the settlements above referred to, revised rates were introduced into 40 Inam villages of the Poona and Nagar districts and 11 villages of the Miraj (Junior) and Ráste Jághir.

The settlements effected during the year resulted in a yearly onhancement of revenue of Rs. 2,06,352 or 28 per cent. in British villages and of Rs. 27,414 or $\$ 5$ per cent. in alienated villages and Native States. .

The total cost of revision settlement operations up to the ${ }^{\text {" }}$ present time has been Rs. $50,64,541$. This expenditure has resulted in an increase in the revenue demand of Rs. $28,95,904$ or 33 per cent. on the former revenue, being equal to a return of 57 per cent. on the total expenditure.

## Sind.

During the year, proposals for the irrigational sottlement of the Rohri, Thal, Larkhána, Mirpur Khás and Shahdadpur tálukas were submitted, but only one, namely that for the Thal Taluka, received the sanction of Government.

## Aliphation Settlements,

General.

In the districts of the Northern Division, the enquiries have been completed, and only $53 \dagger$ sanads remained to be issued. In the Central Division, Khándesh and Sátára were the only districts in which any considerable number of sanads remained over for issue at the beginning of the year. Of the 80 remaining ovor in Khándesh, 29 were issued, leaving a balance of 51. In Sátars, the total number to be issued at the close of the last year was 3,246 , most of them

[^4]( 1 hout 2,600 ) reiating to the infm lands of the Sanadi Gadkaris An investigation into the claims of persons holding these lands proved the matter to be, in many cases, of a very complicated nature; but 300 ganads were prepared and iswned in the simpler cases. In the remaiming districte of the Central Division, 47 mands still remained for issue. In the Southern Division, in Ratnagiri, the special officer completed enquiries in 224 cases, and 244 sanads were isened, and there remasined at the cloee of the year 197 cases for enquiry, 865 sanads for issue, and 780 for re-iseue. In the Kolaba Collectorate, the work was not tonched. In the whole Presidency, $55 \bar{s}$ sanads were issred dnriog the year.

## Collection of Land Revenue.

Information respecting the amount of land revenuccollected in the Presidency during the year 1891-9z will be found in Chapter $V$ of this report. The following table, compiled from ine Collectors' administration reports, exhilits the number of occupadcies in each district and the number of distraints levied for the collection of the year's revenue:-


From the abose table it will be seen that the rise in the number of occupancies held in the Central and Southern Divisions more than countertalanced the fall that occurred in the Nortinern Division and Sind, so that for the entire Presidency there was a considerable increase. At the same time the number of cases, in which it was necessary to levy distraint, was considerably under half the corresponding number in the previous year. There was an insignificant increase in five districts only; and in the districts affected by scarcity the greatest precautions were taken that strong measures for compelling payment should be taken against none but welltondo defanlters. The results of the year under report, in which the season was so far from being favourable, indicate a satisfactory elasticity in the resources of cultivators. A considerable portion of the reluction in the number of occopancies in Broach was nominal, being due to tine exciusion from the returns of lands not paring any quit-rent to Government, while in Karactu and Hyderítad it is probable that a favourable season will result in the small holdings, thrown ap during the year, being occopied anew by the same caltivators.

## Waste Lands.

The following statistics respecting the waste lands of the Presidency, taken from the Collsetorn' alministration reports, cannot in all cases, especially where the survey is still inconsplete, be relied on as perfectly accurate. This remark applies especially in the case of Sini.

The following table shows the stato and extension of cultivation during the year 1891-92 in the various districts of the Northern Division :-
-


The total culturable area shows a considerable decrease, which is chiefly due to the reduction of the area in Thána by the transfer of the Karjat Taluka to the Kolábs District in the Southern Division, and the same cause accounts for the reduction in the total area actually cultivated. It is satisfactory to note that more than half the land benefited by the drainage channels, in the Jambusar Taluka of Broach, had been taken up.

Central Division.

> The corresponding figures for the Central Division are given below :-

| Districta. |  |  |  | Total collturable | Actusily cufurited. | Balance ecultamblo | Area newly taken up during the jear. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Nasik ... <br> Khandeah <br> Ahmednagar <br> Poona ... <br> Sholdipur <br> Satára... |  |  |  | Aores, | $\triangle$ area, | $\triangle$ cres. | Acres. |
|  | $\cdots$ | $\ldots$ | ..- | 2,117,788 | 2048,889 | 73,899 | 15,706 |
|  | ... | $\cdots$ | -0 | 9,507,273 | 3,109,488 | 397,785 | 33,675 |
|  | $\ldots$ | ... | ... | 2,684,111 | 2,532,289 | 81,828 | 7,440 |
|  | -.. | ... | ... | 2,513,253 | 2,495,284 | 17,968 | 6,189 |
|  | ... | ... | ..0 | 2,162,641 | 2,146,814 | 16887 | 775 |
|  | ... | ... |  | 1,514,676 | 1,485,581 | 20,095 | 8,957 |
|  |  |  | Tota | 14,480,741 | 18,002,345 | 587,396 | 67,642 |

While there was a considerable reduction in the total culturable area, chiefly due to the forestation of lands in Násik and Khándesh, there was an increase in the total area actually cultivated; the increase being observable in all districts, except Sholapur, where there was very little good land lying waste, and Sátara. .

The figures for the Southern Division are as follows:-


The increase in the total culturable area in the Division occurred chiefly in Kolaba and Ratnágiri, and was due in the case of Kolaba to the addition of the Karjat Taluka. The same cause accounted for the increase in the area actually cultivated in that district, but there was also an increase in this area in all the other districts. The effect of the construction of the Southern Maratha Railway, in enhancing the value of land, continued to be marked by the additional area taken ap in its vicinity. There was a reduction in the balance of culturable waste laud in every district, except Ratnagiri and Kolabs; but the only cultivable areas still remaining unoccupied in Ratnágiri were the salt marshes on the sides of the creeks; unoccupied land actually ready for cultivation being practically unknown; and in Kolába the area of cultivable land lying waste was very insignificant.

Similar statistics for the province of Sind are not available owing to the incompleteness of the survey. From the statistics of those portions of the districts for which information is forthcoming, it appears that cultivation is spreading except in the Upper Sind Frontier and Shikárpur. In the case of Shikárpur the decrease was due to a large amount of land, which owing to the good rainfall of $1890-91$ was taken up for that year only, being thrown
out of cultivation during 1891-92.

There is nothing to record under this head.

## Wards' and other Estates under the management of Government.

In the Ahmedabad District, all, and in the Kaira and Broach districts most of the estates of the above description were under the management of the Talukdari Settlement Oficer. In all the other districts such estates were under the management of the Collectors, and one estata in Belgaum was under the management of a Mámlatdár uñder the orders of the District Judge, and one in Thar and Parkar under that of a Deputy Collector under similar orders. Exclusive of the encumbered estatos in Sind. which are separately dealt with below, thore were 77 estates of minors and others under management with an approximate area of 138,084 acres. The estates varied in size from 5 to over 23,000 acres.

## Estates in ceharge of the Talukdíri Settlement Officer.

The following table shows the number and revenue of estates of all descriptions under Estates in charge management and of the tálukdári villages in Ahmedábád under revenue charge of the T'unkdari Settlement Officer in the year under report and the preceding year:-

|  | Namber of catatel. |  | Agrregato revenue tor culleation. |  | Amount realized by sale mader decreet. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1890-01. | 1891-02. | 1890-91. | 1891-92. | 1890-91. | 1891-82 |
|  |  |  | R8. | R6.* | Re. | Rs, as. P. |
|  | 68 | 60 |  |  |  |  |
| Anmedabid 2XJukdirs rumored trom Act VI of 1802, but continued under manage- |  | 7 | $\}^{05,640}$ | 76,050 | $\cdots$ | $\cdots$ |
| Kaira Thicome undor Act XXI of 1891 ... .... .... .... .... | 49 | 4 | 91;420 | 73.401 | $\ldots$ | $\cdots$ |
| Braacb, Triakon under Act XXI of 1881 ... ... ... ... | 7 | 7 | 68,786 | 58.568 | $\cdots$ | ... |
| Minors' Estatex ander Act V111 of 1880 ... ${ }^{\text {a }}$... | 45 | 5 | 02.781 | 63,335 |  | $\cdots$ |
| Nacellanenus Eatater manaked by mereoments of ownerr and under Act VJ of 1888. | 15 | 18 | 1,80,746 | 2,08,686 | $\cdots$ | $\cdots$ |
|  | 12 | 18 | \%8,181 | 83,363 | - | ... |
| (u) Managed under Soction 380 of the Civil Proredure Code ... | 176 | 241 | 41,278 | 71,054 |  |  |
| (b) Under prooem of rule ... | 110 | 197 |  |  | 3,870 | 60 |
| Eatacen mantiged under Sectlon 604 ot the Oivil Prooedure Code -.. | 7 | , | 8,508 | 3,251 | ... | ... |
| Total | 491 | 586 | 5,85,140 | 6,42,186 | 3,870 | 40 |
| Tilakdiri riligy under revazue charg* ... | 356 | 357 | 8,85,628 | 8,81,609 | ** | ... |

The number of estates under management under Act VI of 1862 was, at the beginning Ahmedabad Talukof the year 1891-92, sixty. The debts of the estate of Bhupatsing Sawabhai of Awánia dara' Estates. having been paid off during the year, that estate was released from management. No other estate became free, and the number remaining under the operation of the Act was, therefore, 59. The estate which was released was in a satisfactory condition. The number of estates removed from the operation of the Act, but remaining under management on account of indebtedness to Government, was, at the beginning of the year, seven. During the year one estate, that of Nágbhai Visabhai of Dumáli, liquidated its debt and was released. Six estates, therefore, remained under management for debts due to Government. Of the estates under management at the end of the year, 26 were managed directly by the Talukdári Settlement Officer, 36 by the Tálukdárs under his supervision and 3 by creditors under special arrangemente. During the year Rs 32,709 were paid to reduction of debt and Ks. 7,172 to interest on loans, and a sum of Rs. $2,91,265$ remained to be paid. The average payment for the year under report was 12.31 per cent., and the reduction of debt was 10 per cent. These percentages were double those shown for the previous year.

The number of estates managed under Act XXI of 1881 at the beginning of the year Kaira Thakora was 43. During the year one estate paid off its debt and was released from the operation of the Act. Forty-two estates, therefore, remained under management. The estate released was free from any encumbrance. No advance was taken from the Government Treasury during the year. Rs. 375 were paid to private creditors and Rs. 27,219 to Government, and a sum of Rs. $1,81,208$ remained to be paid, of which Rs. 6,304 were due to private creditors, and Rs. $1,74,904$ to Government. The average payment for the year under report was $13 \cdot 83$ per cent. of the amount due, and the percentage of reduction of debt was $9 \cdot 17$. These figures àre lower than the corresponding ones for the previous year. This was due to the fact that 6 estates were released from management in that year.

The number of estates under management was the same as in the previous year, siz. 7. Daring the year under report Rs. 3,534 were paid to private creditors, and Rs. 8,905 to Government, and a total sum of Rs. 64,425 remained to be paid, of which Rus. 30,615 were due to private creditors, and Rs. 33,809 to Government. The average percentage of parment was 16.06 , and that-of reduction- of debt 13.95 , against $18 \cdot 2$, and 154, respectively in the previous year.

Chap. II.
bombay adinnistration report.
[1891-92.

Minots' Estates under Act VIII of 1890.

Miscallaneoue Butatice.

Tralukdira' Jubiloe Pand.

There were 45 minors' estates under management at the close of the previous year. Daring the year under report the estates of the 4 minors were released on their owners attaining majority. Thirteen new estates came under management. The total nomber under management at the close of the year was, therefore, 54 . The total realizations on account of all the minors' estates under management, including the halance in hand at the commencement of the year, amounted to Rs. $2,45,691$, of which Rs. 58,989 were expended on Government jama, maintenance, and other charges, while Rs. $1,86,703$ were paid to creditors, or carried over as savings. The total amount invested in Govermment eccurities was $\mathrm{Re} .89,000$, and in landed property Rs, $20,000$.

There were 18 miscellaneous estates under the management of the Talukdari Settlement Officer.

The amount of this fund in hand was Rs. 22,949, of which Rs. 19,055 were lying in the Bank of Bombay, and Rs. 3, 594 in the Post Office Savings Bank at Ahmedabad. During the year, Rs. 101 of the outstanding balance of the subscriptions were collected. It was decided that the fund should bo utilized in maintaining in Ahmedńbad an institution, to be known as the T'álukdárs' Jubilee Memorial Institute, which will serve rartly as an utáro for Tálukdárs visiting Ahmedábád, and partly as residential quarters for 'Tálukdárs' sons attending schools in that city.
.The young Thakor of Utelia continued to make satisfactory progress in his studies. The number of boys attending the Wadhwan Girassia School was 11 ; one boy left the school during the year and one new one entered. All the boys were well reported on except two. In one or two cases of minors, whose estates were attached under Civil Court decrees, a special allowance was procured to enable them to meet their school expenses.

Revision sarvey and cettlement.

Litigation.

Finnncial review.
and fining the year under report, the revision survey of the Sanand taluka was began and finished, and that of the Viramgam taluka taken in hand and almost completed. Certain partitioned villages in the Dhandhuka táluka were also dealt with at the beginning of the season.

Of 23 partition suits for disposal under Section 11 of the Talukdars' Act of 1888, all but 6 were decided. Twenty-seven suits to which Government was a party were pending from the previous year, and 10 were filed during the year; of this total of 37,9 were decided- 3 in favour of Government and 3 in favour of the plaintiffs; while 3 were partly in favour of Government and partly in favour of the plaintifis.

The following abstract gives the financial results of the management of the estates for the year under report:-


The percentage of collections to demands this year was higher, and that of outstanding balances lower than last year in Ahmedabad, and the reverse was the case in Kaira and Broach. Owing to the succeasion of unfavourable seasons, remissions had to be granted in all three districts. In the Koth estate, a sum of Rs. 6,234 was written off during the year. In Gángad Rs. 1,844 were remitted. In the Nadiád and Dehwan estates considerable sums were written off, it being found that they were irrecoverable. The average percentages of expenses of management to rcalizable revenue and to actual collection of all the three districts together for the year nuder report, were 6.76 , and 8.26 , against 8.21 , and $7 \cdot 85$, respectively in $1890-91$.

The Gujarat Talukdara' Act, 1888, sppeared to work smoothly. The provisions of the Act of which advantage was most commonly taken, were those relating to partition and to the borrowing of money on the security of estates. Alienations of portions of 4 estates were sanctioned: in 2 cases the purchaser was a Talukdar of the same estate, in the third the property was a house, not land, and in the fourth the alienation was for
charitable parposes. charitable parposes.

## Encumbered Estates, Sind.

In the Karáchi District there were 7 estates under management at the beginning Karachi District. of the year. Two of these were relinquished and restored to their owners, leaving 5 under management at the close of the year. The total receipts during the year amounted to Re. 12, 15 b, including the opening balance of Rs. 1,690 . The expenditure during the year anoupted to Rs. 10,733 , leaving a balance of Rs. 1,421 in favour of the estates at the clowe of the year. The details of the expenditure are given below:-

| $\begin{array}{cccc}\text { (1) Amount paid towards Government debt out of an entire deht } \\ \text { of Rs. } 9,229 & \ldots . . & \\ \text { (2) }\end{array}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cost of m | age | 2.4 pe |  | ... |  | 262 |
|  | Land rev | to | mment |  | ... |  | 6,584 |
|  | Maintena | of | wners | ... | ... |  | 961 |
|  | Other exp | ses | by es | wners |  |  | 500 |
|  | Refunds | $\because$ | ... | ... | ... | ... | 220 |
|  | Interest |  | - |  |  |  | 404 |
|  | Balance their | ers |  | ished |  |  | 273 |
|  |  |  |  |  |  |  | 10,733 |

The amount due by the estates on account of Government loan at the close of the year was Rs. 7,700.

There were 18 estates under management at the commencement of the year. Of these, Byderibad Diatrict 2 were relinquished during the year, leaving 16 under management at the close of the year. The total receipts amounted to Rs. 53,255 , including the opening balance of Rs. 2,622. The expenditure amounted to Rs. 51,477 . Of this, Rs. 8,149 were paid towards the liquidation of debts due to Government, Rs, 4,057 towards debts due to private individuals, Ks. 1,889 on account of the cost of management at 4 per cent. on the gross receipts, and Rs. 37,382 towards miscellaneous charges, leaving a balance of Rs. $1,778 \mathrm{in}$ favour of the estates at the close of the year. Government debt to the extent of Rs. 17,500 and private debts to the extent of Rs. 9,604 remained still to be paid off.

There were 11 estates under management at the beginning of the year. Five of these Shikarpur District. were relinquished, leaving 6 under management at the close of the year. The total receipts from the estates amounted to Rs. 37,778, including the opening balance of Rs. 1,688 . The expenditure during the year amounted to Rs. 36,728 and was made up as follows:-
(1) Amount paid towards Government debt out of a total debt of
(2) Amount paid towards private debts out of a total of Rs. $11,843 \quad \ldots \quad \ldots \quad$... $\quad . . . \quad 2,989$
$\begin{array}{llll}\text { (3) Cost of management at } \mathrm{R} \text { s. } 4-14-6 \text { per cent. } & \ldots & \ldots & 1,744 \\ \text { (4) Miscellaneous expenditure } & \ldots & \ldots & \ldots \\ 27,970\end{array}$

| (4) Miscellaneous expenditure | $\cdots$ | ... | $\ldots$ |
| :---: | :---: | :---: | ---: |

The balance remaining in favour of the estates at the close of the year amounted to Hs. 1,050.

There were 4 estates under management at the commencement of the year. Of these, Upper Sind Frontier one was relinquished, leaving 3 under management at the close of the year. The receipts during the year amounted to Ks. 2,282, including the opening balance of Rs. 618*. The expenditure during the year amounted to Rs. 1,594 . Of this, Rs. 1,327 were paid towards the liquidation of private debts. Rs. 267 were spent on account of miscellaneous charges. There were no Government debts against the estates in this district. Private debts to the extent of Rs. 1,664 were still outstanding against the estates. The balance at the credit of the estates at close of the year amounted to Rs. 688.

There were no estates under management in the Thar and Parkar District during the Thar and Parkar year.

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UpperSind Frontier
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- In the provions year's accounts the closing balance was through mistake put down at Re. 677. The vorrect balance ahould have been By, 618, tho opening balance of the current year.


## CHAPTER III.-PROTECTION.

## Course of Legislation.

Acte passert and
Billa introduced.

Acta.

Objecte and reasons.

Billa.

The Acts passed by the Council of His Excellency the Governor of Botnhay for making Laws and Regulations and assented to by His Excellency the Viceroy and Governor General during the year 1891-92, and the Bills introduced before the Council and pending at the close of the year, are set forth, with short statements of their objects and reasons, in Appendix III-A.

Two Acts were passed by the Local Legislative Council and assented to by the Viceroy and Governor General during the year under report.

These were: -
(1) Aet No. I of 1891 -An act to amend the Bombay General Clauses Act, 1886.
(2) Act No. II of 1891-An Act to amend the law for the periodical inspection and the management by competent engineers of Boilers and Prime Movers in the Presidency of Bombay.
The reasons for which the above two Acts were introduced and passed, were set forth at pages 50-52 of the Bombay General Administration Report for 1890-91.

The Bills which were pending at the close of the year were:- .

Bill No. 3 of 1801.
(1) Bill No. 3* of 1891-A Bill to prohibit the practice of Inoculation and to make the vaccination of children in certain portions of the Bombay Presidency compulsory.
(2) Bill No. 1 of 1892-A Bill to amend the Bombay Kbkári Act (Bombay Act V of 1878).
(3) Bill No. 2 of 1892-A Bill to amend the Bombay Salt Act, 1890.

The objects and reasons for introducing Bill No. 3 of 1891 were described as follows:-
Vaccination of children is at present compulsory only in the city of Bombay and the town of Karachi.
2. The extension of the compulsory system to other areas appears, in view of recent outbreaks of small-pox, and especially of those in Sind, a pressing necessity.
3. The voluntary system is ineffectual, but carcful and widespread enquiry has shown that its fuilure is due rather to indifference, indolence or ignorance than to any rooted objection to vaccination among the various populations of the Presidency.
4. The Acts $\dagger$ which render vaccination compulsory in the city of Bombay and the
town of Karáchi have worked woll, and ton years' experience

is in their favour. They have therefore been closely followed
in the present Bill, by which it is proposed to empower the Governor in Council to extend the compulsory system to any local area in the Presidency.
5. Provision is also made for power to withdraw or suspend the Act from operation in any area to which it may have been extended.
6. By Section 33 of the Bill it is proposed to remove all doubt as to the legality of compulsory vaccination in the case of convicts and persons datained for long periods in gnols, reformatories and lunatic asylums. Governuent do not deem it necessary or desirable to enforce it on under-trial prisoners.

The objects and reasons for introducing Bill No. 1 of 1892 were described as follows:-

The object of the present Bill is to enable the Governor in Council to prohibit or regulate the traffic and possession of mhowra flowers in the districts of Thana and Kolaho. Legislation of this nature was recommended by some of the most experienced officers when
:Bombay Act V of 1878 . the Bombay Kbkari Act $\ddagger$ was under consideration. It was tions now contemplated. hoped, however, that no necessity would arise for the restrictrons now contemplated. The hope has not been gencrally realised. Illicit distillation from mhowra flowers continued, eypecially in the districts of Thana and Kolaba. Attempts to check it in those districta were resisted with a violence that led to bloodshed and loss of life. In 1882 and 1884 the matter forced itself on the consideration of Government as calling for legislation. Recently there has been a very serious increase of illicit distillation from whowra flowers in the Thána and Kolaba districts, and the conclusion is forced upon Government that this cannot be effectively checked without bringing the collection,
sale and possession of mhowra flowers under control.

[^5]Chap. III.
2. No intarference with legitimate trade or the use of mhowra flowers as a medicine or condiment is contemplated. It is intended that licenses, permits and passes should be granted without payment of fees. It is therefore anticipated that the price of the flowers, and the spirit distilled from them, will be unaffected by the present Bill

The objecte and reasons for introducing Bill No. 2 of 1892 were described as Bill No. 2 of 1892. follows :-

It was held by the High Court of Bombay, in two cases which came before it in November 1390, that "where a person bought some dirty salt in the bazar, dissolved it in water, removed the dirt therefrom, and obtained clean salt by evaporating off the water, the accused had manufactured salt within the definition of Section 3, Clause. (g) of Bombay Act II of 1890" (Statement of Criminal Rulings for November 1890, No. 60), and was consequently liable to punishment under Section 47 (a) read in connection with Section 11 of that Act.

- 2. It appears to the Governor in Conncil that the provisions of Section 11 of the sbove Act (The Bombay Salt Act, 1890), which prohibit the manufacture of salt without a license, required limitation. The object of the Act being merely the protection of the revenue derived from salt, there is no object in subjecting to license any process of manufacture in respect of salt on which duty has been paid.

3. The purpose of this Bill is to restrict the provisions of Section 11 of the Salt Act of 1890 regarding manufacture, by adding thereto a proviso to save salt on which duty' has been paid.

## Police.

## Morusbil Poucr.

The total strength of the police force of the Mofussil, comprising the three Divisions strength and Cost. of the Presidency proper and Sind, was 19,143 during the year 1891. It was maintained at a, cost of Rs. 32,76,792, or Rs. 76,592 more than in 1890. The force was distributed as below :-


The subjoined table shows the distribution of the force and its proportion to area and population:-

| Districtas. | Banction. od Etreugth. | Area In quaro milua. | Populetios. | Paproxtion of Fonce 50 |  | Diatriots, | Benetioned Strongth. | $\left\|\begin{array}{c} \text { Area in } \\ \text { manare } \\ \text { milice. } \end{array}\right\|$ | Populastion | Propontion or Foren 10 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Area. | Popula tion. |  |  |  |  | Area | Popule Hon. |
|  |  |  |  | 1 to | 16 |  |  |  |  | 1 to | 1 to |
| Oind. |  |  |  |  |  | Contral Diotion. |  |  |  |  |  |
| Karichi | 1,430 | 14,182 | 6rt,850 | 991 |  |  | , 710 | 2,645 | 888,785 | 8.85 | 1,251 |
| Hyderabide - | 9898 | 9,039 | 918,046 | 8088 | ${ }^{208}$ | Nuslk | ${ }^{1} 773$ | 8,040 | 1,80,851 | 6.88 7.68 | 1,884 1,091 |
| Trar and PMikar -- | 1.115 | 12,779 0,209 | 298,403 | 278 | 686 |  | 1,140 |  | 1,007,800 | 687 | 1.029 |
| Shickiputr bind Fronder. | 1.115 | 9,209 | 816,407 | 80 | 881 | Britis | ${ }^{981}$ | 6,087 | 1,225,089 | $8 \cdot 08$ | 1,215 |
| Uppar bind Prontier. | 236 | 2,549 | 174,648 | 090 | 68 | Sbolipiar me. | 873 | 4,642 | 780,1899 | $7-18$ | 1,910 |
| Horlhern Division |  |  |  |  |  | Soulhern Didrion. |  |  |  |  |  |
|  |  |  |  |  |  |  | 710 | 4,657 | 4013,961 | 0.65 | 1,4\% |
| Ahmodibid ar $\quad .$. | 1.108 | 8,049 | ${ }_{8}^{021,712}$ | $8 \cdot 31$ | 772 | Bijapur | 009 | b,009 | 1796,389 | $8 \cdot 60$ | 2,209 |
| Xaingrus -6 | 718 | 1,000 | 871.850 |  | 1,218 | Dharwir ... ... | 844 | 4,609 | 1,051,814 | 5.45 | 1,246 |
| Panch Mahrin $\quad . .$. | 769 | 1,013 1,405 | 313,417 851,490 | \% $2 \times 6$ | ${ }_{788}^{889}$ |  |  |  | - 468,981 | 6.43 | -620 |
|  |  | 1,662 | 34,400 | 918 | ${ }^{786}$ |  | 637 684 |  | 1,106,094 | 8.68 | 1,948 |
| Trumay $\quad \cdots \quad \ddot{\square}$ | 700 | 3,906 | 004,408, | -518 | 1,181 | Ratnigit m | 62 | 8,022 | 1,106,990 | $4{ }^{4} 75$ | 1,342 |
|  |  |  |  |  | . | Total | 10, 163 | 125,042 | 18,0856390 | 6-68 | 018 |

The predominance of Mahomedans and Marathas continued in the force.
Of the total number of 3,306 subordinate officera, 2,243 , or 67.8 per ceat., and of 15,806 Education. men 5,176, or $32 \cdot 7$ per cent., possessed sufficient education to be able to read and write. On the whole, taking subordinate officers and men together, the percentage was $38 \cdot 8$ for the mofusill generally, but taking the percentage by districts, it varied from 56.2 in Ahmedabad to 11.8 in Thar and Parkar. The highest percentage for any district in Sind was that for Shikarpur, viz. 30.4, and the only districts of the Presidency proper for which the percentage retnained low were Khándesh 81.5 , Bijapur 27.3 and the Panch Mahals 21.3

1. $311-12$

Chap. ini. protection:
Drill and Ball
Practice.

Punishmenta

Rewards.

Cogniznble crime.

The success of the Police in dealing with offonces.

The result of the competition shooting during 1891 showed an improvement over the previous year. The number of marksmen increased from 712 to 902 . Dharwar, as in the previous two years, headed the list with 121 marksmen-against 113 in 1890. Of the 23 districts in the Presidency proper and Sind represented at the annual shooting competition, 13 districts shared the money prizes-29 in number. Hyderibad carried off 5 prizes, or of the remaining 24, Ahmednagar and Thána each carried off 3 prizes, and the balance of the moner was divided between Dhárwár, Sholapur, Khándesh, Násik, Ahmedábad, Yoona, Kánara, Bijápur, Sítára and Kaira.

Out of a total of 19,112 subordinate officers and men, 2,879 , or 15.06 per cent., were. punished-189 judicially and 2,690 departmentally. There was an increase of 146 in the total number of punishments inflicted in 1891 in the whole Presidency as compared with, 1890. The percentage of punishments on total strength was almost the same as in 1890, being 15.06 against $14 \cdot 3$.

Of the total number of 19,112 officers and men, 317 , or 16 per cent., were rewarded by promotion and 424 or 2.2 by money. The figures were respectively 131 and 320 in 1890.

The following table gives the comparative amount of real cognizable crime in 1889, 1890 and 1891 for each Division, and the Prosidency as a whole. Class VI comprises chiefly cognizable offences under the Gambling, Salt, Opium, Arms, Stamp and Forest Laws:-

| Ofences. | 8ind. |  |  | Northern Divition. |  |  | Central Divialon. |  |  | Southom Dicialon |  |  | Totas, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1889, | 1890. | 1891. | 1889. | 1890. | 1801. | 2989. | 1800. | 1891. | 1889. | 1890. | 1801. | 1880. | 1890. | 1801. |
| Indian Peoal Codo casor. | $\begin{gathered} 0,080 \\ \cdot \\ 2,317 \end{gathered}$ | $\begin{aligned} & 8,715 \\ & 1,891 \end{aligned}$ | $\begin{aligned} & 8,334 \\ & 1,960 \end{aligned}$ | $\begin{aligned} & 8,220 \\ & 8,457 \end{aligned}$ | $\begin{aligned} & 4,205 \\ & 2,503 \end{aligned}$ | $\begin{aligned} & 1,0 h 1 \\ & 2,088 \end{aligned}$ | $\left.\begin{array}{\|} 0,004 \\ 0,762 \end{array} \right\rvert\,$ | $\begin{aligned} & 8,809 \\ & 1,660 \end{aligned}$ | $\begin{gathered} 4,007 \\ 1,489 \end{gathered}$ | $\left.\begin{aligned} & 0,641 \\ & 1,008 \end{aligned} \right\rvert\,$ | $\begin{aligned} & 3,058 \\ & 1,288 \end{aligned}$ | $\begin{aligned} & 8,064 \\ & 1,089 \end{aligned}$ | $\left\lvert\, \begin{gathered} 10,8 \times 6 \\ 0,018 \end{gathered}\right.$ | $\begin{gathered} 18,475 \\ 7,007 \end{gathered}$ | $\begin{aligned} & 17,336 \\ & 0,499 \end{aligned}$ |
| Clast V1 ... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| tal | 8,397 | 7,000 | 7,394 | 8,677 | 7,005 | 0,080 | 8,760 | 7,008 | 6,846 | 8,084 | 4,348 | 6,180 | 20,164 | 28,04] | 38,885 |

Murders went down from 215 to 208; while attempts at murder and calpable homicide cases rose from 91 to 107 . Ducoities stood at 97 , the same as in 1890. Hobberies went down from 333 to 296. Thefts (including house-breaking with "intent to commit theft; which numbered 3,256 ) showed a decrease from 12,084 to 11,593 . $\cdots$ Cases of receiving stolen property went down from 668 to 600 .

At the beginning of the year, 2,709 cases were pending from previous years either in the Courts or under investigation by the police. Dúring the year, 34,893 cases were reported to the police, or sent to them for investigation. There were thus in all 37,602.' cases for disposal. Of these, 14,845 cases were excluded, the majority being classed by the Magistrates as false either maliciously, or not, on the police final reports. Of the remainder, 5,399 were disposed of without being brought to trial; 14,444 were decided by trinl, 25 ended by death or lunacy of the accused, and 2,889 were pending at the close of the year. Of the cases decided by trial, 12,640, or 87 per cent., ended in conviction. At the beginning of the year, 1,213 persons who had been arrested by the police suo motu were under arrest or on bail. The police arrested suo motu 27,694 persons during the year and there were thus 28,907 persons to be accounted for. Of these 1,448 were released and neveř- brought to trial, 25,830 were tried, 40 died or became insane, and 1,589 persons were under arrest or on bail at the close of the year. Of the persons tried, 10,807 , or 65 per cent., were convicted. In the preceding year, 3,824 cases were pending at its commencement, 37,178 cases were reported to the police or sent to them for investigation, 15,119 cases were excluded, 7,339 cases were disposed of "without boing brought to trial, and 16,018 were decided by trial. In 14,105 or 88 peir cent. of the cases decided by trial, convictions were obtained. In the year 1891 contrasted with 1890 the number of persons convicted of mere der fell from 187 to 121 ; it fell also in the cases of attempts at murder and robberies from 106 to 91 and 197 to 175 respectively, but rose in cases of dacoity from 189 to 227.

The value of property reported as stolen during the year amounted to Rs. $9,63,228$ us compared with Rs. 8,43,728 in 1890, and that in pending cases of the previous year to Rs. $1,48,515$. The total amount to bo accounted for was, therefore, Rs. $1,11,743$ against Rs. 11, 01,989 , and the amounts recovered were Rs. $5,37,113$ and Rs. $4,48,641$ respectively. The percentage of recoveries tose, therefore, from 40 to 48 . The percentage of cases in which property was recovered to cases in which it was stolen was 68.7 agrainst $65 \%$ in
1890 .
Non-cognizable crime.

The following table shows the details of non-cognizable crine in each Division of the Presidency in comparison with those for the year 1890 :-

[^6]|  | Total nutnber of cences. |  | Number of carca in which the Police were employed |  |  |  | $\square$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Divisions. |  |  | Pluch | rged. |  |  | Convic | Steds |  | [ted, | Parce of pe Conv to appra Cou |  |
| 1 | 8 |  |  |  | 8. |  |  |  | 4 |  | 5 |  | 6 |  | 7 |  | 8 |  | 9 |  |
|  | 1880. | 1801. | 1890. | 1891. | 1880. | 1891. | 1800. | 1891. | 1890. | -1891, | 1800. | 1891. | 1890. | 1891.* | 1800, | 1891. ${ }^{2}$ |
| Sind | 11,409 | 11,797 | 141 | 281 | 1'3 | 2\% | 21,103 | 21,102 | 8,777 | 5,099 | 4,248 | 8,561 | 12,850 | 12,078 | 20.1 | 16.8 |
| central Dyyil | 20,670 | 30,676 | 160 | 217 | -6 | * 5 | 87,290 | 46,094 | 10,478 | 13,088 | 0,195 | 16,211 | 17,421 | 20,588 | 25.8 | 32.5 |
| Southion mivi- | 25,807 | 47,177 | 890 | 845 | 2.8 | ${ }^{-7}$ | 45,017 | 88,281 | 18,047 | 15,147 | 7,731 | 15,015 | $\stackrel{28,078}{\sim}$ | 20,706 | 17:1. | $25 \% 7$ |
| Eton... | 31,322 | 13,615 | 490 | 819 | 48 | 0.05 | 19,086 | 22,182 | 8,883 | 8,96s | 8,510 | 3,802 | 11,832 | 12,054 | 18.4 | 171 |
| Total | 74,707 | 112,106 | 1,890 | 1,649 | 1.8 | $14{ }^{\circ}$ | 122,445 | 14,209 | 31,125 | 36,041 | 24,698 | 97,589 | 65,840 | 75;837 | 20.3 | $25 \cdot 8$ |

The table shows a net increase of 37,458 non-cognizable casas for the Presidency over ${ }^{-1}$ the preceding year. In Sind, there was an increase of 388 cases, in the Northern Division of 13,097 , and in the Central and Southern Divisions of 21,780 and 2,193 , respectively. Judging by districts separately, Ahmedábad showed the highest number of cases, viz. 14,894 agninst $\overline{5}, 388$ in 1890. Next to Ahmedabad came Sholapur in the Central Division, having. 14,372 cases compared with 2,057 in 1890. The number of persons concerned in these, cases increased by 25,824 for the Presidency.

## Bombay City Police.

The total strength of the police force, including that employed in the harbour "and strength and cost dockyards, rose from 1,611 to 1,633 , and the cost from Rs. $5,07,126$ to Rs. $5,11,591$. of the Police:
The conduct of the men was good. . There were 14 dismissals against 20 in the previous. Conduct. year, whilst 4 officers and 390 men were punished departmentally and 6 judicially by Magistrates. Promotion was given to 239 officers and men as a reward, while 98 received. good-conduct badges and 128 money rewards.

The number of cognizable cases reported to the police and the Magistrates was 17,893 Cognizable crime. as compared with 18,518 in the previous year.. The decrease was mostly confined to cases: under Class VI and laws other than the Indian Penal Code (especially the Gambling, Public Conveyance Act and Police Acts), which fell from 15,324 to 14,111. Cognizable cases under the Indian Penal Code showed a considerable increase. In connection with cognizable crime, 22,295 persons were arrested and placed before Magistrates. Of these, 20,241 were con:victed, the percentage of 91.07 being slightly below that of the preceding year. Continual raids on gawblers have discouraged gambling, and drankenpess has been checked by various: Temperance Associations.

There was an increase of 31 in casea of house-breaking, of 15 in cases of wrongful restraint and confinement, of 448 in cases of theft and of 116 in cases of criminal breach of trust. The increase in thefts was mostly in offences of a petty nature. Out of 14 cases of murder and culpable homicide reported, convictions were obtained in 8 cases. The aggregate value of property. stolen amounted to Rs: 2,29,618 against Rs. 2,13,606 last year; the percentage of recoveries rose from 51.2 to $51 \cdot 6$.

There were in all 8,440 non-cognizable cases-an increase of 844 over the preceding year. Non-cognizable In connection with this class of crime, 6,861 persons appeared before the Courts, of whom crime2,317 were convicted as compared with 3,075 convictions in the year befora.

There was an increase of 121,81 and 74 respectively in the number of rifles, carbines Trade under the and gums imported. Only 723 swords were imported against 2,177 last year. There Was Arma Act. a further increase in the import of cartridges, but a decrease in that of gunpowder. Exports of articles of this nature showed an increase, with the exception of rifles, pistols, empty cartridges, detonators and fuse coils. Licenses and permits ibsued under the Arms. Act numbered 3,888 -an increase of 350 .

The Coroner beld 403 inquests against 407 in 1890. The following verdicto were Inquesta recorded:-


This shows an increase of 8 in homicides and of 15 in suicides. Deaths from unknown causes were less by 2 than in the previous year.

Pilgrimn.
The number of pilgrims who passed through Bowbsy rose from 9,181 to 9,239 , of whom 143 had obtained passes from different civil and political officers in various parts of India. Of the rest, $5 ; 629$ were British subjects, 681 subjects of Native States and 2,643 foreigners.

## Railway Police.

The strength and cost of the four Railway Police forces during the year 1891 were as follows:-

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  | 816 | 1,032 | 1,947 | 3,82,805 |

The cost of the police of the B. B. \& C. I. Railway for the previous year was Rs, 91,969, the decrease being due to the transfer of the Sabarmati-Roho Section. The MehsínaViramgam Section, on which three officers and 18 men were employed, was added to this railway.

The conduct and efficiency of the B. B. \& C. I. Railway police were most satisfactory. The conduct of the police of the G. I. P. Railway as gauged by the number of departmental punishments showed an improvement. But judging by results the G.I.P. Railway appeared to be wanting in smartness. The punishments of the Southern. Maratha Railway police this year were slightly heavier than last, but the general result of the work done by them was very satisfactory; With regard to education, in the B. B. \& C. I. Railway police 41 officers and 200 men could read and write as compared with 43 officers and 218 men in 1890. In the G. I. P. Railway police, 92 officers and 308 men were shown as educated, against 85 officers and 327 men last year. There was a slight improvement, in point of education, in the Southern Maratha Railway police force. The number of police officers and men who could read and write in the Rajputana-Malwa Railway police was 104 and 123 respectively.

The total number of offences reported during the year on the B. B. \& C. I. Railway was 321 against 323, on the G. I. P. Railway 487 against 404 in 1890, on the Southern Maratha Railway 254 against 189, and on the Rajputana-Malwa Railway 1,091. The general results of the years 1890 and 1891 as regards cognizable and non-cognizable crime are summarized in the following table :-


The result of the police work in detecting and successfully prosecuting crime may be gathered from the following percentages :-

|  |  |  | Pricenfaet of Polict Cafig <br>  |  |  |  | Pramationa |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Of thom declded. |  | of thome inventigateci. |  | Of perrons arreited who were relcased without boing brought before Magintrata. |  | Of convictionas to arreath, |  | Ot convictions ro trials. |  |
|  |  |  | 1890. | 189. | 1890 | 1891, | 1880. | 1807. | 1800. | 1891. | 1890. | 1891. |
| B. B. E C. I. Railway .* | ** | ** | 86 | 89 |  | 69 | 7 | 5 | 71 | 74 | 74 | 79 |
| G. I. P. Railway | ** | +0. | 88 | 84 | 60 | 36 | 10 | 18 | 63 | 55 | 67 | 62 |
| Southern Maratha Railway | *** | * | 85 | 97 |  | 71 | 2 | 3 | 68 | 73 | 68 | 71 |
| Lijputana-dialwa Railway | $\bullet \bullet$ | ** | ** | 87 |  | 39 | $\cdots$ | ** | ** | 75 | ... | 78 |

Owing to the change in the B. B. \& C. I. Railway police referred to above it has not been possible to offect a true and accurate comparison with the results of 1890. Property stolen during the year under report was valued at Rs. 8,940 as against Rs. 8,435. The percentage of recoveries fell from 59 to 40. Turning to the G. I. P. Railway a serious. increase in cognizable.crime was noticeable. The figures relating to stolen property were unsatisfactory. The amount of property registered as stolen was Rs. 21,586 and that recovered Rs. 6,750 only.

The total number of Indian Penal Code cases on the Southern Maratha Railway for 1891 stood at 110 as compared with 84 in 1890. The percentage of convictions to Penal Code cases disposed of rose from 64 to 69 . In 1890 the value of property stolen stood at Rs. 2,932 as against Rs. 5,046 in 1891, of which 79 per cent. (as compared; with 51 per cent. in 1890) was recovered.

The total number of Indian Penal Code cases for 1891 on the Rajputana-Malwa Railway stood at 837. The percentage of convictions to Penal Code cases disposed of was 33; or, taking offences under all laws, it was 41. Stolen property amounted in 1891 to Rs. 23,536 , and the percentage of property recovered was 50 .

The number of non-cognizable cases in which the police were employed to make Non-eogniasble enquiries on the B. B. \& C. I. Railway was 58 out of 75 cases, on the G. I. P. Railway it casea. was 1 out of 105 cases, on the Southern Maratha Railway it was 11 out of 91 , and on the Rajputana-Málwa. Railway the police were employed to make enquiries in all the 49 cases.

## Aden Police.

The strength of the Aden police in 1891-92 was increased by the addition of 2 con- cooth stables, and amounted in all to 241 men . They were distributed as follows:-at Aden 145 men, at Shaik Othman 56, at Perim 10, and water police at Aden 30. The maintenance of the force cost Rs. 54,296,-a decrease of Rs. 1,594. The Municipality contribated Rs 16,216 .

The conduct of the police was again well reported on. Of 474 persons placed before the condrct Magistrates, 372 were convicted. This gives a percentage of convictions of $78 \cdot 48$ against $86 \cdot \underline{Z}$ last year. Of Rs. 2,032 reported stolen, Rs. 564 were recovered, thus raising the percentage of recovery from Rs. $25 \cdot 8$ to Rs. $27 \cdot 75$. The total number of offences reported at Aden was 630 , involving 960 persons: of these 798 persons came up for trial. The percentage of convictions fell from $79 \cdot 02$ to 76.3 L .

## Vagrants.

The number of male vagrants dealt with during the year 1891 was 121, as compared with 120 in 1590; 96 having been admitted into the Workhouse during the year, while 95 remained over from 1890. Of the 96 newly admitted, 71 were arrested in the City of Bombay, 22 were received from other parts of the Bombay Presidency, 2 were received from Ajmere, and 1 wss re-admitted on a former warrant. In the preceding year, 88 were admitted, of whom 74 were arrested in Bombsy, 12 were received from other parts of the Bombay Presidency and 2 from Madras.

Of the 121 vagrants dealt with during the year under review, 29 were discharged to Dicharges, employment, 11 to proceed to other stations where they had prospects of employment, 1 was sent to the Sassoon Reformatory, 4 to the European General Hospital, 1 to Italy by his Consul, 1 was discharged to the care of his Consul, 1 to the Sailors' Home, 11 to the care of friends, and 2 to seek employment, 1 was deported to Liverpool and 37 deserted. Thus a balance was left of 22 vagrants in the Workhouse at the close of the year, as compared with 25 st the close of the previous year. Only 4 cases of sickness occurred, and there were no deaths.

The total expenditure of the Workhouse during the year was Rs. 6,178, showing a cost. decrease of Rs. 273 , which was due chiefly to a decrease from 25 to 23 in the average daily

4 741-13
attendance. The total cost to Government of carrying ont the Vagrancy Act in the Presidency during the year was Rs. 6,452 , the lowest total shown for many years.

## Pemale Workhonse

Four female vagrants were admitted into the Workhouse during the year under review. Of these 2 were discharged to the care of friends, and 2 remained in the Workhouse at the end of the year. The health and conduct of these vagrants were reported to

- have been good. The total cost of maintaining the Female Workhonse during IrS1 mag Rs. 162-10-0, against Re. 1-8-0 for 1890. when there were no admissions.


## Destruction of Wild Anidals and Vevomous Snakeg.

Total deatruction of life.

The total number of persons killed by wild animals and snakes in the whole Presidency,
$\square$ ncluding Sind in the year under review, was 1,267 as compared with 1;122 in the previous year. Twenty-seven deaths were cansed by tigers, leopards and panthers and 7 by bears, 6 of the latter being in the Khándesh District. There was a satisfactory decreaso in the number of deaths by wolves in the Brouch District.

The mortality from snake-bite was slightly larger than in the previous year, the total number of deaths being $\mathbf{1 , 1 8 7}$ against 1,075 in the previous year. In Sind alone there was a slight decrease. According to districts, the largest number of deaths occurred in Hyderdbed (191), Ratnágiri (161), Shịkarpur (118) and Thána (105).

The number of cattle killed by wild animals and snakes ( 2,827 ) was larger by 9.44 than in the previous year, the increase being mainly in the Central Division and in Sind In the Khandesh and Násik districts the number of cattle killed by tigers, leopards and panthers rose from 86 and 108 respectively to 215 and 316. The mortality was heaviest in the Kulvan Táluka of the latter district. The Collector of Násik was authorised to empower the Mámlatdars of Báglán and Peint tálukas to lend guns from the stock of contiscated arns in their kacheris temporarily to any respectable Kunbis and Bhils who asked for them for the purpose of destroying wild animals.

The total number of wild animals destroyed was 820 against 836 in 1890 , and the

Deatruction of wild animale and snakes, and rewards paid amount of rewards paid for their destruction was Rs. 5,092 as compared with Rs. 5,520 in the previous year. As in preceding years the largest number of tigers and leopards killed was in the Khandesh and Kanara districts. The number of smakes destroyed was only 2,803 in the year under review as compared with 406,092 in the provious year. Nearly all this enormous decrease took place in the Ratnágiri and Sátíra districts, and was due possibly to the restriction of the grant of rewards for the destruction of snakes to the months preceding the breeding season. The sums paid by. Municipalities as rewards for the destruc tion of snakes were trifling.

Gun licenses.
During the year under review, 2,704 licenses to carry arms for the destruction of wild beasts and protection of crops were granted, the total number of licenses in force being 9,340 .

## Chemical Analysis.

General.

## Medico-legal canes.

Miscellaneous
Increage of
entriblishonent.

The total number of articles exnmined during the year was 3,306 as compared with 2,803 during the previous year, showing an increase of 503 . Of these, 1,307 were analysed in connection with 321 medico-legal cases as compared with 1,401 articles in 353 cases during the year 1890. Three hundred and ninety-sis samples of potable water were examined as compared with 250 samples during the provious year; also 664 samples of Government stores as compared with 298 in 1890, and 859 samples from the Customs and A'bkari Departments as compared with 747 in 1890.

Of the 321 medico-legal cases, 151 were cases of real or alleged poisoning of human beings as compared with 190 for the preceding year. Poison was detected in 49.6 per cent. of these cases as compared with $35 \cdot 3$ per cent. in the previous year. In 40 of the cases where poison was detected, the poison employed was arsenic, in 8 copper, in 1 mercury in 2 pounded glass, in 11 opium, in 5 dhatura, in 4 strychnia, in 1 aconitia, in 1 chloroforn. and in 2 other poisons. In the 40 cases where arsemic was detected, 47 persons were poisoned and 26 died, showing a decided increaso over the resulta of the previous year There were 114 cases of animal poisoning, real or alleged, forwarded for examination during the year as compared with 117 in 1890 . In 65 cases poison was detected, 73 animals having died; this was the largost number of fatal cases ever referred for examination. Of the 73 snimals, 71 were horned cattle, 1 a dog and 1 a horse. The poisons detected were-cerbera thevetia in 13 , plumbago rosea in 1 and arsenic in 59 .

Of the 396 samples of potable water examined as to their fitness for potable purposes. 207 were classed as bad, the remainder being of fair or good quality.

In addition, 80 articles classed as miscellaneous were also examined and reported on.
During the year under report an increase of astabliahment was sanctioned

## Criminal Justice.

This section relates to the administration of justice by the Criminal Courts in the Regulation Provinces of the Presidency and in the Province of Sind, as well as the Courts of the Iresidency Magistrates. The following table shows the area and population of the above-mentioned provinces according to the census of 1891 :-


The Courts, of which the work forms the subject of this section, were:-

## Regulation Provinces.

The Iligh Court.
16 Sessions Judges and Joint Eessions Judges.
1 Aggistant Sessions Judge.
18 District Magistratica.
3 Presidency Magistrates.
112 Mngistrates of the First Clase.
199 Magistrates of tho Second Class.
214 Magintrates of the Third Clisss.
14,871 Police Pátils with criminal jurisdiction under Bombay Act VIII of 1867.
Sind.
The Sadar Copurt.
3 Sessions Judgee.
1 Assistant Sessions Judge.
5 District Magistrates, of whom 2 ware invested with special powers as Deputy Commisaioners under Section 30 of the Code of Criminal Procedure.
27 Magistratos of the Firat Class.
58 Nagistrates of the Second Class
49 Magistrates of the Third Clase.
The Judges mentioned above were all stipendiary. During the year under report there were 71 Honorary Magistrates in the Presidency proper, but none in Sind. Of these 71 Honorary Magistrates, 35 formed seven Benches of Magistrates. Of the Judges of the High Court sir were Europeans and one a Native. Of the Sessions, Joint Sessions and Assistant Sessions Judges, including those in Sind, all were Europeans except five, who were Natives, three of the latter being Statutory Civilians. Seventy of the First Class Magistrates were Europeans and ninety-five Natives. Of the Second and Third Class Magistrates all were Natives, except eleven and seven respectively.

The total number of offences reported during the year was 189,130, of which 161,044 were returned as true. The corresponding numbers for the preceding year were 153,687 and 125,759 respectively.

The number of offences against public tranquillity rose from 580 to 826 ; of cases of hurt from 26,165 to 27,556 . The number of cases of theft rose from 10,159 to 10,304 ; of cases of mischief from 3,858 to 4,117 ; of cases of criminal trespass from 2,937 to 3,094 ; of cases of defamation from 256 to 365 ; of cases of criminal intimidation, insult and annoyance from 4,254 to 4,950 . There was a remarkable increase of upwards of 50 per cent. in the case of offences under special and local laws. The number of cases under the District Police Act and the Municipal Act (for the City of Bombay) rose from 4,974 to 5,555 and from 2,860 to 4,143 respectively. The number of cases under the District Municipal Act showed a considerable increase (i. e., from 19,724 to 51,403). The number; of cases against public justice decreased by 28 . Cases of criminal force and assault fell from 6,034 to 4,954 . The number of cases of receiving stolen property (952) and of those of cheating (491) showed a decrease of 117 and 47 respectively. Of the 465 cases affecting human life brought to trial during the year, 252 were murders as compared with 257 out of 436 in 1890 . The motive causing the largest number of murders was in connection with women. The number of offences returned as true in each district, including those in Sind, with the ratio of the number of offences to the population for the year under report as compared with the preceding year, is shown in the following table.

| Numee of Dis | Population eneeording to theContive of |  | Ofencer. |  | Ratlo of rumber of ofletem to pondietion. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1892. | 1801. | 1880. | 2801. | 1890, | 1801. |
|  |  |  |  |  |  |  |
| Ahmedabid | 856,304 | 921,712 872,684 | 6,768 | 13,857 6,433 | 1 1 to 127 | 1 1 1 to 078 |
| Kaira hïhtis .... | 8075,479 | 819,41\% | 1,293 | 1,186 | 1 to 199 | 1 to 20\% |
| Proch Mahis ... | 323,930 | 341,491 | 6,303 | 5,300 | 1 to 62 | 1 to 64 |
| Earat ... ... | 614,198 | 649,085 | 4,30: | 4,229 | 1 to 143 | 1 to 154 |
| Thana ... | 80,367 | 804,868 | 9,396 | 8,050 | 1 to 86 | 1 to 112 |
| Kolabe ... ... | 482830 | 509,634 | 2.829 | 4,108 | 1 to 171 | 1 to 124 |
| Natik ... ... | 781,203 | 843,582 | 5,148 | 10,435 | 1 to 152 | 1 to 11 |
| Khandeah ... | 1,937,231 | 1,460,85. | 6,879 | 7,232 | 1 to 188 | 1 to 202 |
| Ahmedmagar ... | 751,228 | 888,755 | 3,004 | 3,331 | 1 to 250 | 1 to 207 |
| Poons ... | 900,621 | 1,067,80) | 10,300 | 14,318 | 1 to 87 | 1 to 76 |
| Sholippur... | $\begin{array}{r}888,487 \\ \hline\end{array}$ | 750,6e9 | - ${ }^{2,988}$ | 15,628 9,914 | 1 to 1985 | ${ }_{1}^{1}$ to 48 |
| Betara ${ }^{\text {a }}$ | J, 8664,014 | 1,013,361 | 2,038 | 3,008 | 1 to 398 | 1 to 337 |
|  | 882,907 | 1,061,3:4 | 2,950 | 2,691 | 1 to 297 | 1 to 391 |
| Bijatpur ... ... | 638,403 | 706,339 | 2,171 | 2,050 | 1 to 294 | 1 to 388 |
|  | 421,840 | 446,351 | 1,767 | 1,621 | 1 to 239 | 1 to 275 |
| Retrakgivi ${ }^{\text {a }}$... | 997,090 | 1,108,926 | 2,428 | 2,090 | 1 to 411 | 1 to 310 |
| Kartchi ... | 478,688 | 664,380 | 4,845 | 4,198 | 1 to 89 | 1 to 135 |
| Hyderabad | 754,624 | 018,648 | 5,201 | 4,961 | 1 to 145 | 1 to 185 |
| Shiburpur mi.. | 852,980 | 915,497 | - 5,361 | 6,390 | 1 to 159 | 1 to 1.48 |
| Uppor Sind Prontior ... | 294, 181 | 174,548 | 859 | 1,017 | 1 to 129 |  |
| Thar and Parkar - ... | 203,344 | ${ }_{291}^{2988,203}$ | $\begin{array}{r}820 \\ \\ \hline 7740\end{array}$ | $\begin{array}{r}900 \\ \hline 97,902\end{array}$ | 1 to 248 1 to 23 | $\begin{array}{ll}1 & \text { to } \\ 1 \\ \text { to } \\ 330\end{array}$ |
| Bombay (City) ... | 773,196 | 921,764 | 27,740 | 27,902 | 1 to 28 | 1 to 30 |
| Total | 16,454,414 | 18,856,044 | 125,760 | 161,044 | 1 to 131 | 1 to 117 |

The decrease was most marked in the district of Thana. There was aiso a considerable decrease in the districts of Kaira, Karachi and in the case of Bombay City as well as in the districts of Dharwar and Hyderibad, while the districts of Sholapur, Ahmedabad, Sátára, Násik, Poona, Kolába and Sbikápur ahowed a considerable proportional increase. Next to these are the districts of Khandesh, Ratnggiri, Belgaum and Ahmednagar. The Oity of Bombay still remained the most criminal of all the districts, and in the districts of Nasik, Poona, Ahmedabba, Broach and Sholapur the number of offences in proportion to population was very high.

Out of the 161,044, offences returned as true, 149,189 cases were broaght to trial before the Courts. The total number of persons under trial during the year, including those involved in cases pending at the close of the previous year, was 234,390, being 31,876 more than in 1890. Of these 139,892 were acquitted or discharged, 90,861 were convicted, 2 were ordered to be retried, 112 died while under trial, 18 escaped and 3 wepe transferred to other provinces, while 8,502 remained under trial at the end of the year. In 1890 the number of persons under trial was 202,514, of whom 121,513 were acquitted or diecharged, 77,786 were convicted, 45 died while under trial, 98 escaped and 9 were transferred to other provinces, 3,063 remaining under trial at the end of the year. The percentage for the year under report as compared with the two preceding years is shown in the following table:-

|  | 1898. | 1890. | 1801. |
| :---: | :---: | :---: | :---: |
| Died, escaped or transforred | . 04 | . 075 | -057 |
| Discharged or acquittod ... | 68.40 | $60 \cdot$ | 59.68 |
| Convicted .en .... | 40.1. | 88.41 | 88.76 |
| Remaining noder trial ... | 1.40 | $1 \cdot 51$ | $1 \cdot 66$ |

The proportion of acquittals and discharges to convictions was 60.62 during the year under report as compared with 60.97 in 1890. The proportion was highest in the cases of hurt, wrongful restraint and wrongful confinement, criminal force and assault, extortion, cheating, mischief, offences relating to marriage, defamation, criminal intimidation, insult and annoyance, and in cases of attempts at criminal breach of contracts of service. The number of convictions ranged highest in the cases of contempts of the lawful authority of public servants, offences affecting the public health, \&c, attempts at offences affecting life, theft, attempts at theft and criminal trespass, and in offences under special and local laws.

During the year under report 398 cases involving 407 European British subjects were -brought to trial. The offences were principally hurt, criminal force and assault, theft, and offences under special and local laws, the number of cases under the last-named heading being 317 or 79.85 per cent. of the whole number. Of the 407 persons tried, 356 were convicted and 51 were accuitted or discharged, the ratio of the numbor acquitted or discharged to the number convicted being 13 to 87 as compared with 17 to 83 in the preceding year.
Miceellareous cases.
The number of miscellaneous cases before the Criminal Oourts during the year under report was 2,857 involving 3,484 persons, of whom 30 xemained under trial at the close
of the year, 7 died and 1 escaped. Of the remaining 3,446 persons, 1,518 were discharged and 1,928 were convicted. In the preceding year there were 2,009 cases involving 2,568 persons, of whom 1,075 were discharged and 1,451 were convicted, 42 remaining under trial at the close of the year. These cases include proceedings under Chapter VIII of the Code of Criminal Procedure for taking security for keeping the peace or for good behaviour, as also proceedings for the forfeiture of bail or recognizance, maintenance, and local nuisance cases and orders with regard to frivolous or vexatious complaints under Sections 250 and 560 of the Code of Criminal Procedure.

Of the 234,390 persons who were brought to trial during the year; 4,268 were placed before village officers, 11,705 before Special Magistrates, 18,586 before Honorary Magistrates sitting singly, 163,119 before Stipendjary Magistrates other than District and Subdivisional Magistrates, and 9,922 before Benches of Magistrates. The cases of 371 persons were referred to District and Divisional Magistrates under Sections 347 and 349 of the Criminal Procedure Code, and 26,271 came before them directly. There were 2,203 persons brought to trial before the Courts of Sessions and 142 before the High Court and the Sadar Court in Sind' against 2,026 and 115, respectively, in the previons year. As persons committed or referred are reckoned twice over, i.e., once for each Court before which they appear, it follows that the total of the several items shown above, viz., 236,587, does not agree with the total number of persons actually brought to trial before the various Courts.

During the year under report the High Court on its Original Side disposed of 71 cases The High Coirt. involving 84 persons. Of these 25 were discharged or acquitted and 59 were convicted. In the preceding year.there were 41 cases involving 56 persons, of whom 13 were discharged or acquitted and 41 were convicted, 2 remaining under trial at the close of the year. On the Appeliate Side of the High Court there were 26 cases involving 37 persons for confirmation of sentences of death, and 6 cases involving 6 persons were referred to the High Court by Sessions Judges under Section 307 of the Code of Criminal Procedure. Of these 43 persons, 2 were acquitted and 38 convicted, the sentences of death being confirmed on 20 persons; in the case of 2 persons, retrial was ordered, and the case agaiust one person remained pending at the close of the year.

The Sadar Court in Sind, as a Court of reference, disposed of 13 cases involving The Sadar Court 15 persons referred to it. All of these 15 persons were convicted, the sentence of death in sind . being confirmed on 12 persons.

In the Courts of Sessions 2,203 persons were under trial during the year under report Conrta of Session. as compared with 2,026 in 1890 . Of these, 966 were acquitted, 982 were convicted, and 6 died or escaped, 203 remaining under trial at the close of the year. The ratio of acquittals to convictions was 50 to 50 as compared with 48 to 52 in 1890.

Exclusive of 2,151 persons who were committed or referred to superior Courts, the Magistrates. Magistrates of the various classes hat before them during the year under report, as compared with the preceding year, the numbers shown in the following table :-

|  |  |  | 1802 | 1801. |
| :---: | :---: | :---: | :---: | :---: |
| Persons under trial ... ... |  |  | 195,506 | 227,823 |
| Died, escaped or transferred | *.. | ... | 149 | 127 |
| Acquitted or discharged ... | ... | $\cdots$ | 118,535 | 137,095 |
| Convicted ... | ... | $\ldots$ | 73,983 | 87,305 |
| Remaining under trial | ... | $\cdots$ | 2,840 | 3,296 |

The percentage of acquittals in the cases finally disposed of was 61.06 as compared with 61.57 in 1890.

The police pátils had before thém 4,268 persons as compared with 4,912 in the previous Police Patels. year. Of these 1,804 were acquitted or discharged and 2,462 were convicted, 2 persons remaining noder trial at the end of the year.

The following table exhibits the duration of trials before Special, Stipendiary and Daration of trials. District and Divisional Magistrates, as well as before the Courts of Sessions and the High Court and the Sadar Court in Sind, as compared with ine duration in the preceding year:-

|  | 1800. | 1801. |
| :---: | :---: | :---: |
|  | Days. | Daye |
| Special Magistrates ... ... | 5.613 | 4039 |
| Stipendiary Magistratee ... ... ... | $5 \cdot 342$ | $5 \cdot 281$ |
| District and Divisional Magistratea ... | $3 \cdot 673$ | 3.506 |
| Courta of Sussions ... ... | 28.413 | $\begin{array}{r}29.609 \\ \hline\end{array}$ |
| High Court, Original Side... | .$^{34}$ | -308 |
| Sadar Court in Sind... | 26. | $26^{\circ}$ |

In the Eigh Court, Original Side, the figures represent only the time actually occopied by the trial in the Court, while in the case of the Sessions Courts the time from the date of commitment is included.

There were in all 264,404 witnesses examined by all the Driminal Courts daring the year under report as compared with $\$ 38,580$ in the preceding year. Of these, 4,662 were examined by police patils, $251,0+1$ by all classes of Magistrates, 8,138 by the Courts of Sessions and 563 by the High Court. The number of witnesses so examined by the Maristrates and the Courts of Sessions in the year 1890 amounted to 326,517 and 7,743 respectively.

The Figh Court on its Original Side passed 5 sentences of death. The High Court on its Appellate Side and the Sadar Court in Sind confirmed the sentences of death on 20 and 12 persons respectively against 26 and 8 respectively in the preceding year. The High Court on its Appellate Side sentenced 2 persons to death, whose cases were referred to it under Section 307, Criminal Procedure Code. Four persons were sentenced to be hanged by the High Court on the Original Side in 1890. There were 161 persons sentenced to transportation during the year under report as compared with 248 in 1890, but no sentence of penal servitude was passed. There were 16,395 persons sentenced to imprisonment as compared with 16,212 so senterced in 1890 . In 14.98 per cent. of these casey simple imprisoument was atwarded. As in preceding years, no sentence of forfeiture of property was passed; no fewer than 70,141 persons were sentenced to fines as compared with 57,416 persons so sentenced in 1890. The aggregate amount of fines imposed was Rs. $4,08,762$ against Rs. $4,51,282$ in 1890 ; that of fines realized was Rs. $3,24,347$ against Rs. $3,59,681$, while the amount of compensation paid was Rs. 25,759 against Rs. 27,576 . There was thus a considerable decrease in the amount of fines imposed as well as in that realized during the year as compared with that in the previous year. The amount of compensation paid also showed a decrease. The percentage of fines realized was nearly the same for the year under report (79.3) as for the preceding year (79.7). During the year under report 699 persons were sentenced to whipping as compared with $727 \mathrm{in}_{1} 1890$, and of these sentences 506 were passed in lieu of other punishneents, 54 in addition to other punishments and 139 on juvenile offenders, under Section 5 of the Whipping Act, for offences not punishable with whipping under Sections 2, 3 and 4 . The total number of persons sentenced to whipping thus again diminished by 28 , the decrease being most marked in the second of these classes.

The number of appellants and applicants for revision before the Courts during the

Appeals and apptications for revision. year (exclusive of 244 persons whose, cases were referred to the High Court for revision) amounted to 9,261 , and applications involving 483 accused persons were made by complainants for revision. Of these 5 died, escaped or were transferred, 2,654 had their appeals or applications rejected, 4,131 had the sentences or orders in their cases confirmed, on 69 the sentences were enhanced, of 607 the sentences were reduced or otherwise modified, and of 1,581 reversed. In the cases of 24 persons the proceedings were quashed, and in the cases of 280 a now trinl or further enquiry was ordered, and the cases of 393 persons remained pending at the close of the year.

As a Court of appeal the High Court had to deal with appenls of 610 persons from convictions by the Courts of Session. Of these 1 person died, in the cases of 283 persons the appeals were rejected, in those of 120 the sentence was confirmed, of 64 modified and of 82 reversed, and in the case of 3 persons a new trial or further enquiry was ordered, the appeals of 57 persons remaining undisposed of at the close of the year. In the previous year there were appeals of 562 persons before the High Court. The High Court had before it, in the year under review, the proceedings in the cases of 1,205 persons for revision. Of these, the cases of 793 persons were sent for chiefly upon examination of the monthly criminal calendars, the remainder being taken up on applications made to the Court. The High Court enhanced the sentences of 34 , modified those of 57 , and reversed those of 248 persons. In the case of 43 persons, new trials or further enquiry were ordered. The High Court did not interfere in the cases of 729 persons, and the cuses of 94 pergons remained undisposed of at the close of the year. In 1890 the number of persons whose cases the High Court had before it for revision was 942 . The district from which the largest number of criminal cases of all kinds was received by the High Court was again Ahmedabad, the Thána District coming next. During the year under report 19 appeals were made to the High Court by Government against acquittals involving 42 persons as compared with 21 appeals involving 30 persons in 1890 . In the case of 23 persons the sentences or orders were confirmed, in the case of 3 persons the sentence was modified, and in the case of 8 persons a new trial or further enquiry was ordered. The appeals against the acquittal of 8 persons remained pending at the close of the year.

The Sadar Court in Sind had before it the appeuls of 147 persons as compared with 138 during the previous yeur. In the case of 102 persons thie appeals were rejected, in those of 27 the sentences or orders were confirmed, of 5 modified and of 3 reversed. In the case of 1 person a new trial or further enquiry, was ordered, the appeals of 9 persons remaining undisposed of at the close of the year. The Sadar Court in Sind had before it for revision the procceedings in the eases of 530 pergons as compared with 661 in the year 1830, while applications in which 27 accused porsons were involved were made by complainants for revision It did not interfere in the case of 275 persons, but enhanced
the seatences of 35 , modified those of 32 , and reversed those of 58 persons. It ordered new trials or further enquiry in the cases of 83 persons, and the cases of 74 persons remained pending at the close of the year.

The Courts of Session had before them the appeals of 1,624 persons against convic- Courta of Sestion tions by Assistant Scssions Judges and First Class Magistrates as compared with 1,858 in 1890. The appeals of 50 persons remained pending at the end of the year. Of the remainder, the appeals of 625 persons were rejected, and in the case of 508 the sentence or order was confirmed; the sentences on 131 persons; were moditied; and those on 294 were reversed; a new trial was ordered in the case of 10 persons, while the cases of 2 persons were referred to the High Court. The Courts of Sessions had before them for revision the proceedings in cases involving 703 persons as compared with cases involving 681 persons in 1890 ; the decisions in the cases of 492 persons were not intefered with; those concerning 4 were reversed; no cases ware quashed; a new trini was ordered in the case of 100 convicts, while the cases of 72 were referred to the High Court. The cases of 34 persons were pending at the close of the year.

The District Magistrates and other First Class Magistrates with appellate powers had Magistratee. before them appeals of $.3,713$ persons against 3,954 in 1890 , and dealt with them with the following results :-


Tha District Magistrates reviewed the proceedings in cases involving $\mathbf{1 , 3 8 4}$ persons as compared with cases involving 1,085 persons in the preceding year. They declined to interfere with the orders against $1 ; 181$ persons, and referred the cases of 170 to the High Court.

Trials by jury are held only in the -High Court, the Courts of Session and in the Trials by jury or Courts of Magistrates under Cbapter $\cdot$ X of the Code of Criminal Procedure. In the High with asseseorsa Court a jury consists of 9 persons. In most districts, trials in the Courts of Sessions are held with the aid of assessors. In the Sessions Courts of Belgaum, Poona, Thana, Surat, Ahmedábad and the City of Karáchi certain offences are tried by a jury of 's persons.

There were 63 cases tried by jury in the High Court as compared with 36 in the preceding year, in all of which the Judge approved of the verdict of the jury. In the Courts of Seasions mentioned, there were 161 cases tried by jury during the year under report, in 152 of which the Sessions Judge accepted the verdict. Of the remaining 9 cases, in 6 the Judge objected wholly and in 3 partially to the verdict. There was 1 case pending in the High Court at the beginning of the year. The Judges referred 5 cases, during 1891 to the High Court, which refused to interfere with the verdict in 2 cases and set aside the verdict in 4 cases. No case remained pending at the close of the year. In the Mogistrates' Courts under Chapter X of the Criminal Procedure Code, 1 case was tried by jury, and the verdict was accepted. In the Courts of Sessions, 671 cases were tried with the aid of assessors as compared with 567 in the preceding year. In 471 of these the Judge agreed with the assessors. In 74 cases the Judge differed from one and in 126 from both assessors. There were 34 cases in which the opinions of the assessors were not taken.

## Prisons.

The year 1891 showed a considerable increase both in the total number of admissions Privon population, to, and in the number of convicts confined in, the jails, as compared with the year 1890 . The following table compares the figures of the past five years:-

| Yers. |  |  |  | Total prisonera ad milted. | Convicta. | Fercentage of convicts to total. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | . |  |  |  |  |  |
| 1887 | -. | ... | $\cdot$ | 44,655 | 13,670 | 30 |
| $18 \times 8$ | ... | ... | ... | 48,887 | 15,275 | 31 |
| 1589 | ... | -.. | ... | 64, 216 | 17,111 | 31. |
| 18.9 | ... | ... | ... | 52,538 | 15,849 | 30 |
| . 1891 | ... | - | -•• | 53,540 | 15,931 | 30 |

Disposal of convicts.

Escappen.

It is thas evident that the gradual increase in the volume of crime noticeable nince 1887, though it received a tomporary check in 1890, has not really reached its fall develicpment. This increase was most noticeable in the case of the Bombay City jails, which contributed more than one-third of the increase for the whole Presidency since 1887. A slight fall (from 7,018 to 6,976 ) in the average daily jail population would seern to print to the infliction of lighter sentences. That this is not a safe conclusion, however, is shown by a comparison of the number of prisoners admitted for long-term imprisonment or trausported during the year. In the first place, 59 convicts, against 57 in 1890 , wore sentenced to death, and although 869 persons sentenced to more than one but less than two yeara' imprisonment were admitted, against 881 in 1890 , there were on the other hand 791 prisoners admitt d for various periods exceeding two years, against only 617 in the previons year.

T 9 following table shows the extent to which transportation has been applied as a punishment during the past five years:-


It appears, then, that concurrently with an increase of 75 per cent. in the number of sentences to terms of imprisonment exceeding ten years, there was a falling off from 255 to 172 in the number of instances in which the Courts inflicted sentences of transportation. Of the total of 172 prisoners so sentenced, 96 had compitted murder or culpable homicide or attempted to commit one of those offences, while 3 convicts were sentenced to terms of imprisonment exceeding ten years for similar crimes.

The following table contrasts the disposal of convicted prisoners during the two years 1890 and 1891 :-

| 1 | 1800. | 1891. |
| :---: | :---: | :---: |
| Transferred to other jails- |  |  |
| To undergo mentence ... | 2,555 | 3,469 |
| For transportation boyond seas, \&c. | 119 | 149 |
| Released on appeal ... .... ... | - 868 | 914 |
| Do. . on expiry of sentence ... . ... | 13,936 | 18,513 |
| Do. nnder remission rules .... ...t | 089 | 787 |
| Do. by order of Government on account of sickness |  | 3 |
| Do. on other grounds .... ... | 7 | 2 |
| Trantported beyond seas ... ... | 139 | 126 |
| Tranaferred to Lunatio Asylums ... | 1 | 8 |
| Escaped ... ... ... | 7 | 21 |
| Erecuted -.. | 37 | 38 |
| Died ... ... ... ... | 235 | 235 |
| Number remaining on 31,t December . .* | 6,848 | 7,114 |
| Total ... | 25,441 | 26,379 |

and the following is interesting as bearing on the subject of the steady growth of the number of convicts released on appeal :-


The percentage for the three years ending 1889 was 5.0 , and there thus appears to be no cessation in the steady increase in the number of releases under this head.

There was an increase from $14 t_{0} 28$ in the number of escapes effected during the year. Of those who escaped only 7 prisoners were recaptured. Only 2 prisoners escaped from within prison walls; the remainder while employed extri-murally. There was an oatbreak from the Ahmedabad Jail in May 1891 resulting in the death of 5 prisoners. On 5 another occasion out of 12 transportation convicts on their way from Ahmedábad to Thána, 5 escaped from the railway carriage after overpowering their police guard. Measures were under consideration to prevent a recurrence of anything of the same nature for the future.

Cbap. III.
PROTECTION.

Of the total nomber ( 15,931 ) of convicts admitted to district and subordinate jails 1891, 2,393 were reconvicted prisoners. This gives a percentage of 15 against 15.3 in the previous year. The proportion of those who were identified before conviction as having been previously convicted was maintained, and the increase from 443 to 651 in the number of accused persons who were classed as "habitual offenders" by the sentencing Courts indicated increased activity on the part of the police in identifying that class of prisoners, and accounted possibly for the fall from 81 to 47 in the number of prisoners who confessed to being habitual criminals. The Jail authorities succeeded in establishing previous convictions after receipt of.the convict in jail in a slightly larger proportion of cases.

The total number of juvenile offenders, convicted and confined in jail during the year under Juvenile offondera. review, was 123 against 161 in 1890.

A decrease of 10 occurred in the number of criminal offences committed by convicts in jail and punished by the Criminal Courts, and the total number of jail offences declined from 4,444 in 1890 to 3,888 in 1891. The proportion of punishments to the average number of convicts in jail varied from 8.5 at Surat to 190.9 at Aden, and averaged 55.4 against 63.3 in 1890. It is remarkable that the whole of this decrease took place in the offences "relating to work," the number of which fell from 2,714 to 1,877 . The number in 1889 was 3,294 . There was, also, a noticenble increase of offences under the head of "Smoking and possession of forbidden articles," which can only be committed with the connivance of the prison staff. The number of instances of the infliction of corporal punishment on convicts remained the same (108) as in the previous year, and, white there was a decrease from 818 to 729 in the number of cases in which solitary confinement with rednced diet was resorted to, there was an increase from 33 to 42 in the phinishment of reduced diet and from 16 to 17 in that of solitary confinement. Of the minor forms of punishment, that of the stocks was resorted to in 1,528 cases, as poainst 1,894 cases in 1990. The number of cases in which fetters were imposed or worn rose from 8,228 to 8,514 . The conduct of the convict warders showed a slight deterioration in 1891. There was a fall too (from 66 to 57) in the number of convicts under instruction in jail.

The number of under-trial prisoners received in district jails in 1891 was 3,471, against 3,357 in 1890, and the number of those received in subordinate jails and lock-ups fell from 30,722 to 30,538 . The total number of under-trial prisoners received during the year, therefore, showed a decline. There was only one escape from a lock-up against 18 in the previous year, while no escapes of under-trial prisoners were effeeted from district jails. There were 13 deaths in subordinate jails and lock-nps against 12 in 1890, and 5 deaths in district jails against 3 in the previous year. There were, in all jails and lock-ups, 689 prisoners awaiting trial on the 31st December 1891.

There was a remarkable increase from 1,636 to 1,912 in the number of civil prisoners Civil Jails. received in jail during 1891, attended with a corresponding decrease in the average cost per head. The number remaining in jail at the close of the year (120) did not, however, largely exceed the number (115) remaining over from 1890.

The percentages of convicts employed on manufactures and extra-mural labour were respect- Employment ively $31 \cdot 0$ and 18.9 against 29.7 and $22 \cdot 4$ in the preceding year. The profits per prisoner of convicta, employed on the former rose from Rs. 21-5-9 to Rs. 25-5-2 and on the latter from Rs. 55-2-11 to Rs. 70-1-10. The total realizations from labour are shown below, in contrast with those for 1890:-

|  | 1800. | 1881. |
| :---: | :---: | :---: |
|  | Rg . | Rs. |
| Factory ... | 47,631 | 50,882 |
| Garden ... ... ... | 3,849 | 2,137 |
| Extra-mural labour ... . ... | 84,300 | 87,714 |
| Building and repairing jails ... | 173 | 3,413 |
| Subordinato jails ... | 2,618 | 1,934 |
| Total | 1,38,571 | 1,46,080 |

These improved results were partly due to some of the canal work done in 1890 being paid for in 1891.

In jail expenditure a slight saving was effected as compared with the previous year. Financial rosalta Excluding the cost of inspection and superintendence, the total cost to Government was Rs. 5,23,608 as compared with Rs. 5,25,508 in 1890. Deducting the actual cash realizations, which amounted to Ra. 1,46,080, the total net cost to Government was Rs. 3,77,528 or Rs. 9,409 less than in 1890. The cost of inspection and general superintendence decreased fronn Rs. 25,623 to Rs. 25,579. If this charge be included, the total net cost to Government on account of jails amounted during 1891 to Rs. 4,08,107 against Rs. 4,12,560 in the previous vear. The total cost per prisoner was Rs. 70-6-8, or almost the same as last year.

The sickness and mortality amongst convicts and under-trial prisoners in the central, district and subordinate jails and the lock-ups of the Presidency for the years 1830 and 1891 are contrasted below :-


These figures show some slight improvement in the general health of the prisoners. Of the 258 deaths that occurred, ' 103 were from respiratory diseases, 75 of which were if the Upper Sind jails. The chief diseases among convicts in the central and district jails were evers, respiratory diseases, anmemia, dysentery and diarrhcea. The jails showing the highest sick rate were Dhárwár, Yeraoda and Rajkot, and those showing the higbest death rate were the Nara Gang and Hyderabad. A very marked improvement was noticeable in the health of the Deccan Gang. If the accommodation be calculated according to cubical capacity, all the jails but those at Yeraodn, Bijapur, Kárwar, Ratnágiri and Dhuliákot were overcrowded throughout the year. That it cannot be concluded that overcrowding was the cause of unhealthiness, is shown by the fact that those which were most continuously overcrowded, viz. Dhalia and Surat, had the lowest percentages of daily sick, while of those enjoying the greatest immunity from overcrowding, Yeraoda stood highast but one in its daily sick rate.

## Reyoriatory Schoole.

Yeraoda Javenile Reformatory sichool.

During the year the number of boys admitted was the same as that in the preceding year, viz., 41, which added to the number on the rolls at the close of the year 1890 made a total of 105 . Of this number, 20 were released, 2 were transferred to jails to serve out their sentence, and 3 died, leaving 80 juveniles in the Institution at the end of the year, against 64 at the end of 1890 . Of the fresh admissions 33 boys were illiterate and 5 had previous convictions xecorded against them.

The health of the boys was not as good as usual. There were 70 admissions to hospital and 3 deaths.

Discipline improved greatly during the year, and punishments fell in number from 55 to 32. Out of 45 juveniles whose career subesquent to release was ascertained, 26 were following trades, 5 were in service, 2 were at school, 1 was unomployed, 2 doubtful, and 2 were known to have returned to crime.

The employment of the boys yielded a net profit of Rs. 891 as against Rs. 970 in the previous year. The_total cost of maintennnce per head fell from ks. 143 to Rs. 132.

## Oivil Justice.

The subject of this section is the administration of Civil Justice by all the Civil Courts in the Bombay Presidency, including the Province of Sind, but excluding the Courts at Aden. The territories to which this section relates are the Regulation Provinces within the original or appellate jurisdiction of the High Court, and the Province of Sind. The area and population of these territorias have been given in the preceding section, relating to Criminal Jostice.

The following statement shows the numbers and designations of the regular Civil Courts which come within the scope of this section. The Courts of Cantonment Magistrates and Mámlatdars are not included, as the discharge of civil functions occupies but a very small proportion of their time.

The High Court.
Regulation Provinces.
The Court of Small Causes in Bombay.
18 District Jadges.
2 Agenta for Sardars in the Deccan and Sonthern Mar
1 Jaint Judge.
2 Agsistant Judges with foll powers.
1 Assistant Judga
5 Brall Canse Coorts (presided over by 3 Small Cause Court Judges).
13 Firat Clam Sabordinate Jadgee.
20 Second Clame Subordinate Judgen,
2 Inámdars and Jkghirders with powers under Regulation XIII of 1830
86 Village Mansifg ander the Dekkhan Agricultarista' Relief Act.

## Sind

The Saniar Court.
4 Listrict Joizes (inctoling the Depaty Commigioner of Thar and Perkar)-
1 Asiactant Judre.
1 Ampangt Judge 1 Iodge of the Ciant of Small Cancee
12 Sonominale Jejuy
7 Maichifirkars, 7 Head Manabia and 1 Depaty Collector in Thar aod Pátarr vith powers to try civil saitin.
Daring the year under report the High Court was presided over by a Chief Justice and six Judges.

The total receipts of all Courts in the Presidency amounted to Rs. $\mathbf{3 1}, 93,153$ as. com- Receipta send pared with ks $31,76,159$ in the year 1890, the expenditure being shown at Rs. $\mathbf{4 6 , 9 0 , 9 3 0}$ expeniitare as compared with Rs, $44,90,087$ in the previons year. The receipts and expenditure of the High Court as compared with the year 1890 are shown in the following table:-


The total namber of suits institnted in all the Courts during the year 1891 amounted to 194,691 as compared with 202,166 in the preceding year, showing a decrease of 7,485 snits. The decrease was most marked in the Courts of Subordinate Judges and in the Presidency Small Canse Courts, in the Village Courts and in the Mofussil Small Cause Courts, while the Revenue and District Courts showed an increase of 911 and 100 respectively. The province of Sind also showed an increase. The number of saits instituted in the High Court was 1,419 as compared with 1,462 in the precoding year. In the original jurisdiction the number of suits instituted showed a decrease of 43, which is nearly equal to the increase noticed in the preceding year. The insolvency suits in the High Court amounted to 681, being 28 less than in 1890, and there were 6 matrimonial suits as compared with 5 in 1890, but none in the Sadar Conrt in Sind. The number of original suits instituted in the District Courts rose from 397 in 1890 to 497 daring the year under report, the increase being most marked in the district of Broach. The number of saits instituted in the Courts of the Subordinate. Judges and of the Jaghirdárs and Inámdars exercising civil jurisdiction showed a decrease of 1,473 as compared with the preceding year. This decrease was distributed among nine districts, the largest being in that of A hmedabad (including Kairs and Panch Mahals). There was an increase in ten districts, being most marked in those of Shoľ́pur-Bijápur, Karáchi, Khándesh and Shikarpur (including Upper Sind Frontier). In the number of suits instituted in the Small Canse Courts, there was a decrease of 3,636 as compared with the preceding year. This decrease was distributed among five of the Small Canse Courts, being most marked in the case of the Bombay Small Canse Court. The Poona Small Cause Court showed an increase of 1,512, which was due to the transfer of the civil jurisdiction of the Poona Cantonment Magistrate's Court to that Court The number of suits filed before Village Munsifs fell from 7,207 in 1890 to 6,001 daring the year under report.

Classified according to subject-matter, the saits instituted during the year under report Clemification compare with those of the preceding year as follows:-There was a considerable decrease of suith. of 3,575 in suits on contracts in writing, of 2,549 in those for goods sold, of 948 in those for money had and received, of 871 in those on account stated, of 551 in those for immoveable property and of 234 in those for arrears of rent of land with or without ejectment, \&ec, while there was an increase of 967 in suits on contracts not in writing, of 301 in other suits under the Specific Relief Act, of 265 in suits for recovery of possession or removal of obstraction under Bombay Sct.III of 1876, of 172 in suits for damages, and of 156 in those for rent of houses and property other than land. In the High Court suits on contracts in writing, for money had and received, and other soits under the Specific Relief Act showed a decrease of 48, 14 and 14 respectively; while suits under Section 261, Act X of 1835 (also Hindu Wills Act), administration suits, and suits on account stated showed an increase of 16,13 and 11 respectively.

The accregate value of the subject-matter of suits instituted during the yeari 1891 Value of nite on the Original Side of the High Court was Rs. $80,19,866$ against Rs. $1,59,27,463$ in 1890, showing a decrease of Rs. 79,07,597. The total value of claims in the Mofussil Courts amounted to Rs. 2,27,77,303 against Rs $1,68,30,404$ in the preceding year, showing an increase of Rs. $59,46,899$. In the 194,681 suits instituted during the year under report the value of the claims did not exceed-


In 225 suits the claims exceeded Rs. 10,000 in value. There were also 11,209 snits, the value of which could not be estimated in money. There was a decrease in the first four classes of suits and an increase in the rest.

The total number of suits disposed of by the several classes of Civil Courts during the year under report amounted to 197,898 as against 202,948 in the preceding year, showing a decrease of 5,050 . The arrears at the beginning of the year were 33,161 and at the close of the year 31,995 . The following table shows the number of cases decided by the soveral classes of Civil Courts during the year under report as compared with the preceding year:-


These figures show a general decrease in all classes of Courts except in the Courts of District and Assistant Judges.

The following table gives the details of suits disposed of by the High Court on its Original Side during the year under report as compared with the preceding ycar :-


There were 1,683 suits pending at the end of the year under yeport against 1,522 pending at the close of 1890 .

In the table below is shown the manner in which suits were disposed of in the Mofussil and the Bombay Small Cause Courts during the year 1891 as compared with the preceding year:-


There were 30,311 suits pending at the close of the year as against 31,639 pending at the end of the preceding year. The percentage of suits disposed of ex parte to the total number of cases decided by the District and Subordinate and Small Cause Courts was 33
and 33.21 respectively.

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Darration of suite. preceding year is shown in the table appended below:-


The average duration of saits increased in the District Courts, Mofussil and Presidency Small Canse Courts, and in the Courts of Subordinate Judges and Cantonment Magistrates, while it decreased in the Mámlatilirs' Courts and in the High Court. In the Courts of Jaghirikirs and Inámdárs, there was an increase in the case of contested and a decrease in the ease of anerntested suita. Of the 1,683 cases pending in the High Court at the close of the year, 1,275 had been filed for more than 3 months. Of the 30,311 saits pending in the Subordinate and Sinall Cause Courts at the close of the year, 10,128 had been institnted more than 3 months.

Besides the regular anits disposed of by the Civil Courts, they also decided $\mathbf{2 0 , 9 6 6}$, Mrioeleneous miscellaneons cases out of 24,357 . which eame before them, leaving 3,391 pending at the close of the year.

The total number of appeals before all the Appellate Courts during the year under Appeak report was 11,457 , of which 5,975 were disposed of and 5,482 remained pending at the end of the year. The number of appeals filed (including those that were re-admitted), disposel of and left pending before the several Appellate Courts of the Presidency during the year under report as compared with the preceding year is given in the following table:-


The number of appenis instituted on the Original Side of the High Courf fell from 42 to 29. The nomber of first and second appeals filed on the Appellate Side of the High Court rose from 154 and 898 in 1890 to 196 and 1,047 respectively during the year under report, while in the Sadar Court in Sind it fell from 18 and 28 to 16 and 14 respectively: The number of appeals filed in the District Courts (including Sind) fell from 4,733 in 1890 to 4,494 during the year under report. The districts of Ratnágiri, Surat, Shikarpur, Xarik, Poons and Brosch showed an increase in the namber of appeals filed during the
 Ahnoedragar, Kinara, Belganm, Statira, Hyderabed and Ahmedabed showed a decrease, which wan moxt marked in the district of Thans (iveluding Kolabs). In the High Court there vere 43 apprals from deerees of Judges sitting on the Original Side and 9 references from

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the Bombay Court of Small Causes. Of these, 10 were dismissed, while in 16 cases the decrees were confirmed, in 4 modified and in 2 reversed, and 6 cases were remanderl. There were 14 such appeals and references pending at the close of the year. From the Mofussil Courts there were 387 appeals from original decrees, of which 185 were disposed of and 202 remained pending. The total number of appeals from decrees before the District Courts amounted to 9,211 including 1,255 decided by Subordinate Judges with appellate powers, as against 9,071 in the preceding year. There were 245 miscellaneous appeals before the Appellate Courts, of which 178 were disposed of and 67 remained pending. The number disposed of in 1890 was 157, 70 being left pending at the close of the year. The High Court on its Appellate Side disposed of 258 applications under its extraordinary jurisdiction, 14 references under the Civil Procedure Code, 4 references under the Stamp Act I of 1879, 3 for confirmation of decree for dissolution of marriage ander Act IV of 1869, 1 under Act $\mathrm{X} V$ of 1877, 1 under the Dekkhan Agriculturists' Retief Act and 1 reference under Bombay Act III of 1876. There were left pending at the close of the year 58 such applications and references.

The total number of applications for execation of decrees before all the Civil Courts during the year under report amounted to 267,850 against 269,469 in the preceding year. These were dealt with as follows :-

In 36,877 satisfaction was obtained in full.
In 47,295 satisfaction was obtained in part.
132,175 applications were wholly infructuous.
333 applications were transferred to other districts and provinces for disposal, and 47,592 remained pending at the end of the year.
Judgment-debtors were arrested without being imprisoned in 3,611 cases and were actually imprisoned in 1,956 cases. The corresponding numbers during the preceding year were 3,197 and 1,689 respectively. The total amount recovered by all the Courts in execution proceedings was Rs. 43,78,633 against Rs. 43,23,105 in 1890.

The number of applications under Chapter XX of the Civil Procedure Code in the Mofussil was 354 as compared with 296 in 1890 . The number of such applications in the four districts, subject to the operation of the Dekkhan Agriculturists' Relief Act. was 34 as compared with 34 in 1890, 43 in 1889 and 50 in 1888. In the Insolvency Court in Bombay, constituted under 11 and 12 Victoria, Chaptor XXI, there were 681 applications presented as compared with 709 in 1890. The number of civil cases tried with the aid of assessors was 28 as compared with 25 in the preceding year, all being cases under the Land Acquisition Act ( X of 1870). There were 2 cases disposed of , in the Parsi District Matrimonial Court and 6 such cases in the Parsi Chief Matrimonial Court.

During the year under report three of the District Judges, one Assistant Judge, F. P., and two Assistant Judges inspected 8 of the Courts subordinate to them. The general results of these inspections, as reported to the High Court, were, on the whole, satisfactory, due notice being taken of any cases of irregularity or laxity discovered. Such of the work of the Subordinate Judges as came before the High Court in the hearing of civil appeals showed that these officers, as a body, discharged their duties with industry and intelligence. The work in many subordinate Courts is exceedingly heavy, and canuot be adequately performed by a single Judge.

## Execution of Degregs of Civil Courts by tir Ravenuz Drpartment.

The following statement shows the number of decrees of Civil Courts for execntion and execnted, by Collectors of districts during the year 1891 :-

| Divisloas. |  |  |  | Nuydrat or Dicisie fox paroulu. |  |  | $\begin{array}{\|l} \because! \\ \text { Sumbier of } \\ \text { decrooan } \\ \text { dimposed } \\ \text { of. } \end{array}$ | Number of decroce ceturnol to clvil Courta | $\begin{gathered} \text { Bulance on } \\ \text { 1ut Januury } \\ \text { 1sy2. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Balanco on lot January 1801. | Recoived Jurling 1801. | Total. |  |  |  |
| Northern Divinion Central <br> Southern " | $\begin{aligned} & \ldots \\ & \cdots \\ & \cdots \end{aligned}$ |  |  | $\begin{aligned} & \cdots \\ & \cdots \\ & \cdots \end{aligned}$ |  | 1,804 | 1,409 | 8,213 |  |  |  |
|  |  | ... | 2,628 |  | 3,716 | 6,343 | 2,489 | 771 | ${ }_{3,083}^{1,387}$ |
|  |  | ... | 13 |  | 27 | 40 | 18 | 9 | 13, 13 |
|  |  | Total | 4,445 |  | 6,151 | 0,506 | 4,031. | 1,082 | 4,483 |

In the previous year, 4,871 decrees were received for oxecation, making, with the 4,522 decrecs on hand at the beginning of 1890 , a total of 9,393 for disposal.

In the Northern Division the largest proportion of decrees disposed of was in Kaira. The proportion of cases disposed of by mutual agreement showed a slight decrease, the total number of decrees disposed of in this way in the Division being 738 against 817 in the provious year. Of the 3,260 decrees disposed of in the Contral Division, 1,731 or more tban half were settled by matual agreement, the largest proportion disposed of in this way
being amnin in the Sholapur District. In both Divisions the balance of decrees undisposed of at the end of the year was large, bat the progress made in their disposal was, considering the caation reqaired in proceeding in matters of this nature, fairly satisfactory. The average price of analienated land sold in execation varied, in the Northern Division, from nine times the aszessment in Surat to twenty-six times the assessment in Kaira, and iu the Central Division it averaged sixteen times the assessment.

## The Dekehan Agbictltubists' Reliep Act XVII of 1879.

The reduction from 2 to 1 in the number of additional Subordinate Judges reduced the Jodges and Coarts. totid number of ordinary and additional Subordinate Judges from 27 to 26 . The withdrawal of the additional Suborinate Judge from Sholápur and the consequent necessity of deputing the Subondinste Judge of Pandharpur to assist there, caused an increase in the arrears at Pandharpur. A tendency to an increase in arrears at several other Courts was noticeable.

The following table contrasts the number of suits in the Courts or before Village Saite geaerally. Mansifs and the number of applications to Conciliators in 1891 with those in 1890 :-

|  |  | 1200. | 1592 |
| :---: | :---: | :---: | :---: |
| Suits in the Conrts before Village Münails... Applications to Conciliatore | ... | 15,413 | 15,674 |
|  | ... | 7,207 | 6,001 |
|  | ... | 24,804 | 22,527 |
|  | Total | 47,424 | 44,202 |

Litigation under all heads decreased in every district-a result which may be attribated to the bad character of the season of $1890-91$. Ont of the 15,674 tuits brought in the Courts, 10,047 or 64 per cent. Fere under Chapter III as against a percentage of 63 in the previous year. The most remarkable variation in any class of suits under this chapter, as compared with the previous year, was an increase from 395 to 912 in suits against nonagriculturists ander clanse ( $x$ ), Section 3 of the chapter; bat this was due to the large number of manicipal suits brought in the Sholápar, Sátára and Tásgaon Courts. Parely a, riculturist suits (clauses $a, v, x, y$ and $z$ of Section 3) numbered 3,681 against 3,914 in 1890, the percentage on the whole number being 37 against 40.

In all, 742 redemption suits were instituted, as compared with 688 in 1890. This in- Redenption saits. crease of 8 per cent. followed on an increase of $4 \ddagger$ per cent. in 1890, preceding which year there had been a continuous decline in the number since 1885.

Suits under Section 3, clause (y), fell off in all districts, especially Sholápur.
Suits by mortgagex
Only 9 cases were disposed of in accordance with the summary procedure laid down summary procedare. in Section 9.

The consent of parties to extend the provisions of Chapter II to saits above Rs. 100 Consent saita. and bulow Rs. 500 was obtained in 439 cases out of a total of 1,088 such suits disposed of. This shows a proportion of nearly 41 per cent., the same as that of the previons two years. Out of the remaining 649 cases there was no occasion to ask the consent in 273 cases, and consent, though asked, was refused in 376 cases, being about 34.5 per cent. of the total number of cases against 37 per cent. of the previous year.

Thre were 21,168 cases of all kinds for disposal in 1891, of which 15,761 were dealt Disposal of suita with and $\mathbf{5 , 4 0 7}$ remained outstanding at the close of the year, as against an opening balance onder Chapter IL, of 5,494 . Of the total number for disposal, the suits under Chapter II numbered 12,188, of which 10,055 were disposed of, and 2,133 , as compared with 2,141 , remained in arrears at the end of the year. The following table shows how the various suits under that chapter were disposed of in the past two years:-

| Chendifetion of dimponaly. | 1800. | 1801. |
| :---: | :---: | :---: |
| Plaint retarned... ... | 6 | 8 |
| Dismiesed for defenlt ...* .... | 714 | 695 |
| Decided ez parte ... | 642 | 602 |
| Admitied ... | 2,172 | 2,163 |
| Contested | 3,245 | 3,435 |
| Avrarded in whole Do. in part | 1,861 | L,997 |
| Bejected ${ }^{\text {Dit }}$... | 955 429 | 996 442 |
| Abated or diraviswed | 93 | 18 |
| Compromised ... ... | 2,716 | 2,920 |
| Withdrawn ... | 234 | 194 |
| Trapomed of by arbitration | 7 | 5 |
| By trander ... ... | 2 | 25 |
| Total ... | 9,761 | 10,055 |

The proportion of ex parte decisions fell from 6.5 to 6 per cent. of the cases, and in agriculturist suits the percentage was only $1 \cdot 5$ against nearly 2 per cent.

Excluding 56 cases in which the plaint was returned, or the suit abated, or was disposed of by arbitration or by transfer, the remaining suits $(9,999)$ were thus disposed of :-

| Decided ex parso | ... | - ... | ... | $\begin{array}{r} 18200 \\ 6.5 \end{array}$ | $\begin{gathered} 1801 . \\ \boldsymbol{B}^{2} . \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Dismissed | -. | ... | ... | $7 \cdot 4$ | 6.9 |
| Withdrewn | ... | ... | -.. | $2 \cdot 5$ | $2 \cdot$ |
| Compromised | ... | ... | ... | 28. | 29. |
| Admitted | .. | ... | ... | 22.2 | $21 \cdot 5$ |
| Contested | ... | ... | ... | $33 \cdot 8$ | 34.4 |

The proportion of agriculturist cases contested stood at 43.6 and of non-agriculturist cases contested at 28.4 .

A more sparing ase appeared to have been made of the power to enquire into the past

Saita of which
past history past bistory
was exsmined.

Redemption suits.

Inatalment of
decrees and execution of decrees. history of claims by mortgagees than was the case in the previous year. The proportion abated in those cases in which the past history was examined was 21 per cent. of the amount claimed, against 26 per cent. in the previous year.

The number of redemption suits instituted under, and outside of, Chapter II during the year rose from 373 and 810 to 374 and 368 respectively, and with arrears the total of both classes for disposal was 1,140 in 1891 against 1,043 in 1890. The number disposed of increased from 606 to 719. In 221 redemption suits under Chapter II, the total amount of mortgage-debt claimed was Rs. 26,366 and the total amount decreed was Rs. 18,501, while the respective figures for the previous year were Rs. 24,095 and Rs. 16,964, the percentage being thus the same in each year. Decrees not under Chapter II, the value of the debt claimed under which was Rs. $1,01,640$, numbered 211 , and the total amount awarded was Rs. 67,320 , or about 67 per cent. of the amount claimed, against 70 per cent. in 1890. The Conciliators in the four districts settled 133 claims, the total value of which was Rs. 49,289 , at Rs. 39,977 , showing an abatement of about 19 per cent. The results of twelve years' redemption suits show that, in all, 16,445 cases had been disposed of by the Courts and 3,357 by the Conciliators since the Act came into force. The total mortgage-debt settled by both means was about 36 lakhs of rupees, and the settlement was made at about 25 lakhs of rupees.

The following table compares the success in the recovery of instalments on darkhaists, taken out under decrees granting instalments achieved in the past two years :-

| Years. |  | Amount claimed in in arreare. | Amount clalmed in darkhanta nled during the yoar. | Total amount claimed. | Amount clalmed In darkhanta in which matinfaction Wus obtajoed in full or in part. | Amount datmers in darklinata fructuoun. | Anount actunily realizod. | Ammint <br> clatmed in daykhaste remalned peristisa at the elome of the yemp. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1800... | . | $\begin{gathered} \mathrm{Rs}, \\ 1,50,580 \end{gathered}$ | $\begin{aligned} & \text { Re. } \\ & 4,50,012 \end{aligned}$ | R $\mathrm{m}_{\mathrm{m}}$. 6,01,008 | $\begin{aligned} & \text { Rs. } \\ & 1,66,057 \end{aligned}$ | Rs. $2,81,449$ | Rs. 70,659 | $\begin{aligned} & \text { R.t. } \\ & 1,53,599 \end{aligned}$ |
| 1801... | ... | 1,50,393 | 4,66,622 | 6,17,015 | 1,81,046 | 2,76,820 | 83,548 | 1,60,149 |

Besides the amount realized in the darkhists disposed of, Rs. 58,543 were paid voluntarily in regular or irregular instalments, giving Rs. $1,42,091$ as the total realizations under instalment decrees. The number of applications for execution of decrecs of all sorts rose from 20,972 in 1830 to 21,144 in the year under review, and the percentage of recoveries improved from 30 to $31: 3$ per cent.

The average duration of suits falling under Chapter II in all the Courts was 3 months and 18 days against 3 months and 23 days in the previous year.

The total value of suits disposed of in 1801 was Rs. $5,36,434$ against Rs. $5,44,234$ in 1800 : the total costs amounted to Rs. 68,948 in 1891, giving a proportion of Rs. IV-13-7 per cent. against lis. 12-9-1 in 1890. The proportion was again highest in Satara and lowest in Poona.

Village Muncifs,
The number of Village Munsifs declined from 87 to 85 during the year 1801. There was a considerable decrease, too, in the amount of work done by them. They disposed of 6,009 suits and 3,578 applications against 7,291 and 3,749, respectively, in 1800 .
Concilistors.

The number of Conciliators at the end of the year was 221 . The number of applications to thrm decrensed from 24,804 to 22,527 , and the number of applications disposied of from 25.296 to 25,598 . Agreements were effected in 17 per cent. of the cases disposed of, and related to claims of the value of Rs. $5 \frac{1}{2}$ labhs. In 1890, agreements were filed in 18.5 per cent. of the cases which related to claims of the value of Rs , 6 : lakhs. The
invetiture of Concilistors with the special powers under the amended Section 40 led to onsiderably better results, failure to attend before such Conciliators ocearring in only 3.3 per cent of the casea, as against 45 per cemt. failures before Conciliators not no empowered.

The system of refonding half the Court-fees in cases against agriculturists, when amicably setuled at the first hearing, was in force in 11 talukas, where the conciliation syatem did not obtain. Certificates were iswned in 564 casea against 652 in the previous year, and the amount refunded fell from Ra. 1,053 to Rs. 969.

The records of aboat 70 per cent. of the suits decided under Chapter'II in the subor- Revinine dinate Coarts were examined. Out of 695 cases for revision, including arrears, 577 cases were disposed of, leaving 118 applications for disposal at the close of the year. Of these the decrees were confirmed in 64 per cent. of the applications, amended in 107 per cent., and reversed or remanded for re-trial in nearly 24 per cent. Six applications were returned to be filed in the proper Courts, and 3 were compromised.

The following statement shows the number and value of sales, mortgage-bonds and Deeds execeated by monay-bonde executed during the past two years:-


Daring the year a commission, appointed by the Government of India to enquire into Enpuiny into the the working of the Act, sat at Poons, and inquired exhaustively into the system introduced worting of the and the resalts achieved thereby.

## Registration.

## Registration txder Act III of 1877.

During the year 1891-92 there were 168,497 registrations recorded against 156,592 in Deede registered 1820-91, the increase of 11,905 transactions being equivalent to $7-62$ per cent. Compulsory reristrations rose from 125,259 to 136,265 and optional registrations from 31,333 to 32,232 . The first named class, therefore, showed an increase of 11,006 transactions or 8.78 per cent., and the last named class one of 899 or $2 \cdot 86$ per cent. The proportion of optional to compuisory registration daring the year was 23.65 against 2501 during the preceding year.

There were 1,362 wills registered in 1891.92 against 1,207 in 1890-91, exhibiting an wink and increase of 155 or $1 \geqslant \cdot 84$ per cent. Thirty-five wills were deposited, 11 withdrawn from de- authoritica to posit, 7 opened and 6 removed for record in Court, against 33 deposited, 10 witbdrawn from adopt deposit, 11 opened and 6 removed for record in Court during the year preceding. Two anchorities to adopt were registered during 1891-92 against the same number in 1890-91.

The aggregate stated value of property affected by instruments registered in 1891-92 valpea and feer amounted to Rs. 8.09,18,805-15-7 against Res 8,05,20,603-8-3 in 1890-91, showing an increase of Rs. $3,98,202-7-4$. Exclasive of wills and two authorities to adopt, and also of 716 instruments, in which no value or consideration was shown, the average value per transaction during 1891-92 was Re. 483-3-10 against Rs 520-11-8 in the year preceding. Taking all classes together, the average registration fee was Re. 1-11-9 during 1891-92 against Re. 1-11-1 daring 1890-91.

There was an increase in the number of registrations in each of the 23 districts of pistrict increasen Ahmertátéd, Brrech, Panch Maháls, Surat, Kolába, Ratnágiri, Tbăns, Ahmednagar, Khán- and decreseen desh, Nárik, Poons, Sátâra, Shoľ́pur, Belganm, Bijápur, Dhárwár, Kánara, Aden, Deess, Karáchi, Hy derabed, Shikarpur and Thar and Pirkar, and a decrease in each of the 3 distriets of Bombay, Kaira and Upper Sind Frontier.

There were 484 refusals to register daring the year moder review against 418 in Refucalk to 1590-91.

The number of deeds impounded by registering officers during the year under report, Impounded on the ground of insufficiency of stamp, was 317 against $3: 32$ in 1890-91. In 91 of such deedk easea the deeds $s 0$ impounded were held to be suficiently stamped, in 183 the action of the impronding officer was upheld by the Collector, and 43 deeds a awaited disposal at the close of the $y$ ear.

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## Officen.

## Inspections,

Prosecutions.

Receipts.

Expenditure.

Fiosncial rosulta.

Number of registrations.

## Reaults in the

two main clasece of deeds.

Deede executed to oupplant old creen.

## Traneections <br> befween

agricalturiata and
agriculturists and agricalturints and

and the general indexes of one district; the Inspector, 2nd Division, 22 sub-registry offices and the general indexes of one district; the Inspector, 3rd Division, 16 sub-registry offices, and the Inspector, 4th or Sind Division, 25 sub-registry offices and the general indexes of and the Inspector, 4th or Sind Division, 4 districts. The Inspector of the 1st Division was employed in Bombay for about three months of the year under report on special duty in connection with Act VI of $188 \beta$, and mence his inspection work for the year compared unfavourably as regards quantity with an ordinary year's operations. The registrars in all carried out 183 examinations of subregistry offices, and 107 sub-registry offices were examined by Assistant and Deputy Collectors.

Fifteen persons were convioted of oflences against the registration law during the year, while 4 were acquitted of the charges of the above nature brought against thein, and one absconded.
The gross receipts of the department for the year under review (Rs. 4,82,140) showed an increase of Rs. 34,213 on the receipts (Rs. 4,47,927) for 1890-91. This result was due to the increased number of registrations.

The expenditure of the year increased by the sum of Rs . 15,540 compared with the expenditure of the previous year. This result was due to the increase in the business of the department which brought with it enhanced receipts entailing a larger outlay under the head of commission on fees.

The income of the department exceeded the expenditure by Rs. 2,17,182, and if the surplus (Rs. 7,428) derived from operations under the Joint Stock Companies' Act be added thereto, the total surplus for $1891-92$ amounted to Rs. 2,24,610. In $1890-91$ the total surplus from all sources stood at Rs. 2,02,484.

## Registration under the Dekkhan Agriculturists' Relief Act XVII of 1879 as amended by acts XXIII of 1881, XXII of 1882 and XXIII of 1886.

This Act was in operation in the four Deccan districts of Ahmednagar, Poona, Sátára and Sholápur.

There were in all 127,560 registrations during the year 1891-92 against 119,839 during the preceding year, exhibiting an increase of 7,721 transactions, or $6 \cdot 44$ per cent. The increase was shared more or less by all the four districts. The subjoined table shows the total number of all kinds of documents registered in each of the four districts daring the year number of all kinds of documents registered in each of the four districts daxing the in nambers and the ratio of increase in each district:-


Taking the foar districts together, in transactions relating to immoveable property there
At the close of the year there were 26 registry and 218 sab-registry offices in exiatence against the same number in the previons year.

During the year under review the Inspector General examined the records of 13 registry ad 16 sub-registry offices. The Inspector, lst Division, examined 10 sub-registry office was an increase of 9,553 , the number having risen from 82,964 in 1890-91 to $0 \cup, 517$ in 1891-92. Registrations under the head of moveables showed a falling off of 1,832 transactions, the number having decreased from 36,875 in 1890.91 to 35,043 in 1891-92.

Out of the total number of instruments registered in 1891-92, 6,023 deeds were executed to supplant old transactions against 5,809 deeds of the same nature executed during the preceding year, showing an increase of 214.

In the immoveable class in the case of sales, mortgages and leases relating to land alone there were registered in all in the year 37,753 transactions between agriculturists and agricalturists and 44,357 between agriculturists and savkars against 35,586 in the one and 39,384 in the other case in the preceding year.

The acrregate vaine of property afigeted by the dncuments registered amounted to Agzregne rixe of Rs. $65,49,74 z$ agrainst Rs $63,51,705$ in the previous year. The average value per transection, property affecter
 of Re 1-10-6.

Thetral amount of fee collections on acoont of the drawing up and registration of Fecrecipka. dents and of copies granter, ice, turing the past year was Rs, 47,342 against His. 45,059 in 1500.91, showing an increase of fis 2,253.

The expenditure during the year ander the several beads of charge amounted to Expeaditure Rs. 59,155 acrainst Re. 57,876 daring the year $18 \% 0-91$, showing an ineresse of Rs. 1,279 . The incresse was chiefty axtribatakle to the purchase of dead-stoek articles and the payment of larger fise commismions on increased fee receipts. The net financial result, taking into aceocnt $\mathrm{Pa}_{\mathrm{a}} 4,573$ (being the value of books and forms supplied by the Government Central Preas) was a deficit of Res. 16,35is against Rs. 16,042 in the year 1890-91; the deficit was therefore greater by Re. 344 than in the year before.

During the year under repart the Inspector General of Pegistration and Stamps visited and eramined the offices of 5 taluka village registmas. The registrars of Ahmerinagar, Porna, Sátíra and Sholapur carricad out the examinations of 23, 24, 20 and 10 otices respectively. The Inspectors of Rexistration and Stamps, 2nd and 3rd Divisions, respectively examined 1 and 10 oftices. The Inspectors of viliage registry offices, Ahmednagar, Poona, Satare and Sholípur examined 52, 54, 59 and 28 offices respectirely, some of these offices being visitsd by the Inspector more than once during the Fear. Revenue officers collectively during the year under report carried out 90 examinations of village registry ofess

Taking the two systems of registration togrother, the following are some of the semary of respits for $1591-92$ :-In all, inclading 1,362 wills and 2 authorities to adopt, 296,057 butia gysterie documents were registered; of these, exeluding wills and authorities to adopt, 255,057 related to immoreatide property of a stated ralue of $\mathrm{Ra} ~ 8,35,52,3$ un and $39, f 30^{\circ}$ to moveabde property of a stated value of Rs. $39,16,248$, total stated value Ras $8,74,68,548$. The groes expenditure under toth systems, incluciing a hypothetical charge of Ps, $21,33 \%$ for Hooks and forms, amounted to Ps $3,23,5,50$, and the gross receipts to Pis. $5,29,482$. The surplos for the gear under both Acts, therefore, amounted to Rs 2,0i,790. The gear's surplos under the Joint Sexek Companies' Aet amounted to Rs. 7,42\%, and, therefore, for the year 1591-92 the total surplus of the Fisgistration Department from all sources stood


## Jont Stoct Compasirs.

During the year, 615 doemments in all were registered, including the memorands and pegistration wricles of asocistion of the 26 companies and 1 society newly registered and 17 retarns merived under Section 4 of Act XXI of 1860, against 569 in the preeeding year, ahowing an incresse of 46 .

The foilowing table illustrates the financial results for the years 1890-91 and 1891-92. Finacial realtse It will be eeen that there was a surplos of Rs. 7,427-8-7 in favour of the department during the year under report, against lik 3,573-11-10 in 1850-91, showing an increase of 16. 3,453-12-9:-


Of the 25 companies registered dming the year, 9 were mills and pretses, 4 Clar of compasicen. banking and loan companies, and the remainder of other deseriptions. At the elose of the yerr there were 232 companies carrying on basiness, including those newly registered, acricat 219 , inclading the one which was registered and which went into liquidation in 15'jug. 9 . Everen exmpanies went into liquidation and 13 companies, which were in liquidation, were disolved daring the year, incloding the one company which was registered in 1ヶEf-c9 and dissolved during the ytar.

Five companies increased their capital during the year.
Capital.
The satijoined tathe exhilbits the details of each kind of companies earrying on Fatare of bosinger, with their nominal and paid-up eapitals. The paid up expital of the companies companier
newly registered is not shown, the lists of their shareholders not heving been received till the close of the year :-

| No. | Nature of Companies. | Number of Com. panten. | Nominel Capltal. | Padd-up Capital. |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Re. | Rs. |
| 1 | Banking and Loan Companies ... ... ... | 0 | 34,00,000 | 12,37,724 |
| 2 | Do. do. now ... ... ... | 4 | 8,75,000 | -1... |
| 3 | Trading Companies ... ... ... ... | 22 | 82,30,000 | 36,33,508 |
| 4 | Do. new ... ... ... ... | 2 | 6,50,000 | ... |
| 5 | Mills and Presses ... ... ... ... ... | 131 | 9,37,98,830 | 7,90,35,425 |
| 6 | Do. new ... ... ... ... ... | 9 | 34,05,006 | $\cdots$ |
| 7 | Tea, Coffee, Cinchona and othor Planting Companiea ... | 1 | 80,000 | 64,790 |
| 8 | Mining and Quarrying Company... ... ... | 1 | 8,82,000 | 8,69,370 |
| 9 | Do. new ... ... | 1 | 50,000 | ...... |
| 10 | Ice Manufacturing Companies ... ... ... | 5 | 14,27,500 | 10,53,905 |
| 11 | Other Companies ... ... ... ... ... | 37 | 2,07,82,400 | 1,81,43,896 |
| 12. | Do, new ... ... ... ... | 10 | 12,10,000 | .....* |
|  |  | 232 | 18,46,90,730 | 10,68,38,627 |

## Local Boards' Administration.

There were 6 District and 40 Taluka Local Boards in the Division. The former were presided over by the Collectors of the respective districts and the latter by the Assistant and Deputy Collectors in charge of the tálakns. The total number of members constituting the several boards was 728 against 729 last year; of these 11 were ex-officio, 390 nominated and 327 elected. There were 183 officials and 545 non-officials. The total number of meetings held during the year by the several boards was 257 as compared with 252 in the preceding year. The average attendance at each meeting was 8.2 against 7.7 last your. The balance at the beginning of the year was Rs. 7,86,152. The receipts during the year amounted to Rs. 12,92,169 as compared with Rs. $11,99,363$ in the year preceding. The total amount availuble for expenditure was thas Rs. 20,78,321 against Rs. $18,87,079$ in 1890-91. The following were the principal items constituting the income of the several boards:-Local cess (Rs. 7, 41,485 against Rs. 7,42,322 in the year before), road toll reccipts and miscellaneous receipts. The incidence of taxation per head of population was Re. 0-3-0, and that of income (excluding balance) was Re. 0-5-3 against Re. $0-8-3$ and Re. $0-5-8$, respectively, in 1890-91. The total expenditure amounted to Re. 11,85, 318 as compared with Rs. $11,01,407$ last yeat. The following were the chief items of expenditure:-Education Rs. $3,66,000$, medical relicf Rs., 45,130 , civil works Re. 6,92,555. Of the total amount shown under the head "Civil Works" Ks. $3,07,789$ were spent on works executed by civil agency and Rs. $3,84,786$ on works executed by the agency of the Public Works Department, as compared with Rs. 2,81,232 and Rs. 3,03,855, respectively, in the preceding year. Rs. $4,17,182$ as against Rs. $3,50,739$ were expended on the construction and maintenance of roads. The expenditure on water-bupply amounted to Ks. $1,57,640$ against $\mathrm{R}_{\mathrm{B}} .1,46,709$ in the preceding year- 22 tanks, 230 wells and 7 troughs having been constructed during the year, while 279 existing sources of water-supply were repaired and gencrally improved. Ris. 44 were expended during the year on removing prickly-pear and rank vegetation from villages. The year closed with a balance of Rs. $8,93,003$ agminst Rs. $7,85,672$ of the previous year.

There was no change in the number of Local Boards during the year, but the number of members ( 1,209 ) serving on them in the Division increased by 11 . The attendance of members showed a slight improvement, the average being 9 against 8.51 in the preceding year; and the improvement was particularly noticenble as regards the non-official members. The total income during the year, exclusive of the opening balance, was Rs. $14,32,382$ against Rs. 18,15,780 in the previous year. The largost items of income appeared under the heads "Proviacial Rates," "Education," "Civil Works" and "Contributions." The incidence of taxation per head of population was 1 anna 8 pies against 1 anna 10 pies in the preeding year-the expenditure, like the receipts, increased, being Ks. 13,17,365 for the year against M8. $12,36,081$ in the previous year. The largest items of expenditure appeared under "Education" and "Civil Works" as before. The opening and clowing balances of the year were Rs. $7,74,156$ and Res. $8,89,179$, respectively, against $\mathrm{Rs} .8,94,289$ and $\mathrm{Ks} .7,73,968$ in the preceding year. There was a steady
increase in the smonnt of expenditure in comnection with the improvement of water-supply. The amounts expended on other objects of village sanitation were inconsiderable.

There were in the Southern Division 56 Local Boards during the year 1891-92 against Eonthern Division 55 in the preseding year. The increase of one was nominal, and was due to the transfer of the Karjat Taluka during the year from the Thána District in the Northern Division to the Kolaba District in the Southern Division. Of the 56 boards referred to, 6 were District Boards having . 124 members, and 50 were Tiluka Boards having altogether 776 members. During the year the third triennial elections were beld in all districts in the Division. There were only 6 Taluka Brands, all in the Kanars District, to which, owing to the backward condition-of the population, elective franchise had not been extended. All the other boands were composed partly of nominated and partly of elected members. The proportion of voters who attended the poll to the total number of persons entitled to vote varied from 35.2 per cent. in Ratnágiri to 65.5 in Bijapur. All the District Boards fulfilled the requirements of the rule regarding the holding of half-yearly meetings. The Taluka Boards.held a fair number of meetings, except the Taluka Board of Bijápur, which beld only one meeting during the year. The number of meetings beld by the screral brards showed an aggregate increase of 17 as compared with the previons year. In the Kánara District the average attendance at District Board meetings was 50 per cent. of the tntal number of members. In Belgaum, Bijapur, Kolaba, and Ratnagiri it was higher; but in Dharwar it was lower than 50 per cent. The arerage attendance at Taluka Local Board meetings was fairly good, except in the case of the Taluka Boards of Chikodi, Rajápur, and Sancameshrar, where it was below one-third of the number of members. On the whole, the average attendance at meetings showed a perceptible improvement over the results of the preceding year. The year opened with a balance of Rs. $8,37,234$, exclusive of Rs. 2,678 on account of the Karjat Taluka; and the income of the boards amounted to Rs. 10,83,797 against Rs. $10,14,965$ in the preceding year, thus showing an increase of Hs. 63,832. Of this increase, Rs. 4,282 were on account of the Karjat Talnka Board. The receipts of the Local Fond Cess alone amounted to Rs. $5,96,4: 77$, or about 55 per cent. of the total income. 'The incidence of the cess per head of population was the ame ( 2 annas) as in the preceding year. Bat the incidence of the total income fell from 3 annas 10 pies to 3 annas 8 pies. The total expenditure amonnted to Ps, $11,69,407$ against Rs. $9,72,337$ in the preceding year, thus showing an increace of Pr. $1,90,070$; of this increase, Ks. 4,366 represented the expenditure incurred by the Taluks Local Buard of Karjat. The amount spent on education was ks. 4, 02,295 , or 34 per cent. of the total expenditure. The expenditure on civil works amonnted to Re. $6,11,636$, including a sum of Rs. $1,17,794$ छpent on the improvement of water-supply. Among the several works carried out during the vear, the tanks and wells newly dng or constructed numbered respectively 10 and 164 arainst 8 and 92 in the preceding year. The amount spent on famine relief in the districts of Beliraum, Dharwar and Bijapur, where famine was notified, was Rs. 19,568. The year cloeed with a balance of Rs. $7,66,302-0-8, i$. e., about three-fourths of the annual income.

There were in the year under report 5 District and 46 Taluka Local Boards in this province 8ind. against 5 and 43 , respectively, in the previous year. The Collectors of the districts presided over the former and the Assistant Collectors over the latter. The total number of the members, of which the several boards were constituted, was 650 against 629 in the previons year. Of the former 363 were nominated, 279 elected and 8 ex-officio; 122 were officials and the remainder private gentlemen. During the year, 397 meetings were held by the several boards as compared with 364 in the previous year, the average attendance at each meeting being $7 \cdot 53$ argainst $6 \cdot 26$ in the proceding year. The year opened with a balance of Rs. $4,99,54 \%$, and the receipts amounted to $\mathrm{K} s .8,05,350$ as compared with Rs. $7,51,969$ in the gear before. The total amount svailable for erpenditure was thos Rs. $13,04,892$ against Rs. $12,33,454$ in 1890-91. The principal soarces from which the income was derived were the local cess, police, civil works and miscellaneons contributions-the receipts under the first head named amounting to Re. 4,81,587 against Rs. $4,50,721$ in the previous year. The incidence of taxation and the incidence of income (ex: cluding balance) per head of population were Re. 0-3-1 and Re. 0-5-1 as compared with Re. 0-3-5 and Lie. 0-5-9 in the preceding year. The total expenditure amounted to Rs. $8,55,652$ against $\mathrm{Ka} 7,23,972$ in $1890-91$. A sum of Rs. $2,32,182$ was spent on education and Rs. $3,19,443$ were expended on civil works, while the chief remaining objects on account of which expenditure was incurred were "Contributions," "Miscellaneous" and "Scientific and other Minor Departments," while extablishment charges amonnted to Rs. 21,889 . The expenditure incorred on the improvement of water-supply was Rs 16,906 as compared with Rs. 24,523 in the previous year. A sum of Ks. 4 G 2 was spent on the conservancy of towns and villages, while the sum of Rs. 528 was devoted to sanitary arrangements at fairs and festivals. The closing balance at the end of the year whe Rs 4,49,239 against Rs. 4,99,542 at the end of the previons year.

## Municipal Administration...

## BOMBAY MUNICIPAEITY.

The opening of the Tansa Water Works on the 31st March 1892 by His Excellency Important eventa. the Marguia of Lansdowne, Viceroy and Governor-General of India, was the most important event of the year. The completion of these works removed all present apprehension as to the fufficiency of the water-supply of the city. $L$ demand was made by Government ons the 15th December 1891, that the Corporation should provide within one month hospiwal acornmodation for the reception and treatment of persons sufferiug from dangerous

[^8]diseases. At the close of the year the representation, which it was proposed to sabmit to the Government of India protesting against the action of Government, had not ber:n pros sented. In the same way a memorial to the Secratary of State on the question of the Podice charges was still under consideration at the close of the year. Building Bye-laws, as finally approved by the Corporation, were submitted for the approval of Government, but thry were returned for consideration of certain suggestions. At the close of the year they had not been disposed of. As regards the question of the location of the oatfall for the drainage of the city. Government finally decided that Warli should continue to be the place for the outfall. 'I'he Bank of Bombay having discontinued allowing interest on municipal deposits, the question of the banking of municipal funds was considered by the Corporation, and a reference was made to Government. The question was still under consideration. $\Delta$ representation to Government on the subject of the periods of repayment of the Tansa debt was acceded to by the Governor-General in Council. The Corporation wan represented at the International Congress of Hygiene and Demography held in London in August 1891, by Sir Charles Ollivant, K.C.IE., to whom the best thanks of the Corporation. were conveyed for the able manner in which he had advocated the clains of the Municipality upon Government in reggrd to facilities for raising loans required for the further improvement of the sanitation of Bombay. The award of Mr. Stevens, C.I.E, on the assessment of Government properties, was received. In accordance with the terms of this award, Government were to pay yearly to the Municipality the sum of Rs. $\mathbf{3}, 05,8: 39$ instead of, as heretofore, a yearly sum of Ks. 50,000 . During the year it was the melancholy duty of the Corporation to present an address of condolence to Her Majesty the Queen-Empress and H. K. H. the Prince of Wales on the occesion of the death of H. R. H. the Duke of Clarence and Avondale. An address was also presented to His Excellency the Marquis of Lansdowne, Viceroy and Governor-General, on the 31st March, on the occasion of his opening the Tánsa Water Works. The second triennial election by the rate-payers was held on 25th January 1892.

The opening workable balance (including recoverable advances and excluding deposits and minor adjustment items) was Rs. $17,29,270$, or Rs. $12,99,270$ more than the budget estimate. Of this amount, the sum of Rs. $5,49,482$ represented the unexpended balance of lapsed grants for 1890-91 renewed in 1891-92. Deducting this sum, and reserving $2 \frac{1}{2}$ lakhs temporarily paid out of surplus cash balance for Victoria Garden improvements as sanctioned by the Corporation, the remaining surplus of Rs. $4,99,788$, not having been appropriated during the year now under report, formed part of the opening balance of 1892-93. The revenue exceeded that of $1890-91$ by Rs. $2,23,521$. It fell short of the estimate under certain heads by Rs. 1,00,384, and ander other heads it was better than the estimate by Rs. $4,15,412$. The total rovenue of the year was Rs. $60,84,703$, which was Rs, 3,1i, 029 better than the estimate. This excess was principally obtained from general and halalkhor taxes, tax on vehicles and animals, tobacco duty, licenses, miscellaneous receipts, interest and profit on invested funds, \&c. The following tables show the main heads of revenue and expenditure as compared with the budget estimates for 1891-9\% and the aotualn for 1890-91:-

| Stoman | Revenue. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Actuasin for } \\ & 1890-01 . \end{aligned}$ | $\begin{aligned} & \text { Ertimute for } \\ & 1801-22 . \end{aligned}$ | Actuals for |  |  |
|  |  | - |  | Increate or didarean. | Incronte of decreand |
| Gencral Tax ... ... ... ... ... ... | $\begin{gathered} \text { Rs. } \\ 10,90,277 \end{gathered}$ | $\begin{array}{\|c\|} \text { Rs. } \\ 17,38,800 \end{array}$ | $\begin{gathered} \text { Re. } \\ 10,10,0_{445}^{\prime \prime} \end{gathered}$ | H. $+2,29,068$ | R8. $+1,80,545$ |
|  | 11,48,198 | 12,20,700 | 11,81,429 | +82,231 | -39,331 |
| Halallihor Tax, inclading rooeipta for special sorvica. | 6,27,222 | 8,48,000 | 6,65,877 | + 28,655 | +7,877 |
| Wheel Tax and Toll Foes ... ... ... ... | 3,60,648 | 8,00,700 | 3,42,078 | -13,675 | +33,278 |
| Town Dutiee ... ... ... .i. ... ... | 0,70,620 | 9,00,000 | 8,40,222 | -1,39,298 | -69,778 |
| Receipta from Governmont for Liquor Licenses and Tobecoo Duty ... |  |  |  |  | - |
| ... ... ... ... ... | 3,24,03 | 8,11,550 | 8,29,901 | +6,867 | +18,351 |
| Market Rectiptu... ... ... ... ... ... | 3,29,276 | 3,47,380 | 8,46,105 | +16,529 | -1,275 |
| Retarns from other Property and Miscollaneous ... | 5,05,007 | 3,03,485 | 0,68,851 | +63,844 | +1,75,366 |
| Total ... | 58,61,182 | 67,69,675 | +60,84,703 | +2,23,621 | +3,15,028 |

Chap. III.
PROTECTIOK
Expenditure.

| rue debitalto to exrment reverus, eveduatre of | Acturulif for | Pettmate for | Artale for | Actrasie for $1801-42 \mathrm{com}$ parad with the 2000-01. | Actanle for 1mot-pe corrparod with the 160149 $1601+2$. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Incriate or decreeno. | Increase Or decreme. |
|  | Re. | R. | B. | Rs. ${ }^{\text {- }}$ | Re. |
| Oencral Saperintendence | 1,82,198 | 1,96,316 | 1,91,028 | +8,830 | -5,288 |
| Amommoat and Colloction Department ... ... | 2,23,854 | 2,52,400 | 2,41,003 | +17,149 | -11,447 |
| Fire Brigade ... ... ... ... | 1,29,291 | 1,44,296 | 88,671 | -40,620 | -55,625 |
| Public Gardens ... ... ... ... | 87,805 | 1,14,324 | 77,224 | -10,581 | -87,100 |
| Pablic Worke, Ordinary ... | 15,09,414 | 18,06,198 | 14,71,153 | -38,261 | -3,35,045 |
| Da. New ... ... ... | 79,084 | 2,81,562 | 1,14,564 | +35,480 | -1,66,998 |
| Pablic Health Department ... ... | 13,02,064 | 14,44,942 | 12,82,529 | -0,535 | -1,52,413 |
| Municipal Debt .re ... | 15,52,138 | 19,08,392 | 16,37,405 | +85,267 | -2,70,987 |
| Police ... ... ... ... ... | 2,58,285 | 2,68,617 | 2,50,285- | ...... | -332 |
| reducation ... ... ... ... | 68,646 | 87,216 | 80,722 | +12,076 | -6,494 |
| Hospitala and Disponnarias ... ... | 38,601 | 56,288 | 50,254 | + 11,683 | -6,004 |
| Pensions, Gratuition, and Compasaionsto Allowances | 32,117 | 34,152 | 33,890 | +1,773 | -262 |
| Mincellaneous ... | 89,534 | 1,38,329 | 1,33,928 | +44,394 | -4,401 |
| Total | 55,53,031 | 67,23,083 | 56,70,686 | +1,17,655 | -10,52,398 |
| Loan Worka | ... | -. | 34,20,539 | ..... | ...... |
| $\cdot$ |  |  | 90,91,225 | *** |  |

It will be observed that the general tax yielded Rs. $2,29,068$ more than in the previous Remarkn on year and Rs. $1,81,545$ more than the budget estimate, owing to Government having paid Revenue. Re. $1,66,958$, the balance of the amount due by them in respect of their properties for the past three years (1889-90, 1830-91 and 1891-92) as per revised valuations prepared by Mr . Stevens and fixed under the provisions of the Municipal Act. The revenue from water tax, including other miscellaneous water works receipts, was greater than that of the previous year by Rs. 32,231. It, however, fell short of the budget estimate by Rs. 39,331, owing to there being a large outstanding at the close of the past year. The yield under haldihhor tax was greater than in the preceding year by Rs 28,655, and Rs. 7,877 in excess of the budget estimate, chiefly owing to enhanced rates levied from lat October 1891 for special service. The receipts from wheel tax and toll fees were less than those of the previous year by Rs. 13,675, as the collections for 1890-91 included 21 months' receipts on account of public conveyances. They, however, exceeded the budget estimate by Rs. 33,273, of which Rs 7,511 were obtained under private conveyances and animals, and the balance under public conveyances, in consequence of about 1,830 new labour-carts having been licensed on account of the large increase in the wheat trade. Town duties realized Rs. $1,39,298$ less than in 1890-91, and also Rs. 59,778 less than the estimate, owing to the falling off in the importation of sugar. The increase of Rs. 18,351 over the estimate for tobacco duty collections, which were also in excess of those for the previous year by Rs 5,867, was due to an under-estimate of the revenue under that item. The decrease of Rs. 1,275 on the estimate for market receipts, which, however, exceeded those of the previous year by Rs. 16,829 , was due to the estimated recoveries on account of stall rents and squatters' fees, weights and measures testing fees, and Bandra fair ground and feeding fees not being fully realized. The receipts from other property and miscellaneous exceeded those of the preceding year by Rs. 63,844 , and were higher than the estimate by Rs. $1,75,366$, principally owing to interest having been derived on invested funds in excess of the estimate by making advances from current revenue for loan works expenditure, and thereby keeping the invested loan funds and interest bearing deposits intact for as long a period as possible, to advantageous sales of some of the securities on opportune occasions, and to increased realizations under license fees, public gardens, miscellaneous fines and receipts. The net increase of the past ycar's income over the actuals of $1890-91$ was Rs. $2,23,521$.

The actuals were in all cases less than the estimate, leaving an mexpended balance of and ExpenditureRs. $10,52,396$ at the end of the year. Out of this sum, Rs. $5,44,728$, representing the cost of unpaid liabilities and of works deferred, are required during the current year. The actual saring on the estinates was, therefore, Rs. $5,07,668$, which was principally effected on the following items:-(1) Engineer's Department-Rs. 1,96,232; (2) on new works and surveys Rs. 25, 255 ; (3) Health Department-Rs. 1,43,193; and (4) municipal debt-Rs. 94,057. The net excess of expenditure over the previous year's actuals was $\mathrm{KB}, 1,17,655$,

Chap. III. PROTEOTION. Municipai Loane.

The following statement exhibits the expenditure during the past five years on the principal loan works in progress:-

|  | 1887-89.* | 1839-80. | 1889.80. | 1690-91. | 1/01.92. | Trem. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | s. | Rs. ${ }^{\text {a }}$ | Ra. an P- | Ru. A. P. | Re. ©. P. | B. A D. |
| Tineer water Work -: |  | $24.98,887$ <br> $1.13,085$ <br> 15 |  |  |  | 1,57.77.74 6 <br> 5, 円3 3:1 3 |
| Other Water Works .. $\quad$ :- |  | 1,13,1030 1311 |  | 4,13,119 121 | $4 \times 35.244^{6} 8$ | 1-4, |
|  | 27, | $2.11,1488$ | 2,14, $\mathbf{B}^{\prime} 12140$ | 24.004 148 | 1,71,4i4 96 |  |
|  | Cr. 76.7858 | 2, 4,165 118 | 46, 1518 | 1,00,818 81 | $4,64,74211$ |  |
| Mioor Sanitary and other Works | 1,676 1510 | $38,004+8$ | 2,10,635 \& 4 | $8 . \mathrm{ms} 07$ | 1,65,434 20 | 4,04, nez 12 o |
| Total | 23,68,840 10 of | 31,09,006 1210 | 4,07,888 011 | $40,77,741 \leqslant 11$ | 34,20,530 \% 4 | 1,19, $0^{2}, 6: 0$ LS |

The statement given below shows the financial position of the Municipality at the beginning and end of the year respectively with regard to the various loans raised from the pablic and borrowed from Government:-

|  | Malanco due on 1st April 18di. | Amount ralined in 1601.42. | Total | Amount repaid in 18w1-42. | $\begin{aligned} & \text { Malanoe } \\ & \text { drio on Sint } \\ & \text { March Ssua. } \end{aligned}$ | Interent fold in 1801-42 | Thtal $x$ molunisa 4 sind a. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - i | 1 | 8 | 3 * | 4 | 6 | 8 | 7 |
| Loane raisal from Gowernment. | It. | R. | Rs. | R\%. | Re. | Rs. |  |
| Vehir Wator Work Dobt | 27,10.888 | :3+ | 27,10,300 40,711, 9 yH | 6i,04n $1,4 s, 108$ | $\begin{aligned} & 20,42,390 \\ & 45.22,6030 \end{aligned}$ | $\begin{array}{r} 1,07,21.4 \\ 2,0,04,847 \end{array}$ | $\begin{aligned} & \mathbf{1 , 7 5 , 2 0 0} \\ & 3,76,752 \end{aligned}$ |
| Conmolldatad Loan ... | 4,70,198 |  |  |  |  |  |  |
| Totel of Loans rulacd from Cort. | 73,81.344 | **** | 33,81,364 | 2,18,001 | 71,68,273 | 3,36,761 | 5,31,883 |
| Loanc ratiral from the Public. |  |  |  |  |  |  |  |
| Houserato and Market Loans of 1887 and 1809 |  | $\ldots$ |  | Only Re. | 1,5n0 remain | unpald, * |  |
| Drainare Loan of 1ste (Ra, 20,04,00) | 23,44,000 | ....* | 20,44,000 | + $\mathbf{3 0 , 5 0 0}$ | 20,07,000 |  | 1,50,907 |
|  | 38,99,007 | .... | 88,97,000 | .... | 88.00 .600 | 1,97.776 | 1,87,755 |
|  | 7,00,000) | …… | 7.100 .000 |  | 7,00,100 | 28.65\% | $\text { Nux } 437$ |
| Tho Tancs Water Worke Laantlif tarkhs) ... | 1,72,00,000 | 26,00,000 | 1,47,00,000 | - ...... | 1,47,00,000 | ${ }^{*} 0,80,7 \mathrm{ll}$ | $8,60, i 60$ |
| Tho Drainage and Wator Works Lown of 1848 ( 12 likhs) | 12,00,000 | ...o... | 12,00,000 | \% | 12,00,000 | 57.187 | 67,187 |
| The Jiscelleneous Wirks Lonn of 18ks nud 1 RRy (Dradiagy and Wat.r Works, Marketa and Roady of Ita $10.04,505$ | 10,08,000 | ....* | 10,08,500 | * ...... | 10,08,500 | 60,525 | 50,428 |
| Abrlpada Hounc sullige Water Connections Loan of Re. 2,48,100 of ! 849 and Lfive .. | 2,48,000 | ...... | 2,49,000 | t..... | 2,48,000 | 12,400 | 12,400 |
| 35 Lakhs Various Banitary Works Loan of 18 po <br>  | 38,47,000 | $\begin{array}{r} 89,0001 \\ 8,00,090 \end{array}$ | $\begin{aligned} & 85,00,000 \\ & 8,00,000 \end{aligned}$ | 1 $\ldots$...... | $\begin{gathered} 8,00,100 \\ 8,00,100 \end{gathered}$ | 1,31, ${ }_{817}$ | 1,31,898 |
| Total of Loans ratued frow the Publla | 2,50,40,800 | 93,53,000 | 2,83,00,601 | 86,800 | 2,83,08.000 | 11,64.230 | 12,00,780 |
| Grand Total | 3,43,27,464 | 33,10,000 | 3,67,80,884 | a 3,43,601 | b3,66,28,279 | $c 14,70,431$ | 17, $2 \mathrm{~L}, 492$ |

 balance of ILs. $1,50 \mathrm{~s}$ at the clowe of the year owing to the bond haldern 1 aving lost the debenturca. The latter sum lian lwan dejosited with



 for the paymeot thareot.
 okiog Fuad for tholr repaycasut has bean investod as under:-

| 1 | Amount of sinking Fund Inveaved up to 1600.vi. | Batanco of Jubt Insial. tnenten for 2511002 | Intareat accumulation for 1401.20. | Total. |
| :---: | :---: | :---: | :---: | :---: |
|  | 14. | 1 n. | P1. | Fts. |
| 4 Leklue Ranltars Worke Inanim ... ... | 2,17,230 | 62,080 | 11,278 | 2,90.048 |
| 12 do. Drainake and Wiater Workn Lomn. | 38,422 | 11,160 | 1.7:8 | 40,150 |
| Lsan of tanitary Worky Leran | 18,907 | 0,000 | 96 | 20,767 |
|  | 17,016 | 8,800 | 008 | 37,516 |
|  <br> st Lakli Various sanitary worka Löan .... | 2,100 | $\begin{array}{r} 2,200 \\ 20,1000 \end{array}$ | $\begin{aligned} & 387 \\ & 704 \end{aligned}$ | $39.704$ |
| Total | 2,40,843 | 1,19,0:0 | 16,818 | 4,24,748 |
| 6 pay sent. Mrinicipal Bonde at pardenoul |  |  | ,846 |  |
| With the liank of Boniber, ... ... | 2,80,800 |  |  | . $=4,21.500$ |
| Carr du do. :... - | 883 |  | 135 | $=$ 215 |












The number of properties on the Assesment Book at the ciose of 1891-92 was 51,135 Regitration ensingt 5,573 in the previons year, or an increase of 262 . The details are contrasted in tie following table:-


In the year under report, 489 baildings were demolished, while 541 new bnildings were trecterl and 210 existing properties were sub-divided. The recorded gross value of these properties for the year under report was Rs. $2,85,80,023$, against Rs. 2,82,27,355 in 1890-91, showing a net increase of Rs. $3,52,668$, accounted for as follows:- 1 .


The demands for the year on scoount of property taxes are shown, together with those Property ratenof the previous year, in the following statement :-

|  |  |  |  |  | $\begin{gathered} 1890-91 . \\ \text { R. } \end{gathered}$ | $\begin{gathered} 1891-92 \\ \mathrm{Rg} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| General Tax | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 17,93,975 | 18,64,249 |
| Wiene Tax .... | ... | ... | $\ldots$ | ... | 11,27,499 | 11,99,219 |
| Halaikbor Ceme ... | -* | $\cdots$ | ... | ... | 3,5-4,424 | $5,66,623$ |
|  |  |  | Total |  | 34,75,898 | 36,30,491 |
|  |  |  | Netin | $\cdots$ | 1,54,193 | $\cdots$ |

The total demand, on sceount of property tares for 1891-92, amounted to Rs. 37,41,21! to which must be added Rs. 70,359, demands on account of previous years, making a total demand of Bs. 38,11,570, as against a total demand of the previous year of Rs. 34,94,816.

The following table gives details of the amounts which had to be collected daring the collectiona. year 1891-92:-


The rpening outrtanding balance on ccount of this tax was Rs, 19,852. The demand Tax on vehicte Eif the year ending 3lst December 1891 was Re, 1,68,949, as against Rs. 1,66,275 for the and animals E 7 41-13
qrevious year, and bills to the extent of Rs. 1,324 were issued on account of tax due for former years, so that the total demand was Rs. $1,00,125$. The amount actually collected during the year was Rs. $1,69,411$, as against a collection of Rs $1,56,606$ in the previous year.

The reccipts from miscellancous revenae in the year under report were Rs. 13,517, against Rs. 12,843 in 1890-91, while the total amount of refunds for which certificates were granted on account of vacancies and over-collections under all heads amounted to Rs. 17,193.

The books and balances of the whole of the ward clerks in the seven ward offices of the city were duly examined at the end of each quarter, and the bills were checked in detail and compared with the Head Office accounts. The assessment books in the Head Office were also examined with a view to ascertain that no property liable to pay taxes had escaped being charged. The books relating to the collection of taxes on vehicles and animals were also esamined and the entries checked. 5,523 claims for one-fifth drawback were reeeived and scrutinized. 5,284 entries on account of increase or decrease of valuations were checked, and 75 per cent. were traced through all the assessment and collection accounts. One thousand, three handred and forty-five complaints against valuations were heard, and the decisions on 222 cases of complaints against amendments under Section 167 were scrutinized. The revenue receipts or vouchers of the following departments were also examined and chocked :-

|  |  |  |  | No, of Resciptas. |  | Amount Rs. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Marketa and Slaughtor-houses | ... | - | ... | $\cdots$ | 13,517 | 2,71,804 |
| Health Department ... | ... | *.. | ... | ... | 24,417 | 74,704 |
| Engincers do. ... | ... | $\cdots$ | ... | -.. | 8,813 | 34,361 |
| Victoria Gardena | ... | ... | ... | ... | 53,320 | 8,2E0 |

In the Licensing Department each of the 4,086 licenses granted was scrutinized with respect to the amount of the fee leviable. The number of claims for refund sanctioned after examination, on account of vacaricy or over-collection, was 1,010 , amounting to Rs. 20,241.

The total collections for the year amounted to Rs, 20,35,538, as against Rs. $17,67,74 \mathrm{~S}$ in the previous year, or an increase of Rs. 2,67,790. 'I'he very large decrease of Rs. $3,01,524$ took place in the item of sugar, but on the other hand the item of grain of all sorts showed an iucrease of Rs. $5,04,723$. The amount of refunds sanctioned showed an increase of Rs. $4,54,345$ over the amount sanctioned last year. The net revenue derived from the duties during the year was Rs. $7,69,539$, agaiust Rs. $9,50,095$ in the previous year, or a decrease of Rs. 1,86,556.

The existing machinery at the Love Grove Pumping Station was kept in as good working order as its character admitted of. During the year it was decided that new machinery should be purchased. The purchase of coal direct from the importers, instead of as before from contractors, proved an advantageous arrangement to the Municipality. Progress was made in house connection work in various drainage sections. Government finally decided that Warii should continue to be the place for the outfull of the drainage of Bombay. Several new latrines and urinals were erected, and several were in course of erection. The several drainage sluices were worked satisfactorily, and the work in miscellaneous drainage, of repairing, altering, constructing, cleaning, and flushing sewers and drainy was well done.

The Tánsa water works as a whole were opened at Chinchpaogli in Bombay by His Ercellency the Marquis of Lansdowne, Viceroy and Governor-General of India, on the 31stMarch 1892, and the regular supply of Thnsa water to the city commenced from that day. These works were begun in January 1886, and thus took six years to complete. The cost was nearly one crore and a half. The supply from Tansa will be 20 or 21 million gallons of wnter daily instead of, as originally estimated, 17 million gallons. The dam at 'Tansa, the last stone of which was laid on the 3rd April 1891, is nearly two miles long, the largest masonry dam in the world. the area of the lake is nearly six square miles. A rainfall of 40 inches is sufficient to fill the lasce, so that even in the driest senson no apprehension need be felt as to the sufficiency of the wahr-supply. The duct, which from the dann at Tansn to Chinchprogli in Bombay, is 54 miles aud 2,407 . fect, contains about 23 mides masonry conduit. 27 miles of iron main of 4 feet diameter, about 4 miles of tunnels, and something less then a mile of iron girder bridges. The total quantity of masonry in the dan is $11,020,122$ cubic feet. The crest of the waste weir is at R. L. $405 \% 0$. This level gives a depth of 115 feet against the water face of the dam in the bed of the river, and a depth of 25 fect from crest of waste weir to sills of the lowest outlet sluices. The rainfall for the year was $82 \cdot 65$ inches, but on the 3uth July 1891, when the rainfall had amounted to only $45 \cdot \mathbf{4}$ inches, the lake filled, and water flowed over the waste weir. At the end of the year ( 31 st March 1802) the water stood at R. L. 401.74 or $8 \cdot 26$ feet below the erest of the waste weir. The duct from Tánsa to Ghat Kopar was finished by Ist February 1soy. The total length of this portion of the duct is 45 miles and 864 feet. A favourable site on the 6th mile was secured where, in view of future possible filtering requirements, filter-beds can be
onnstracted. The bess of water in transit is slighty over 1 per cent. The duct-an iron main of 4 fett diameter-was finished on the 2ith December 1891.

The rainfall for the year was 89.87 inches, or about 10 per cent. above the average. Vemar. The lowest level of the water was on the 27 th June. The lake was benefited from the 2nd September to the 3 rid October by the overflow from Tulsi-the quantity received being estimatel at ahmat toy millions of gallons. The lake did not overtlow, but on the 1st October it was at $26.3 \%$, or within $0-20$ feet of ihe overtlow level.

The pamping plant worked very satisfactorily, and about 150 millions of gallons of Pawai. water were pumperl into the Vehár mains. The rainfall was $89-20$ inchés The dispate recpariling the value of the land acguired for the works was settled by the District Judge of Thána, who apheld the Collector's award of Rs. 1,12,433 for the land, plus 15 per cent. fisr ermpainory taking, plus 6 per cent. intereat for trees. Boundary stones were fixed to demancate the land. The necessity for maintaining the Pawai works ceased, on the completion of the Tansa water works.

The rainfall was $99-47$ inches. The lake commenced to overflow on the 2nd Septem- Tulai ber 14:1 and continued to do so op to the 2nd Uetober.

Works to rolace the leaksge of the reservoir were continued with satisfactory results. The joints of the wails in filters Nos. 2 to 6 were pointed with Indian patent stone, and the same material was used in pointing the joints of the walls of the channels and in covering tooth the forors and the tops of the walls. The walls of the distribating basin were re-pninted insile. The result of the work done at the filters was the reduction of the leais 3 er froma $1,10,530$ gallons to 5,557 gallons per day, that is, 95 per cent. of ihe leakage was suppeal.

The whole of the inner sarface of the outer walls was re-pointed with Indian patent Malabar hill stone. aud the leakage was mach reduced. The turbine for the supply of the high-level districtes worked satisfactorily.

The total length of new mains laid during the gear was abont 14,100 feet, and the renewal of old mains 2,391 feet. The principal work was the laying of a new $24^{\prime \prime}$ main from Chaupati along the Queen's Road to the Fort, for an improred supply to the Fort, Esplanade and Colala. The $32^{\circ}$ Vehar main under the site selected for the new Byculla Railway Station was diverted without a hitch of any kind. The number of free supplies, dipping wells, drinking fountains, icc, was at the close of the year 172. There were in all 14 S bants of pipes, of which 68 were of $3^{\prime \prime}$ and 27 of $4^{\prime \prime}$ pipes, 633 new connections were wade, and 219 services disennnected, the net increase being 479 , thus bringing the total ap to 15,113 , or an increase for the year of 27 per cent. The meters in ase at the end of the. year were 1,319 as assainst $\mathbf{1 , 1 8 4}$ for the preceding year, or an increase of $\mathbf{1 3 5}$.

The Draft Buildiog Bye-laws were, after being considered in detail by the Corporation, finally approvel, and sabmitted to Government for confirmation. Thes were returned for ennsideration of certain amendiments, and at the close of the year had not been disposed of There were $1, t \in 5$ applications for permission to build or re-build houses received, of which 1.119 ware pased. The remaining 356 were disapproved of on sanitary aild other grounds. There were 32 cazes of buildings or parts of buildings falling. Of these, 3 were of a terisus nature, in which 4 persons were injured, but no one was killed. Street improvements or set-leackict to the extent of $8,757 \cdot 25$ square yards were effected at a cost of Rs. 1,32,725. Iranicipal baidings and works completed or under construction during the year were as follows:-

Complect. Cader Conatruction.
Sai-irz the level of the ground of the Arthar Roed Halakhor chawla in Khursetji Satiaji Street.
Hiat eai I Bancalow and ont-hoaren for the Superiatendent, Fitis in monicipal gronnd near the Elphinstose Roed Gitrih.

Not revl frum Jaisaria Bandar to Siwri Cemetery.

Victoria Gardens.
Refreshment nom for Victoris Garilens. Chawl for Staff at Lore Grove Pumping Station.

Sativiactory progress was made in the work connectel with the new Municipal Offices.
The area of roulway repaired during the year was $s s s i, 909$ square feet, at a cost of Rocie
Ri. 434.41 . Fontpaths were pared with blue stone to the extent of 81,343 square feet; and with Indian patent stone to the extent of 97,781 square feet. The construction of the mai from Jakarin Bandar Hoad to Siwri Cemetery was completel, and several other projects were under ennsideration during the year.

The zas li,jhting of the city was on the whole satisfactory. The illuminating power Lightiog. of th: z was np to the contract standard. Of the 1,044 whole-month lamps, 472 were on ti.e 1-t IJarch 1-2, converted into part-month lamps Ninety-five new lamps were put ap in vari, cus mats of the city. The tral number of gas lamps at the end of the year was 3,614 . Tae k-romise onl lighting was carried out departmentally and was more satisfactory than in suy of the previgus years in which the lighting was carried out by contract. The total ucinime rif lerusine lamps at the end of the year was 1,434 .

Unring the year consilemble improvement was efiected in the brigalle. New roles Fire Bricano wire fraucd for its working, and the men were onastantly trained and instractel in the


Public Health.

Licenses.

Street accidente

Education.
use of the fire-extinguishing appliancea. Three new telescopic lailders and two mennal engines were obtained from England, and gave satisfaction. Instead of a loan of $5 \frac{1}{2}$ Kkhs at I per cent. sanctioned on the 9 th February 1891, the Corporation sanctioned the raising of a loan of $4 \frac{1}{2}$ lakhs at 4 per cent. to defray the cost of providing Fire Brigade quarters in the city. There were 127 tires during the year, and the damage to property was estimated at Rs. 75,903 . In the fire which took place at Chakla Street on the 13th March 2 lives were lost.

The state of the public health during the year under review was unfavourable. Information respecting births, deaths and vaccination is given in Chapter VI of this report and appendices. The returns of mortality from the chief death causes showed a decrease in small-pox and accidents, and an increase in cholera, measles, fevers, phthisis, disenses of the nervous system, of the respiratory system, diarrhcen and dysentery. The death-rate was highest amongst the Bhatias, Hindu low castes, Jains and Lingaets, being 40.42, 42.50, 42.73 and 47.19 per 1,000 of population, respectively. It was lowest amongst the Europeans, Jews, Parsis, Native Christians, and Brahmins, being 18.60, 20.91, 23.28, 23.52, and $23^{\circ} 66$, respectively. The sections of highest mortality were Kamathipura 44.41, Parel 43.21, 2nd Nágpáda 42.41, Khára Taláv 40.28, Umarkhári 38.57, and Chakila 38.26, and the lowest, Fort (South) $3 \cdot 79$, Mahalakshmi $13 \cdot 16$, Sion $15 \cdot 81$, Chaupáti 15.72, Warli 13, Esplanade 17.38, and Walkeshwar 17.85 . The Leper Asylum at Mátunga, referred to in last year's report, was open for the admission of patients in November 1891, and proved itself a most useful institution. On an average 4,251 men and women, 907 scavengering and drain carts, and 198 night-soil and cesspool carts were at work each day. The collection of garbage was greater than in the previous year by 3 tons a day. 310,362 tons of garbage, equal to 850 tons a day, were collected and removed and 142,564 tons of night-soil, equal to 390 tons a day, were collected and removed, while 191 miles of covered drains were opened and cleaned.

The amount actually collected on account of license fees for the year was Rs. 46,383; remaining uncollected Ms. 5,410-total Rs. 51,793 . 'The amount for the previous year was Rs. 36,417. There was thus an increase for the year under report of Rs. 15,376. The number of prosecutions conducted was 4,663 , as against 2,676 in the previous year, or an increase of 1,987 . This increase was due to the fact that last year the persons on whom notices were served were allowed 8 days within which to apply for licenses, but for the year under report only 4 days were allowed.

The number of persons injured and killed by conveyances in the public streets was 510 and 30, respectively. The accidents occurred chiefly in the Frere, Bhendy Bazar, Kafleq devi, Falkland, and Parel Ronds, and in Abdul Rahman Street. The number of street accidents for each of the past five years is shown in the following table:-

| Ysar. |  |  | Mo. injured. | No. killod. | Totais |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1887-88 ... | $\cdots$ | $\ldots$ | 384 | 31 | 395 |
| 1588-89 ... | ... | ... | 466 | 24 | 490 |
| 1889.40 . | -.' | . | 391 | 30 | 421 |
| 1890-91 ... | ** | -. | 5017 | 38 | 040 |
| 1891-92 ... | . ${ }^{\prime}$ | ... | 010 | 30. | . 540 |

The subject of education is dealt with in Chapter VII of this report. The Corporation asnctioned Rs. 51,300 towards primary education, an increase of Rs. 11,800 over the contribution of the previons year; and also made other grants, aggregating Rs. 32,380, towards female medical scholarships, the school for deaf-mutes, the veterinary and technical colleges, the Victoria and Albert Museum, and the egtablishment for Joint School Committee.

## District Municipalities.

The work of the District Municipalities during 1891-92, under the heads "Vital Statistics and Medical Services" and "Instruction" is described in Chapters VI and VII. Municipal water works are mentioned in Chapter VI (Sanitation).

The number of municipalities in Sind during the year 1891-92 was 26 as in the previous year. The total number of municipal conmissioners wos 361 , of whom 71 were elected and 290 nominated. The elective system remained in force in six municipalities. The triennial term of office of the Jacobabad Municipality expired during the year under report. Fresh elections were held, and cominations made, and the new board commenced their term of office from 1st April 1892. The prescribed quarterly general meetings were held regularly in all municipalities except Sukkur, where, owing to an oversight, only three such meetings were convened. The meetings of the managing committees were fairly attended. The aggregate income of the municipalities, exclusive of balances, amounted to Rs. 9,77,334, against Rs. $9,11,705(a)$ in the previous year, thus showing an increase of Rs. 65, 629. The increases in the-Karáchi, Hydersbbd, and Thar and Párkar districts were

[^9]Chap. III PROTECTIOA
part! attritatshle to larger imports of taxable, articles, and partly to the enhancement of duty on cirtin artich-s. The decreases in the Shikàpor and Ipper Sind Frontier districts wure ascriben to payments made on aconunt of refomds, which were in arrears in the previsct $y$ rar, and to a falling off in the importa of taxable articles. There was a forther inermaze in the amount of refonds granted by the municipalities. The rates were liberal and wers freely taken alrantage of. The incidence of manicipal taxation was Re. 1-10-1 $\mathrm{p}=\mathrm{r}$ bead of popnlation, acgainst ke. 1-13-3 in the previous year. The acgregate expenditure amounteri to Ris. $9,19,615$, against Re. $9,09,179$ (a) in the previous year, thus showing an increase of Ps 10, 13 万. The increase in the Karachi District was chiefly due to a larger expenditure on the construction of new roads, while that in the Shikarptr-District was due to oartain new marketn, slaghter-hooses, and sehool-baildings having been constracted. The decrease in the Hyderibad and Upper Sind Frontier districts was mainly due to the absence of several items of erpenditure, which ocearred in the previous year, such as the construction wroctryistations at the old Fuleli stone-bridge, and at Tando Gidu, and the construction of a well in onmmemoration of the Jobilee. The expenditure on pablic instruction amonnted to Rs. $1,63,957$, against Rs. $1,68,773$ in $1890-91$, thos showing a net decrease of Re $4, \bar{i} \times$, which was aceronted for by reduced expenditure on the oonstruction of school baildinys and repairs. The opening balance amounted to Rss $3,00,658$ (b), while the closing talatuce was Rs. 3,58,378.

The total number of municipalities in the Northern Dirision daring the year was 46 Northern Divisom againt 45 last year. The increase was due to the establishwent of a new municipality at Eirji,li in the Surat District. The total number of municipal commissioners was 602, arainat 5 is in $1500-51$, or an increase of 26 , which was due to (1) the reestablishment of the Parantij Manicipality, (2) the inclasion for the first time in this year's report of the members of the newly established municipality of Bardoli, and (3) the addition of 4 members to the Máhim Monicipality, owing to the inclasion of the village of Kelva within its livils. The quarterty meetings prescribed by law were held by all the manicipalities, exept those of Bereja, Uwarsad, Bavla, and Amod. The omission in the two first named was in consequence of there being no basiness to transact, winile in the two last named the meetings held were classed as special, until rules under Section 32 of the Aet had ben framed. The Ahmedabed Municipality held the largest momber of general meetings in the Livision ; the average attendance, also, in this manicipality improved, as compared wixh tast year. The attendance fell off in Broach, Surat, and Bándra. In the municipalities of Broach. Nadiad, Bassein, and Od more than half the number of members failed to attend two-thinds of the meetings. The total income of the several municipalities amonntof to Pa. 14, s1,143, a gainst Rs. $19,04,027$ (c) during the preceding year, showing a decrease of R. $4,22, \$ 94$. Omitting, however, the debt-accoant, which included sale-proceeds of Govemment securities, loans, deposits, and adrances, the result was a net increase of Rs 69,085 . The principal items, which contributed towards this increase, were tax on houses and lands, tolls, water-rate, conservancy, tax for the remoral of sallage water, sale-proceeds of lands and prodoce of lands, isc., fees and revenue from educational institutions, grants for educational porposes from Government, and grants for general and educational purposes from Local Yonds. The chief causes of the increase were as follows:-Enhanced rates of housetax were introduced by the Kaira, Dholera and Broach Municipalities; the tax was collectedfor the whole year in Kapadvanj; arrears of the tax were collected in Bándra; and for the first time the tax levied by the Bardoli Municipality was included. The revised rates of wills were in operation throughout the year in Surat, whereas, last year, they were levied for nine months only. The realizations from water-rate increased, owing to larger receipts from the extension of bouse-connections in Ahmedábed. The increase under conservancy was made up of small itemn, the principal contribotor being the Viramgan Municipality. The tar for the removal of suilage water was in arrears, and a large portion of this was collerted during the year. The purchase by Government of the manicipal police lines in Surat principally contribated to the large increase ander "Sale-proceeds of lands." The increase under the head "Fees from Eiucational Institations" was contributed by several manicipelitics, the largest amount being on account of the transfer of the local Anglo-Vernacciar School to the management of the Dholks Monicipality. The newly established municivalities in the Ahmedábad and Broach Districts received grants-in-aid from Government t virards the maintenance of the schools handed over to them. Contribotions were also made by Local Funds towards the newly established municipalities. On the other hand, there was a considerable dimination in receipte under the beads octroi, tax on animals and veficles pilgrim tar, grants and contributions other than those made by Government and Local fnnds, riscellanenss items, and loans. The decrease under "Octroi" was due to the abolition of the tax in Kaira, Kapadranj, Jambnsar, Mandri, and Bhiwndi, and to smaller ranizations owing to slackness of trade in Nadisd, Surat, and Ránder. The decrease under "Tax on vebicles" and "Pilgrim Tax" was due, under the former head, to the abolition of the whesi tax on carts peying tolls in Surat and, under the latter, to the pilgrim tax in Dakor having been levied last year once oftener than during the year nonder report. The

[^10]decrease under" Grants and Contributions other than those made by Government and Iacoal Funds" was due to the receipt, last year, of Rs. 8,000, presented by Mr. Byramji Jijibhai towards the construction of a school-house at Bhiwndi. Of the total income, Rs. $9,19,65 \times$ were derived from taxation, 47.5 per cent. being from indirect, and 52.5 per cent. from direct sources, the latter showing an improvement over last year. Eleven of the old and all the new municipalities, except one, levied only direct taxes, while four of the older manicipalities introduced direct taxation during the year. The incidence of taxation per head of population during the year was nlmost the same as last year, leing Re. 1-4-0, against Re. 1-3-11, and the incidence of total income was Rs. 2-0-2, against Rs. 2.8-6 in the preceding year. Refunds of octroi amounted to Rs. 32,222, against Rs. 27,132, thas giving an increase of Rs. 5,090 . The increase was chiefly due to larger amounts refunded in Broach and Surat. The latter municipality took steps to remove the duty on several articles. In Ránder and Thána $44 \cdot 1$ and $42 \cdot 9$ per cent., respectively, of the collections were refunded. The average consumption of the principal items of food per head of population in the municipalities in w. jch octroi was levied showed that the standard fixed by Government was exceeded in ${ }^{\text {? }}$ several monicipalities, the principal offenders being Broach and Anklesvar. The municipalities of Ránpur, Nadiád, and Surat were serious offenders only as regards metals.

The total expenditure of the year amounted to Rs. 16,08,008, against Rs. $15,73,060(a)$, showing an increase of Rs. $1,24,948$; but, omitting the debt account, the net expenditure amounted to Rs. $14,93,518$, showing an increase of hs. 47,954 . The increase was principally due to large expenditure on drainage in Ahmedabad, and on repairs to roads in Broach, which had been allowed to fall into disrepair, owing to want of funds in past years. Under "Schools and Colleges" also there was a large increase, owing to an additional expenditure in Ahmedábad, Mehmadabad, and Surat, and to the Hánsot Municipality having for the first time incurred expenditure on the maintenance of schools. Under "Interest on Loans" the increase was due to the payment of interest for the whole year on the loans received in the preceding year, and also of interest on the additional luan raised during the year. On the other hand, there was a decrease under "Water-supply," "Buildings," and "Other items," due to large expenditure having been incurred last year by the Alimedabad Municipality under the first head, and under the second by the Surat Municipality on the: construction of flood protective works. The decrease under "Other Items" was made up of small sums of various kinds, chiefly occurring in the Ahmedábad and Surat Municipalities. The work of registering births and deaths within municipal limits was performed ordinarily by the police, or by the karkuns at the octroi stations, and by the general establishment. The very large variations in the results recorded in towns, in which the conditions were almost the same, showed that the statistics recorded were not satisfactory. In all municipalities, except some of those recently established, bye-laws for the registration of births and deaths had been adopted, but the number of prosecutions instituted was very limited. The debt account showed that the Ahmedabad Municipality had to repay a loan of Rs. $10,64,500$, Nadiád Rs. 9,000 , Godhra Rs. 9,216 , Surat Rs. 1,80,000, and Thána Rs. 500. The total amount of outstanding balances to the credit of the several municipalities at the close of the year was Rs. 59,792 , against Rs, 51,287. Of this amount Rs. 28,571 were on account of house tax, Ks. 2,022 on account of wheel tax, Rs. 19,490 on account of conservancy, halalkhor and privy taxes, and Rs. 7,298 on account of the tax for the removal of sullage water, the remainder being on account of miscellaneous items. In Ahmedábád no less than 23,551 prosecutions, under Section 84 of the Municipal Act, were instituted during the year, of which 8,585 remained undisposed of at the end of the year. The opening balance amounted to Rs. $6,10,803$, and the closing balance to Rs. $3,93,938$, exclusive of investments in Government securities, in Ahmedábad, as a sinking fund.

The number of municipalities in the Central Division was the same as last year, viz. 63. The temporary municipality of Shingnopur in the Sátára District was not established, the place being brought under the operation of Section 45 of the District Police Act, and a new municipality was established at Otur in the Poona District, so that there was no real decrease or increase in the total number. The nuraber of municipal commissioners was 921 , against 917 in the preceding year, of whom 413 were elected. F'resh elections were held during the year, for the triennial period commencing from April 1892. The meetingsof the municipalities with only a few exceptions were fairly well attended. The total municipal income, exclusive of balances, amounted to Rs. $12,12,684$, or Rs. 44,814 more than in the previous year. The revenue from indirect, direct, and miscellaneous taxation increased by Rs. $14,712, \mathrm{Rs} .17,803$, and Rs. 15,201 , respectively. The increase was chiefly observable in taxes on houses and lands, water-rates, and tolls. An increase in octroi occurred in Poons City, Ahmednagar, and Nasik, owing to larger importations of grain, and to a stricter supervision by the managing staff. The incidence of taxation per head of tax paying population rose, under the three heads, from Re. $0-11-3$, Ko. $0-9.10$, und Re. $0-6-4$, to Re. $0.12-1$, Re. $0-10-1$, and Re. 0-6-7, respectively. The total expenditure during the year of report amounted to Rs. 13,70,370, or Rs. 59,601 more than in the previous year. The chief items of increase were "Roads," water-supply, public instruction, and hospitals and dispensaries. The outstanding balances of the several boards considerably decreased during the year, but Ahmednagar, Bhusával, Poona City, Sátára, and Sholápur were still in need of more' vigorous action in the matter of recovering arrears. The opening balance amounted to

[^11]Ghap III Froneicison

Rec 690,324 add the closing balance to Ro, 5,41,516. The former differs from the closing beiance of the previous year by Ras 185,979, owing to the inctusion this year of the amount inveaced in Givernment eecurities in the manicipalities of the Nasik, Poona, and Strita discrieta The large balanoess with the Jalgaon, Inulia, Yeola, Sant, Poona City, Eatitrs, Sboinear, and Paniharpar Manieipalities were intended to be epent on mater-supply and drainage schemer.

The anomber of muncipalities in the Soathern Division was, as in the preceding year, southen Divion. 50 ; of these 11, (3 in the Belgoum District, and 2 in the Dharwar District) were not in working order on the 31st March 1892 . The toxal number of members of the remaining 39 minieppalitiex incloting the 2 municipalities of Bhatkal and Honárar, in the Kinara District, which were newly brought into worting arder during the year under report, was 335 ; out of these 242 were clected. During the year, the general triennial elections were beld in all the manicipalities, except Guledgud in the Bijapur, and Bhatkal and Honswar in the Kinara District. As regards aitendence at general meetings, Hobli and Chiphfn tere the oull mamicipalities, where it was less than 50 per cent. of the total number of members. The managing conmittes of the munieipalities of Goksit and Rajapur held only six meetings. Several wumicpalivics friled to hold the quarterty meetings in the prescribed montbs. The agregite municipal income, exchnive of balances, amonouted to Rs $6,11, \underline{2} 3$, against Ra $5,71,196$ in $1800-91$, showing an increase of Rs $\mathbf{9 0}, 057$. This increase was, howerex, only nominal, as it was doe to the inclusion, in the imeome of the Hubli Mumicipatiry, of lis. $1,43,352 \mathrm{kent}$ to that body by Goremment for water works. The chief items of incrmee, in which the increase oceurred, were tar on animals and vehicles, tolls, saleproceeds of lands and produce of lands, be, fees and revenue from martets and slanghterhowen, granss from Govermment, other items, and loans. The revenne derived from direct taration amounted to Ras $1,38,751$; and that from octroi and miscellapeons sourees to Ras. $1.51,334$ and Re $1,51,437$, respectively. The incidence of taration per head of popala. tion was Re. 0-11-3, against $\operatorname{Be} 0-11-8$ in the year preceding. The aggregase expendituresamonted to Ras 5 fit 846 , agoinst Rs. $5,10,476$ in 1890-91, exhibiting an increase of Ras $853 \%$. A large increase of Rs 58,017 under "Advances" was doe to the money airanced by the Habli Musicipality to the Pablic Works Department, in conmectian with the constrnction of water works. The other items of expenditure, in which an inerease was nociceable, vere office establishments, eollection of tolls, police, water-supply, drainage, enoervaney, vaccination, boildings, and contribations. The above figures of income and expeadirure for the year 1890.91 do not correspond with those given in last year's report owing to the new diascification ordered to be adopted. The opening balances amounted to Ra, 2,04, 823 , and the closing balances to R5 2,17,230.

## Military.

Detriled statistics of the strength and cost of the Army will be found in Part III of this Streagtiof Army report. The tokal strength at the close of the year ending 31st March 1892 vas 39,367 combatants, of whome 12,952 were British and 93,415 Native troops. At the end of the previous year, the strength was 39,503 combatants, made up of 12,799 British and 26,704 Natives The total cont for the year 1891-92 wras Rs, 281,93,049 against Rs 2,77,18,782 in 1890-91.

| Aten | Hyleratued (Eind) | Peome | During the year 1891-92 | prection |
| :---: | :---: | :---: | :---: | :---: |
| Ansomatic | Kfapti | Quetict | His Excellency the Com- |  |
| Amparm. | Kintree | Reijuat | er-in-Chief proceeded |  |
| Bertern | Minsioleemax | Sambatpere | her-in-Cwiel proceded |  |
| Erat, | Minegta | Sisters. | tour and made an inspection |  |
| Batery | 30am Abs | Eitiondi |  |  |
| $\mathrm{Cram}^{\text {a }}$ | Aicpur. | Sarrat | e troops at the mang |  |
| Deversiz | Kemeneb. | zain | ally noted stations. |  |

Count Infonces-The armament of the forts progressed very favourably; several new Bogld Atileryguns were reeeived.

Practice-A practice camp was formed at Kirkee during the last cold season, at which 1 Hove and 4 Field butteries attended. Three companies of Garrison Artillery were brought to Kirkee for siege operations and annual practice.

Workothope-The Soldiess' Industrial Exhibition of 1891 (the 26th) was held at Poona Endizition is the morth of September. It was opened by His Excelleney the Commander-in-Chief and retanimed open for a period of eight days.

With a viem to improve the position of the Silledír Cavalry in the Bombay Presideney Fative Troopla the Seeretary of State sanctioned certain measures effecting a slight increase in their pay-

Ggmasatic instruction wes carried on systematically at the following stations in Gymatica the Preaidency:-Aden, Ahmednagar, Ahmedébád, Bombay, Deesa, Hyderitoéd (Sind), Karfechi, Kimptic, Kirkee, Mhow, Nasirsbed and Pocna. During the year, 7 officers, 154 soe-commimioned oficers and 3,793 men تere fully instructed in gymnasties; and 172
officers, 92 non-commissioned officers and 258 men were taught fencing, showing crease of 4 officers and 437 men in gymnastics, and 53 men in fencing, as compared last year's report, which was due to the introduction of the six weeks' in place one month's course. During the year, 58 British officers serving with Native regi underwent a course of single-stick practice and loose play, against 60 last year. B these, 20 non-commissioned officers from British corps were put through a special of six months at the Contral Gymnasium, Poona, and obtained certificates of qualifi as instructors. During the same period 1 nou-commissioned officer and 46 men from: corps were trained in a special course of four months at the above institution and obt certificates. The attendance at the voluntary classes in the gymnasia throughou Presidency was most satisfactory. 164 men were taught swimming during the year.

- Three classes of officers were instructed at Poona in the prescribed course of

Garrison instruction.

Maskotry.

Schools.

Military Worke.

Sanitaria.

## Hutting Native Troopm.

 military bridge-building.The annual course of masketry for the season 1891-92 was carried out. Owing change in the details of the practices for British troops, and in the system of awe points, a comparison between the figures of merit recorded in 1890-91 and those attair 1891-92 is not possible. A higher general standard of merit was-attained by the I troops. Two schools of musketry were held at Deviali. Of the 35 British officers, $38 \mathbf{E}$ warrant and non-commissioned officers, 22 Native officers, and 28 Native non-commis: officers examined, all obtained certificates, except one British non-commissioned office

British Troops.-The average of men on the books was 1,009 , with an average attendance of 507 or 56 per cent. Of these 861 were examined for school certificate: 693 or 80.4 per cent. were successful. This showed a slight improvement on the resul reported. T'he number of children on the books was 526 , with a daily average atten of 467 or $88 \cdot 7$ per cent. Out of 12,104 non-commissioned officers and men accounte in the returns received, 4,691 or 38.7 per cent. were in possession of certificates. I preceding year, 304 per cent. of the total strength held certificates. Six men of the Artillery attended the Battery Schoolmaster's course at the Royal Artillery Sch Kirkee ; of these 2 withdrew.

The record of examination in oriental languages passed by non-commissioned c and men serving with regiments was as follows :-


Native Troops.-The returns showed that the average number of men on the during 1891 was 2,835 with a daily attendance of 1,569 , or 55 per cent., the percent attendance being one higher than last year. These figures were exclusive of the Ca and Beluch regiments, which were not under the school regulations.

The number of school certificates awarded was 1,061, being 275 less than in th before. The total number of men accounted for in the returns was 18,139, and of ficated men 6,847 , showing a percentage of $87 \cdot 7$.

The average number of boys attending school was 1,399 , with an average daily a. anee of 1,161 , or $82 \cdot 9$ per cent.

Girls' Schools.-The number of girls under instruction was 361. This was 93 les in the preceding year.

Military Normal Bchool.-During the year 1891 the three classes in the school prised 23 men. Of the 7 students in class I, 5 qualified as Anglo-Vernacular schoolme and 2 as Verniacular schoolmasters only.

The strength of the Veterinary Department of the Bombay Army consisted of 4 ad trative and 9 exccutive officers. The condition of the horses and the stable economy throu was satisfactory. Of infectious and contagious diseases there was only 1 case of gle in the lst Bombay Lancers, a very limited outbreak of anthrax among the horses , 2nd Bombay Lancers and Poona Horse during their presence at the camp of instru Poona, and an outbreak of influenza among the horses of the Royal Artillery at Ahmec No fatal cases from this latter discase were reported.

Information regarding military works execated during the year will be found in 1 ter IV.

The acheme, referred to last year, of utilizing Devlali as a sanatarium for Who Kampti was sanctioned. A trial was made of Chickulda, in the Central Provinces sanatarium, but owing to the expense that would have had to be incurred and the dis from the railway station it was decided that the scheme should be held in abeyance.

A new soldier's institute was completed at Aden, and improvements were effect several other institutes.

The new Native Infantry Lines at the Crater Position, Aden, were nearly comp Repairs were being carried out in the lines at many other places.

Doriug the year it wrs decided to quarter a 3rd Garrison Battery at Aden. The regi- Changen of ment of Madras Cavalry stationed at Kámpti was withdrawn to the Madras Presidency. garrisona and The skeleton company of Royal Engineers at Kirkee was abolished. The 5th Bombay Cavalry supplied a detachment for Fort Sandeman. Malegaon was transferred from the Bombay to the Poona Command in exchange for Kbandala.

Nasiriluid.-Small partics of the 2nd Bombay Lancers and 19th Bombay Infantry Troops in aid of assisted to protect the grain depôts at Nasirábad from being looted during a slight dis. Civil power. turbance owing to the prevalent scarcity.
 the Civil authorities in the pursuit of certain dacoits in Káthiáwar.

The reliefs of $1891-92$ consisted of the moves of 6 companies Garrison Artillery, 8 field Reliefs.
batterics, 1 mountain battery, 2 regiments British Cavalry, 5 regiments Native Cavalry, 4 regiments British Infantry and 8 regiments Native Infantry.

The Bombay Presidency Rifle Association Mecting was held for the first time at "The riff Meeting. Sisters " Range, Dhanowrie.

A camp of exercise was held near the "Sisters Hills" at Dhanowrie during January 1892. Camp of Exercise. Ono battery Royal Horse Artillery, 3 field batteries, 3 regiments British Iufantry, 3 regiments Native Cavalry, 6 regiments Native Infantry and 3 companies Bombay Sappers and Miners took part in the naneeuvres. Three companies of Garrison Artillery took part in the siege operations, which were carried out in conjunction with the camp of excrcise.

Eleven voyages were mado by the Indian troop-ships. In addition, the colonial trooper Orontrs, the hired transports Avocu and Peninsular and the troop freight-ship Almora were each made use of once owing to the break-down of the troop-ship Mfalabar.

The cost of maintenance of cantonment hospitals at Aden, Ahmpdabad, Ahmednagar, Deesa, Devláli, Kámpti, Karáchi, Kirkee, Hyderábád, Mhow, Neemuch, Nasirabad and Poona was Rs. 27,264 , of which Rs. 22,332 were met from cantonment funds and the remainder defrayed by Government. Careful attention was given to sanitation generally.

The cantonment limits of Poona, Rajkot and Sambalpore were revised.
Troop-ships and Trooping.

Cantonment
Hospitals and
sanitation.

Daring the 10 . Cantonment limits. signalling, and were awarded certificates as instructors and assistant instructors respectively.

During the year, 32 men qualified as sigoallers at the Poona school for training British Electric Telegraphy. soldiers in electric telegraphy.

The following surveys were cairied out by the draftsmen and guides of the Topo- Surveys. graphical Department:-
(1) Country 10 miles round Kánupti
(2) Sambalpore Cantonment.
(3) Now mutes in the Nhow District.
(4) Town and conantry 10 miles round Berbera.

## Marine.

Bombay Shipping Office.
The following statement contrasts the operations of the Sbipping Office during 1891-92 Oparations of the with those of the previous year:-

Scamen.
Financial results.
Arrivals of vessels
at Aden and Perim.

Pilgrim Shipa.
Liglate.
Shipping Office.

Fees.
Arrivals of vessels at Aden and Perim.

Accounts.

There was a total decrease of 120 men in the number of European senmen shipped and discharged. The majority of these men were transferred from one argeement to another. The number actually discharged to and shipped from the shore was 300 , showing on increase of 5 men as compared with 1890.91 .

During the year there was again an increase in the number of Native seamen shipped $(30,621)$ and discharged ( 28,404 ), which reached the large total of 59,025 . Albout 12, 100 Native seamen from Bombay were constantly at sea.

There were 39 distressed European seamen dealt with as against 22 last year. Of this number 15 were from Mauritius and 11 from Calcutta and other Indian ports. The number of certificates fraudulently altered diring the year was 52 , as compared with 43 in the preceding year. This was the largest number ever impounded in a year, und the raising of the fee for the renewal of certiticates from Rs. 2 to Rs. 5 did not appear to have had the deterrent effect intended.

The total income of the Shipping iffice during the year under review amounted to Rs. 59,652 , and the total expenditure to iRs. 17,783 , leaving a net revenue of Rs. 41,859 , or an increase of Rs. 3,209 over the largest surplus yet obtained.

Aden.
A gainst 1,550 shipping arrivals at Aden last year there were 1,669 this year, including $1,5 \% 2$ merchant steamers, of which 1,000 were British. The arrivals at Perim rose from 587 to 956 .

Forty-eight pilgrin vessels called during the year with 30,468 persons on board against 52 with 19,080 last year. Only 168 pilgrims ombarked from Aden.

The light-houses and light-ship were maintainod in good order.
During the year, 34 European seamen were engaged and 53 discharged. The estaties of 2 deceased seamen were adjusted. Thirty-five men were sent to the United Kinglom. There were 1,549 Native seamen engaged and 1,126 were discharged. The estates of 14 deceased Native seamen were adjusted, and 5 men were sent to India.

The amount of fees realized and placed to the credit of Government was Rs. 2,899 against Rs. 1,469 in 1890-91.

## Bumbay Poit Trust.

The revenue and expenditure of the Trust for $1891-92$ wore as follows :-


The revenue realized was larger than in any provious year since the formation of the Trust.
Capital debt.
The capital delt of the Trust at the beginning of $1891-92$ stood at Rs. 4,03,70,035, of which Rs. $3,60,58,359$ were due to Government and Rs. $1,38,11,676$ to security nnil debenture-holders. Of the sum mentioned as due to Government, Rs. 2,66,96,907 hore interest at $4 \frac{1}{2}$ per cent., Hs. $87,80,226$ at 4 per cent., and Rs. $5,75,226$ bore no interest, In the course of the year the debt to Government was reduced by Rs. $2,52,351$ male up of saleproceeds of land and plant, the value of land transferred to Government for a wet lavin in connection with the Dockyard, and the balance of 1 lakh set nside annually for the reduction of capital debt or the construction of new works chargeable to capital. One-hnlf of these payments was applied towards the reduction of the 4i per cent. intcrest-hwrinit and the other half towards the non-interaxt-bearing debt. On the other hand, the Trusters received from Government during the year on account of the Victoria Dock Loan a sum of two lakhs of rupees. The Trustees' capital debt at the end of the year, therefore, stood at Rs. 4,93,17,684. The revenue reserve fund amounted at the close of the year to
R. $15,57,405$.

The income and expenditure of the Trust for the past four years compare as follows:-


Tha naciler of vesseis that entered the port daring the past fire gears was as fol-1GW5:-


The increase of stism tomagre of 155 vestels= 931,334 tross was due to the low rates for ine itit in Eurrpeasd the d-mand in Bombay for large shipments of wheat. The number an 1 vemange of oruntry craft iell ore in consequenct of the larger emplogment of steamers in trie oracs traie.

A entuparison of the quantities imported and exported of the more important articles Laport and expor during the yest two years sbows a decrease in piex-goodk, twist and yarn, sogar, ironnachinery, Eerosine oil, brailding materials, entcon, ad an increase notably in grain and also in ocal, seeds and gronod nats.
 more than in 1653-94. Owing to the large proportions that the grain trade assumed, the and abod remin arse oecupied for the temporary storage of wheat waiting shipment was very much more than noual. More land was also occupied for storage of coal, and the area let on lease was incteased ty 1,345 square yards. Godown rents also showed an improvement of Ps, 9,731 owing to the demand for storage acoommorlation for wheat, bat the receipts of the warebrases, whore grools are taken charge of by the Trustes at a weebly rate of rent per packače or ton, were less by ks. 1,:33.

Eight-bundred and twenty-two ressels entered the Doeks and 378 were accommodated Drek Aecocnte
 the numiser that entered the harborr. Taking the Docks by themselves, apart from the ntint properties of the Trast, the gross revenue for the year amonnted to Rs 23,65,357
 ainount expended on constructing Prince's Dock, excluding the value of the land, had reached Rs. $87,27,028$ on 31st March 1592 , and Rs. $85,74,261$ bad been spent on Victoria Duck, excluling the value of the land. The reventue under the head of "P Port Depart ment' ammanted to H5, $1,55,252$ acainst an estimate of Rs. $1,47,2-20$, which was an improvempat on the previous year's revenue of Rs, 8,03 .2. The expenditure was Rs. $1,99,2 \boldsymbol{2} 4$, bat inc!uctod sbree unosual items acreremating Ps 4S,951, riz. a contribution of Rs. 10,014 to the Eurspean General Hospital Findowment Fund; a contribution of Ps. 5,100 to the Soamen's Institnte ; and ks. $3: 3,451 \mathrm{~h} \in \mathrm{ld}$ in reserve on account of the maintenance of the Hartorar Police.

Pilotage and transporting fees realized Kr. 1,78. 944 ajainst an estimate of Rs. 1,64,733. Pibtage and The rosnit of the year's work with regard to the pilotage acenont was a surplus of transporting fees P3. 17 ,inst, which was added to the Filot Schooners' Heplacement Fund.

The expenditure upon revenue account was in 189ij-91 Rs. 43,49,650 and in 1851-92 Expenditare.
 and the actaal expenditare $\mathrm{P}, ~ 1,4,5,59$. On the bandar propertioi, including the land Statas, the exponditure was Rs 11,351 less than estimntefl, and Rs. 300 less than the
 in sundries. such as stationery and printing. cooly hire at warehouses, scavenging and varions windr woris ( 4 s . 5,557 , ) in all Rs. 27,035 . On the other hand, there was an increase of PE. 24,71 in the municipal taxes, of which part was for previous years. The expenditure at thi. Dreke was eximated at ks. $11,04,244$. and the sums actually expended amounted to Pr. $12,144^{4} 35$, showing an excess of Rs. 60.691 . The paynents under the hesd of interest were
 $r$ rpairs to plant. An expenditure of Rs. $4 ; 172$ appearel in the capital accounts against the Horewether Dry Urock. which consisted for the most part of parments in respect of wr,ths carriod ont in the presions year. Ihe erection of the boundary walls and nther wriks respired to complete the Dock premises remained unexecuted at the close of the year, ence exjeri-nce of the requirements being necessary before finally settling the area to be "ratond The expronditure recorded under the head of "New Works, Ordinary" amounted t, K:. 2, 12 1:13. The more important works were the nem Administrative Offices comnotuced in loss-59 and completed at a enst of Rs. $5,2 \overline{2}, 504 ;$ a landing place in connection with the effirs to cost lis. 10,65\%. nearly complett ; and a pavilion at a pollo Bandar for


Tralal rexipts and distarsements during the gear 1S $21-92$ are shown in the follow- Total receipts an ingestatement:-


## Kara'cix Port Trugt.

The estimated and actual income, expenditure and surplua revenue of the Karachi Port Finmoses Trust for the year 1891-92 were as follows :-

|  | Estimated <br> R. | Actual. <br> Rs. |
| :---: | :---: | :---: |
| ... | $\begin{array}{ll} \ldots, 70,346 \\ \ldots . & 6,44,074 \end{array}$ | $\begin{aligned} & 9,56,962 \\ & 5,13,977 \end{aligned}$ |
| - | ... 2,26,272 | 4,42,985 |

These figures compare with those of the previous year as under :-


The figures here shown for 1890-91 under "Income" differ from those furnished last year owing to a reclnssification of items by the Government Auditor. The increase under "Income" as compared with that of the previous year was chiefly due to increases under the heads of Kerosine Oil Godowns, Erskine Wharf, Pilotage, Interest and Miscellaneous and Port Fund Account, which rose from Re. 20,265 to Rs. 31,895 , Rs. 2,35,728 to Re. $3,88,981$, Rs. 78,988 to Rs. 98,774 , Rs. 97,722 to Rs. 57,602 and Rs. 93,161 to Rs. $1,19,894$ respectively. The following statement shows the total receipts and disbursemente of the Trust for the year 1891-92:-


The number and tonnage of vessels, excluding Government vessels, vessels put back and fish- sbipping. ing boats, that entered the port were:-

showing an increase in number and tonnage under all three heads.
The total quantity of material dredged was less than that of the previous year owing to Work.. deeper dredging and harder material. The quantity dredged compared with the previous year was enfollows:-

$$
\begin{array}{ccccccc}
1890-91 & \ldots & . . . & \ldots & \ldots & . . . & 701,997 \\
1891-92 & \ldots & \ldots & \ldots & . . & \ldots & 688,282 \\
& \text { tons. }
\end{array}
$$

showing a decrease of 18,715 tons. The most important works which were effected during the year were the deepening of the Entrance Channel, which resulted in a larger class of vessels being able to enter the port.

## Adrn Port Trust.

The receipte and expenditure of the Aden Port Trust during the year ander review, as Finnnoo. compared with those of the previous year, were as under:-


There were exceptional chasges during both years. Owing to the heavy charges on account of dredging, the Port Trustees were obliged to draw largely on the Port Fund balance handed over to them on tho formation of the Trust. The balance in hand on the lst April 1891 was - Rs. 2,05,648 and on the 3lst March 1892 Rs. 1,40,067, and the budget estimate tor the

Dredging. Dredging operations were commenced at Aden in December 1890, sipce when 464,850 tons bad heen dredged, leaving a balance of $1,898,098$ tons to be yet dredged.

Indus Conservancy.
The constitution of the department remained unchanged during the year. Proposals for its reorganization were submitted to Government, and are under consideration.
Regintration foes. The receipts from registration fees amounted to Rs. 27,920 during the year against Rs. 28,184 in the previops year.

Receipts and
expenditure.

Ses-pllotage
Department year shopred an estimated balance on the 31 st March 1893 of Rs. 60,363 only.

The number of steam vessels, sailing vessels and country craft that entered the Port of Aden during 1891-92, as compared with the provious year, was -

howing an increase of 100 during the fear under report.

## Indus Conservancy and Sea Pilot Department.

. There was an increase of Rs. 1,467 in miscellaneous receipts, the figure being Rs. 1,991 , aprainst Rs. 524 in the previous year. The increase was nominal; being due.to an adjustment of accounts. The total receipts during the year amounted to Rs, 30,306 against Rs. 29,084 during 1890-91, showing an increase of Re, 1,222. The expenditure of the department was Rs. 31,280 against Rs. 28,785 in the previous year.

The receipts from sea-pilotage (which are credited to Government) amounted to Rs. 5,070 ngainst Rs. 5,151 in the previous year. The expenditure amounted to Rs. 4,424 against Rs. 2,077 in 1890-91. The receipts after meeting the expenditure left a balance of Ro. 846 to the credit of the department.

## CHAPTER IV-PRODCCTION AKD DISTRIBETIOX.

## Agricalture.

THE agricultural staff fas this year introdnced into all the districts of the Central Division, the organization being the same as that in the Southem Division. The distribution of tine Circie Inipeetors as fixed in eonsultation with the Commissioner, Central Division,

Orgaingion ad
mainterurbe of village records: is shown below:-


The large reduction of the Deccan Survey set free a number of subordimates, and from them $90 p \in r$ cent. of the additional hands and all the members of the head-quarter staff ware rearuited. The Cirele Isspectors began wort from about the 15th July, exeept in Khifindesh, where they joined in the midile of Augast. They were employed is the end of su;nut in compilation at taluka head-quarters, in ehecking village census forms, and om ribice dutics of a like nsture, together with measuring work, and in part of the Sholkpor District with the preparstion of revision survey papers. The head-quarter staff, of the strength noted in the margin, all joined by the end of July,

Hend-gnarter A costant.
Reourd-keeper, Record-kkkain and Inafuartand. and were placed in charge of the survey reconds, classifying them into $\dot{A}$ and $B$ divisions for separate housing, as a security against loss by fire. The District Inspectors joined at about the same time. They were employed in enmpiling the Huzdir agzicultural returna, as prescriked, and in supervising the head-quarter establishments, and carrying out other ports of their ordinary duties. The Divisional Inspector joined on the 16th May, and in the interval between that date and the introduction of the staff was oceupied in the stady of reconds and staoding orders, and in risiting other districts on duties comected with the organization of the department. He was subsequently specially employed in supervising the classification of the records, and visited all the districts of the division to make arrangements with regand to record aecommodation. The Khandesh and Násik records were located at Maleganucs those of the other districts at Poons; and the head-quarter staff worked accordingly at these places. The classification was finished, in the case of Satiora, by the 3lst October, and the records were handed over to the Collector's charge. Permanent quartere for the accommodation of the records and head-quarter stati in the various districts were being built, or otherwise arranged for.

In the Southern Division, except in Kolába, the agricaltural staff was organized and Southern Division envipped in full last year, and no changes, except of detail, were made. The Divisional Ibipoctor, Southern Division, was on tour throughout the fair season, travelling for the first siz weeks in the distressed tálukas of Bijapur, Dhárwar and Belganm. He collected informacicn as to the condition of the rayats, crops, and cattle, and covered in this enquiry a large extent of country. He was throughout incommunication with the Collectors, and forwarded outces of the pesults of his enquiries, carrying on at the same time the check and inspection daties of his office. Settlement work in Kánara and the organization of the staff in Ratakgiri oscupied him specially for about a month in each of these districts. Belgaum was again visited in May, and Bijapur in June. In August, a special crop inspection was made in the Gadag taluka of Dharwár.

Chap. IV.

Crop weste and boundary-mark inepection: Southern Division.

In both divisions, district survey classes were formed under the District Inspectors in September and October for the untrained Inspectors, and an examination was held in the Circle Inspectors' Rules, the Revenue Manual, the rules as to boundary marks, and measurement.

To secure uniformity, forms were prescribed (1) for report by Circle Inspectors of work done, and (2) for report by the District Inspector of his test of this work. As full informstion of this kind was not previously received from Belgaum and Kánara, a detailed comparison with last year's work can only be made for the Dharwar and Bijapur districta. In Ratnagiri, the conditions are peculiar, owing to the absence of village officers for the most part, and the Circle Inspectors' duties there lie in the direction of original work, rather than in inspection. The operations in this district will be noticed further on.

This inspection consists in the Circle Inspector's test of Village Forms 2-4, formerly tested by the general-daty karkúns. Circle Inspectors examine the boundary marks of those numbers only of which they make crop or: waste inspection. Under the Circle Inspectors' rules, the daily minimum was fixed at 12 survey numbers. This minimum was, in practice, found excessive, especially in the plain tálukas of the Karnatak, and was experimentally reduced to 10 survey numbers, or an area of 120 acres, in Bijapur, Dhárwár, and Belgaum In Kánara the minimum was temporarily lowered to 8 survoy numbers, the numbers in this district, though small, being much sub-divided, and lying at considerable distances one from another. The following statement shows the percentages of inspection done to villages open to inspection:-

|  | District. | . |  | year. |  | $\begin{aligned} & \text { Villazeet } \\ & \text { inspected per } \\ & \text { cent. } \end{aligned}$ | Crar Imarmetos. |  | Wamm inmection. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Occapled lands, porcontage impoctal: |  | Uacocupied iande, percentape imspocted. |  |
|  |  |  |  |  |  |  | On Sarrey numbers. | On arob. | $\begin{array}{r} \text { On Eurver } \\ \text { numbort. } \\ \hline \end{array}$ | On ancos. |
| 1 |  |  |  | 2 |  | 8 | 4 | 5 | 6 | 7 |
| Dhárwár | ... | ... |  | $\left\{\begin{array}{l}1891.92 \\ 1890.91\end{array}\right.$ | $\cdots$ | ${ }_{86}^{75}$ | 10.017.42 | $7 \cdot 64$8.19 | $24 \cdot 20$28.30 | 16.85 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 1891-92 | $\cdots$ | ${ }^{69}$ | $7 \cdot 51$ | 6.91 | 31.58 | 22.26 |
| Bijapar | $\cdots$ | $\cdots$ |  | 1890.91 | ... |  |  |  | $85 \cdot 60$ $24 \cdot 23$ |  |
| Bolgaum | .'. | ... | ... | 1891-92 | $\ldots$ | ${ }_{65}^{64}$ | 7.05 14.15 | 482 18.60 | 24.23 19.30 | $\begin{aligned} & 14.85 \\ & 10.72 \end{aligned}$ |
| Kanara | $\cdots$ | $\cdots$ |  |  | $\cdots$ |  |  |  |  |  |

The annual inspection of every village, in which Form 3 is kept, is the rule, but during the year the number unvisited was large. This was mainly accounted for by the withdrawal of the Circle Inspectors for special famine work. In Kanara and Belgnum, however, the two newly equipped districts, absentee kulkarnis were also a marked hindrance. Sickness; as usual, also prevented the inspection of some villages. The crop inspection of occupied numbers was fair throughout, and compared favourably with that of the previous year, due allowance being made for the obstacles mentioned above. Waste inspection was satisfactory, except in Kánara. In Dharwár fifty-two encroachments, ten in Bijápur, thirtyfive in Belgaum, and 273 in Kánara were discovered, of which only seven, one, five, and 184 , respectively, had been noticed by village officers. Village crop registration showed considerable improvement in Dharwár and Bijapar. In Kanara, it appeared to be particalarly satisfactory, owing probably to the circumstance that crop mixtures arë not frequent, and also not improbably to want of experience by the inspecting staff. Except in Kanara, the kulkarnis' boundary-mark inspection was very inefficient, though in the two districts, where the Agricultural Inspectors have been longest at work, it was somewhat better. The superior check exercised by the District Inspectors is exhibited in the following statement:-


The duty of testing Circle Inspectors' regular work primarily rests on Mamlatdars and DIBTRANOTION sub-divisional officers, the District Inspectors being responsible for check of measurements and classification. They are required to take a test of other regular work, sufficient to satisfy themselves that the Circle Inspectors understand their duties, and that standing orders are followed. Owing to the albolition of the Assistant District Inspectors, the tests thus taken have necessarily fallen off considerably from those of the preceding year; but, even taking this into consideration, the amount of work done by the District Inspectors was small. The falling off in quality of Circle Inspectors' work in Bijapur and Dharwar was due to the introduction of new and untrained hands. Remembering this, they, on the whole, performed their duties well. The supervision and test of Circle Inspectors' work by subdivisional officers and Mamlatdars was wanting in method; and to remedy this a form for the regular and uniform report of such tests was drawn up.

The commencement of the work of checking the census of population and live-stock, Check of vilage which, under the rules in force, is to be done in the month of July in one of the four forma, divisions of each circle, was in many places delayed for various reasons. Of the entries checked, 81 par cent. were found to be correct. The check of the births and deaths registers showed an improvement in the work of the village officers in this respect, though a considerable number of omissions was brought to light, especially in the larger towns.

This inspection was carried on in 52 villages in each of the districts of Belgaum and Dhárwar, in 15 in Bijapur, and in 61 in Kanara. The totals inspected under the new system in Bijapur and Dharwar were 545 and 470 . Progress was much retarded by the detailing of the men on famine duty. Re-inspection, omitted last year in Dharwar, was brought up to date. The number of boundary marks found out of repair was 14 per cent. in Kánara, 32 per cent. in Bijápur, and 29 per cent. in Dhárwár and Belgaum. The need for this systematic inspection is forcibly shown by these figures, and it is satisfactory that, for the most part, on re-inspection the marks were found repaired by the rayats, without further trouble.

The arrears of the measuring and classing work of the Circle Inspectors continued to be Measaring and heary, but this was to be expected under the circumstances of the year, and with a number classing. of recruits untrained in measuring.

A large amount of office work was got through at head-quarters. It included cor- office work. rections of the survey record, and of abarbands, of maps and field books, as well as the supply of maps to village officers, and the provision of true extracts from survey books to revenue officers and petitioners.

The number of Circle Inspectors originally sanctioned for this district was 27. These were, as a temporary measure, reduced to 18 . In the khoti talukas there is, as a rule, no village establishment, and in these Circle Inspectors can, therefore, be utilized only for original work. The standard Circle Inspectors' rules also are not applicable to the district. Under these circumstances, the rales were modified for temporary use in the two talukas uaned, and the Circle Inspectors allotted to them carried out a routine of crop inspection.

The three Circle Inspectors also examined the boundary marks, ( 6,750 ), of the survey numbers, of which they made the crop or waste inspection. The waste inspection brought to light 12 encroachments, of which 2 only had been noticed by the village officers. Village crop registration was found correct in only 30 per cent. of the fields. In the rest of the district the men were employed by the Collector in such original crop and boundary-man inspection as could be usefully made. Government waste, public roads, and village sites ure not plentiful in Ratnágiri : of 27 per cent. boundary marks found out of repair, or missing, about half were put in order. The census registers of 250 villages were examined, or prepared in original, and in the inspection of vital statistics, 637 omissions of births, and 78 of deaths were reported. Measurement cases to the number of 257 were disposed of,

The rainfall ( 27.56 inches) was on the whole favourable. Though it commenced very jate in June, and was excessive in the middle of the season, the principal crops grown on the farra-cotton, jowfri, wheat and gram-yielded better than the average of the district. In spite of low prices for cotton, the net profit per acre was Rs. 12, as against Rs. 4 in the previous year. I'bis was partly due to a reduction of the cultivated area, which rendered possible better farming, the dearth of labour being one of the disadvantages with which the farm has to contend. Exclusive of the Superintendent's pay, the net cost to Government was Rs. 4,399 , but of this Rs. 2,154 were capital expenditure, devoted to fencing and clearing land The valuation of dead stock also was reduced by more than 25 per cent. by striking useless experimental implements off the accounts. As in the previous year, nearly half of the cost of the farm was debited to live stock, as the Mysore herd could not be made to pay expenses. Of the crops, cotton occupied 73 acres, the Varadi variety yielding by far the best result ( 187 lbs . clean cotton per acre). Bani and Jári yielded fairly, but this was probably due, in some measure, to their having followed poor linseed and gram crops. Among the American varieties, the Louisiana yielded better than the Brader. Experience has proved the superiority of Varadi, in outturn and profit, to all introduced varicties in Khándesh, and its staple may be improved by selection of seed and by careful caltivation. It is probable that all American and certain Broach varieties might do better with more room for growth than is usuolly allowed, the branching habit being very distinctly marked in them, and on this point further observations were being made. Jowari occupied 94 acres, and yielded $1,174 \mathrm{lbs}$. of grain per acre, the highest yield being $1,674 \mathrm{lbs}$.

Roller threshing was again found successful; but the cost of the rollers is against ite general adoption. Wheat occupied 30 acres, and did excellently with green manure, (san, C'rcto laria juncea), which also leaves in the soil a residue valuable for cotton in the next seanon. Gram was grown on 44 acres, and yielded a good profit of more than Rs, 3 per acre. 'The introduced giant variety of béjro, from Nadiad, was being widely spread, by distribution of seed from the farm. The results of experiments with manunes for cotton were inconclusive, owing to sources of error which could not be eliminated. A combination of bone meal and fish manure gave the highest yield, while the sulphuric acid treatment was found useful only in removing light seeds; but the rayat can and does attain the same object by pulling out weakly seedlings. The experiments with manures for jowari and wheat showed that ordinary farm-yard manure gave the best results, but the sulphate of copper pickle was proved absolutely specific against smut in jowari, at the rate of $\frac{1}{2}$ oz for 5 to 7 lbs. of seed, while for a bushel of wheat, ( 60 lbs. ), $2 \frac{1}{2} \mathrm{oz}$. in 2 lbs . of water was the quantity indicated. For sugarcane, castor cake proved itself undoubtedly the most productive manure. The experiment was interfered with by failure of the canal water, when the crop was ripening, which led to the juice in the cane being too thick for complete expression of sugar. Native cultivators are most careful to prevent over-ripening, or drying of the canes, before squeezing, for this reason. Of the experimental varieties of fodder, the Rheana luxurians again did well, but its comparative value, as against jowari, guinea grass, and lucerne was hardly established. Bi-sulphide of carbon, as a preservative of grain, was used with success, and a note on the use of the chemical was issued by the department. Experiments on the stability of introduced wheats went to prove that these wheats maintain their colour and consistency when grown in the Deccan, but they had not, up to the end of 1891-92, been tried as an unirrigated crop. Arrangements were being made for their introduction into the Tapti valley, where they can be grown without irrigation, and on the result of this test their value as an economical staple in the Presidency will mainly depend. Potatoes failed altogether owing to disease: and since the seed potatoes were selected from the Poona market, as being free from taint, the failure of the crops showed that the disease germs may be present even where the diagnostic symptoms are not apparent to the cye. The experiments in ensilage were continued, but the' loss of 36 per cent. wastage in a masonry silo filled with grass and millets was not satisfactory, and, generally speaking, ensilage is not profitable, except where fodder, otherwise too coarse, can by this process be made soft and esculent.

The breeding herd of Mysore cattle was reduced by 104 head, and the sum of Rs. 1,931 was realized. The flock of sheep and goats was increased in numbers, and improved by the addition of selected strains. About 30 acres of arable land were manured by folding; it is hoped that while the increase of the flock will yield profit, its distribution will tend to improve the breed in Khandesh. Pony-breeding was abandoned as unsuited to the circamstances of the farm, but a Government pony stallion was stationed at the farm for the use of breeders.

Poona Farmb
Owing to the conversion of a piece of inferior land into a threshing yard, the cultivated area of the farm was reduced from 34t to $32 \begin{aligned} & 3 \\ & 4\end{aligned}$ acres; of this area, 3 acres were devoted to experiment. Exclusive of the dairy, which was worked at a protit, and the Assistant Superintendent's pay, (Rs. 1,200), the farm cost Government Rs. 1,236, as against Rs. 1,286 in the previous year. The greater portion of the farm was occupied by fodder crops for the use of the dairy herd, and the interest of the experiments conducted during the year centred mainly in these crops. They were Lathyrus sylvestris, lucerne, guines grass, Rheana luxurians, kulthi (Dolichos uniflorus), Sundhia jowari, and Kadwal (two varieties of Sorghum vulgare). The first-named plant, which was widely advertised, proved practically a failure. Lucerne, though second to guinea grass in yield, produced, owing to its high price, the largest net profit; but it is a delicate crop, and its young seedlings are subject to insect attacks between July and October. Guinea grass had the highest outturn, at the same time being practically exempt from disease and insect pests, and growing well noder shade trees. Rheana luxurians gave promise of being a useful fodder, but it did not appear to have any advantage over jowari, beyond that of being a perennial plaut; its permanency had not been tested. The indigenous fodder crops are all scasonal, and their yields are necessarily comparatively low. The Kadwal, or hot-weather jowari, yielded best, but cost heavily for irrigation ; the Sundhia, or Gajarát fodder jowari, came next in yich, but proved rather delicate in the Deccan climate; while kulthi appeared to be rather a wasteful fodder for well-fed cattle, as they reject the coarser stalks. The sugrarcane plots had not had time to show the value of manures applied ; they were attacked by the sugarboror, and it was found best to cut and burn all affected canes. The study of improved potato cultivation was continued, measures to combat the prevalent disease were actively pursued, and a separate note on this subject was published. The dairy herd was increased from 55 to 93 head, which is the maximum number able to be kept on the farm. The herd was maintained at a net profit of Rs. 613, and the profit would have been greater, but for the high prices of food and fodder during the year, which had to be bought in large quantities, owing to the want of grazing ground.

The Ganesh Khind Gardens were worked at a loss of Rs. 214, outlay having been incurred in manaring, planting and cloaring the scrub-growth. The mango erop, however, fetched Rs. 775 as against Rs. 85 in the previous year; and the orchard, which was also stocked with figy, oranges, and date-palms, promisod to be very profitable..

The fann mamagement gomewhat improved. The exat of cultivating the eropped area (7 acres 2r punthis) was R\&. 345, and the receiptes amounted to Rs. 323; the loss was, therefore, Res 3 per scre, as açainat pearly Rs. 12 last year, and this resait wes not umfavourable, onswidering the necesearily high cost of eultivating amall plots. As the new experimental sch:me whe oaly in ite first year, no further notice is neerled, except that the potato erop failed owing to dinease, and that the Ghoghri cotton gave over 360 lbs of clean eotton per acre, the orlinary Broach and the American varieties gielding 265 and 35 Ib , reepectively. The Asescistion costinued to maintrin ite seed store, and seed was sold to sow 440 acres.

The District Local Board had charge of the farm during the year. In all about Hydertbad Farm 70 acress were caltivatol. In spite of an unfavourable season, the farm cleared a protit of Ra 251 , or aloat Rs. $3-17-0$ per acre. The future of the farm is still undecided, mainly owiag to the difficulty of finding a oompetent superintendent.

The experiment with the Mruzffarnagar soft white wheat, in Thar and Parkar, was Expenimenta on contimed with decided smeess during the year undar report, the ares oceapied by this indigenoas and raricty rising from 8,166 acres in the previous year to 5,435 acres, or if of the tokal empie producta: Wheat ares in the Nára Falley. The gield, which was more then $6 \frac{1}{2}$ msumds per scre, or ahout tive times the seed sown, compered very farourably with that of the previous year. This rosult was attribated to the absence of rust and the confinement of the cultivation to the fertile lands along the Mithria Canal. The following table shows the details:-

| Hostemm | Arem. | Sone | Opamer |
| :---: | :---: | :---: | :---: |
|  | 4.8 | Min. 4 | 12den a |
| Sew seen inported br Grverasert --. - - | 1778 | 253 3 | 1.300 4 |
|  | 48118 | ${ }_{625}{ }^{1} 38$ | 2570 |
| A Cibjstirnd nod being ramiodur's share - | 4,7263 | 6,053 | 30.1912 |
| Add-Eeqperic hime | ...... | .-.... | 1,003 0 |
| Total | 583510 | 0.35235 | 35,764 31 |
| Avarige per mers -- | --- |  | 63 |

This wheat ripens quicker, gives a better yield, and fetches prices higher by two to four romas per mamd than the Sindi variety, being specially valuable for export. Its drawbecks are that it is unable to stand as much cold as the Sindi wheat, and is more subject to inseet attacks on sccount of its greater softness. Government sanctioned a further grant of Ris. 1, 100 , and the experiment will be continued next senson.

In Morvi, Káthífwar, 11 mannds and 8 seers of Nagpar Pisai wheat were sown in Rise wheat October 1891, in Glack eotton soil, on which a crop of sngareane had been raised previously. The erop was watered twice a week, and the yield was $6^{-5}$ times the seed. The experiment will be continned.

In the Nara Valley the Dharw女r-American cotton promised to give excellent results: Cotion Toe Kardehi Chamber of Commerce considered the sample submitted superior to the Sindi in quality and length of staple. This success encouraged the extension of the experiment, and a laryer area was sown with fresh seed, and with the seed from the previous year's crop. In the Presidency proper, the American cotton failed to establish its superiority to the indigenous growths, owing to its comparatively small outturn and tendency to destruetive bybridization; and its area was being steadily encroached upon by the Varadi in Khindesh, and the Kumte in the Southern Maraths Country. It was a failure in Gujarst. In an experiment on the Nadiad Farm the indigenons Broach variety yielded 264 lbs. per acre acgainst onty 35 lbe of clean cutton from the American seed. The attempt to introduce this variety in Morvi fuiled owing to scarrity of water.
$\Delta s$ in 1890.91 , Mr. Gogté, of Dypoli (Ratnigiri), planted 10 acres with'about 8 ewts of Arrowrook arrowront ; but the monsoon rains of 1891 being unfavourable the crop suffered, and the onturn was reduced by fiths. Some of the produce wes sold at the rate of Rs. 20 per cwt. to Boubtay frms. $\Delta$ trial consignment of 4 cwts. was sent to Eagland, and fetched $3 d$. per Ib ., the rate for Bermada arrowroot being 7 d . per lb . A larger consignment was subsequently shipped. The waste water from the arrowroot manofacture was reported to be a good resturative for exhausted land.

Mr. Gorgtés experimental coffee plantation yielded well, each tree giving from one to coffec two liss of berries. At this rate an acre with about 600 trees, would gield a net profit of Kis 100 to lis. 200 , even at the low rate of 6 annas per pound.

There being no local demand, the Borneo tobacco was not grown on the Hyderábad Barmeo Tobecco Farm. On the Nadiad Farm it did well, yielding 1,010 lbe of dry leares per acre, against jiso les. last year.

The Saháranpur strawberry plants continned to flourish at Mahábaleshvar, while the Striwberrict English plantu all died.

As in 1590-91 indign was persevered with in Junagad only, and there, owing to Indigo heavy rain, seed sown on 35 acres was lost. Five acres were, however, resown, and 97 lbs.
of dye were obtained from 8 acres, the other portion of the crop being allowed to seed. The dye was sold at the rate of $R e$. It per pound.

## Date Palm.

Divi-divi.

Potato dimease. The progress of the date-palm plantations in the Presidency, excepting in the forests of I'dar, Gondal, Circle and in a few other instances, was fair, especially in the Native States of the hot wat, Morvi, and Junagad. fow of the plants survivorasi Division (Surat) died in the hot weather, and in Porbandar ferew where nearly one-third of the seed was distributerl. Whole plantations in South Thána, Násik, Sholápar, Khándesh, and Sátára succumbed in the hot season, and in Abmednagar the seeds failed to germinate. These results were partly dae to want of sufficient care, owing to the inability of forest guards, with large areas to patrol, to spare the necessary time. In Karachi the exceptional heat towards the end of June followed by heavy rain destroyed the young Djereed palms planted in the saline soil along road sides, and seed generally failed to germinate in the Tatta taluka. On the other hand, the trees in Merewether Garden, (Karachi), and in Mirpur Sakro were expected to bear fruit in about three years. There were about 500 fair plants and seedlings in the Burys Garden, and more than 700 were doing well on the Sehwan road. In the Hyderábad District, the plantations in Nausháhro, Kandiaro and Tando divisions were in good condition, and the climate seemed favourable, but in the Economic Garden, Hyderabad, out of 319 remaining alive last year, only 36 plants survived the recent flood. In Shikárpur, except in the Kambar tiluka, where soil and water are too saline, the trees were thriving, and in some cases attained a height of 6 feet.

The Bhadgaon produce was not sold this year. That of the road-side trees in Dharwar fetcied Rs. 20 at nuction.

This subject has been noticed above, and it need only be added that the disease was found to be far more widely distributed than was at first thought, and to threaten the crops of the whole peninsula. Surgeon-Colonel Cunningham's microscopical investigations were being continued, and claborate experiments were being pursued in the practical treatment of the crop and of diseased soils. The disease was proved not to be identical with the European blight, and it attacked all the new stocks imported last year, however robust. Treatment of the soil was clearly indicated, and the experiments in progress were being conducted on this line, while improved methods of cultivation, tending to a more healthy habit of the plant, were also under trial.

Bone mapare

Locusti.

Cultivated and unoultivated areas.

Considerable attention was paid during the year to the export of bones and their utilization as manure. The yield of each district was not accurately ascertainable, but the following provincial figures are approximately correct:-Gujárat 1,640 tons; Deccan 6,017; Karnátak 544, and Konkan 500 -total 8,701 tons. These exporte were all to Bombay, and a few tons were sent to Mysore from Dharwar. The imports into the port of Karachi from Sind, excepting Shikarpur and Karachi, were estimated at 1,687 tons. The experimental farms continued to test bone manures, but definite conclusions had not been reached. The use of bones as a manure, although the caste prejudice against them was dying out, was very limited in the Presidency proper, and only $\cdot$ slightly less so in Sind. Exports of bone from Panch Mahals, Satara, and Thar and Parkar were increasing, and in a less degree those from Broach, l'hána, Kolaba, Nagar, and Belgaum. Elsewhere the trade was either steady or decreasing. The total exports from Bombay, which were almost wholly to the United Kingdom, were considerably above those of the preceding year.

Locust attacks during the year were confined to Sind, the province most open to their depredations : they appeared several times between March and May, but passed awny without doing any damage. In August and Soptember, they caused slight damage in Karachi, Upper Sind Frontier, and Thar and Parkar, and in October they appeared in greater numbers, causing more serious injury to crops. Crickets, too, attacked the young kharif jowar, in June, July, and August, in the Upper Sind Frontier District.

Details of areas cutivated, uncultivated, and under forest are shown in Appendix IV of this report. The following table gives the percentages represented by the figures therein shown. On comparing the statistics with those for previous years, it must be borne in mind that in some districts, especially those in Sind, they are liable to considerable variation, in consequence of the progress of the survey settlement, and of the correction of previously erroneous returns. In the Presidency proper the gross area showed a net increase of 56,000 acres attributable partly to corrections made in survey, and partly to the inclusion of estimated areas of unsurveyed villages hitherto omitted in the district returns. In the total number of villages there was an apparent increase of 5 , which was due to the return of certain areas as new villages. In Sind the gross area showed a considernble increase. The large increase in Karachi was attributed to the correction of wrong figures; elsewhere it was due to the progress of survey, and to the inclusion of river-side land hitherto unaccounted for. In the Presidency proper there was a net increase of $93 \frac{1}{1}$ in the number of villages, for which statistics are available, and of 187,000 acres in area. In Sátára a large decrease was accounted for by the exclusion of 49 unsurveyed alienated villages, for which rough estimates were hitherto accepted. In Ratnagiri an increase was due to the revised classification of villages, for which statistics are returned. In other districts the ncrease was due chiefly to the inclusion of surveyed villages hitherto excluded. In Sind here was an increase in aret due to the causes stated above.

1891-92.]
AGRICULTORz


To secure a fair comparison of the cultivated areas in 1890-91 and 1891-92, Sind and Ratnígiri ought to be omitted. The gross cropped area, exclusive of these, showed a net decrease of 604,000 acres, or 2.37 per cent., and the area cropped more than once a decrease of 116,000 acres, or 21.48 per cent. Thus the total net area cropped decreased by 435,000 acres, or 1.96 per cent. There was a large decrease in the net cropped area in the Karnátak, due to scanty and unseasonable rainfall. In Sátara there was a nominal decrease, arising from the exclusion of 49 alienated villages. There was a considerable increase in Ahmedíbéd and Khándesh, owing to the seasonable rainfall. In the Karnstak and Sátara, current fallows showed a large increase, in consequence of the unfavourable season. In the total assessed cultivated land, excepting a nominal decrease in Satára, Kaira alone showed a small decrease, while there was a considerable increase in Thana ( 35,000 acres), in the Panch Mahals ( 31,000 acres), and in Khándesh ( 21,000 acres). There was a decrease of 97,000 acres, or $7 \cdot 33$ per cent., under "assessed" land, and of

|  | $\begin{gathered} \text { Tboomand } \\ \text { Acracta } \end{gathered}$ | 28,000 acres, or 3.24 per cent,, under "unassessed land available for cultivation." The decrease was especially noticeable in |
| :---: | :---: | :---: |
| Khhodeat | $\cdots$ | the Deccan and Karnitak, and was due partly to increased |
| poona $\times$ | $\ldots$ | cultivation and partly to the extension of forest. Land under |
| Kuliche | $\cdots+8$ | forest increased by 72000 acres, or $1 \cdot 1$ per cent., chiefly in |
| ne |  | the districts noted in the margin. |
| 8 741-24 |  |  | able for cultivation." The decrease was especially noticeable in the Deccan and Karnatak, and was due partly to increased forest inon and partly to the extension ar forch. Land under the districts noted in the margin.

Chap. TV. PRODUETION mignaimutions.
chp. IV PRODUCTION DIBTAKBUTION.
Cropa : area nader cultivation.

## Kharif and rabi

 crops,The main features of the season and harvest of the year are described elsewhere in thi, report. The following table shows the effect of the season so far as the arca sown was concerned :-
pRESIDENCY PROPER, BICLUDNG RATNA'GIRI.


The details given in the appended table show the variations under kharif and rabi cereals and pulses:-

Figures in thousand acres.


The fall in rabi pulses was due to the deficiency of late rain; there was, on the other hand, a considerable rise in kharif cereals.

The following statement shows the percentages of food and other crops $\cdot$ on the gross area cropped in each district :-




The following tatle gives the anns valuation of the outturn of the principal crops in Outtura of arops each district. The valuation by Mámlatdars purports to conform to the prescribed standard, i. e. 16 anoss representing an average crop. The table must, however, be taken as representing a merely approximste estimate :-

| 3 Ba | Dutrict. |  |  | Arenet Axi Vanamor. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Jowiri. | - Bijifi | Fadidy. | Whame | Sodice | Prat | Varl | Tur. | Gras. | 1004000 |
|  | 1.-Gujarit |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Almodibed .a. $\quad$. | $\cdots$ | -- | 12 | 10 | 11 | 10 | 5 | 8 | 9 | 8 | 6 | 9 |
| 2 | Keire ... $\quad$. | $\cdots$ |  | 14 | 10 | 9 | 12 | 11 | 12 | 4 | 9 | $7^{-}$ | 10 |
| 2 | Panch Mabils ... . | $\ldots$ | \{ | Maive. | 10 | 9 | 12 | 11 | 10 | 10 | 12 | 18 | 10 |
| 4 | Broach ... ... ... | ... | - | 11 | 14 | 11 | 15 | 15 | $\cdots$ | $\cdots$ | 9 | 12 | 16 |
| 5 | , Sorat ... ... | $\cdots$ | -- | 12 | 9 | 13 | 14 | 11 | 11 | 5 | 10 | 9 | 13 |
|  | 1 II,-Deoxis. |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Khxoderih .... | $\cdots$ | $\cdots$ | 15 | 13 | 14 | 15 | 14 | 12 |  | 13 | 10 | 13 |
| 7 | \| Thenk | - | $\cdots$ | 10 | 14 | 10 | 11 | $\ldots$ | 12 | 11 | 12 | 9 | 12 |
| 8 | Ahmednagar ... ... | $\ldots$ | $\ldots$ | 8 | 9 | 9 | 8 | 8 | 10 | 10 | 9 | 8 | 6 |
| 2 | Pones - ... - . | -. | ... | 8 | 6 | 8 | 7 | 8 | 9 | 7 | 4 | 6 | 6 |
|  | Sbollapur.a .... ... | ... | $\ldots$ | 8 | 2 | 6 | 9 | 1 | 2 | 4 | 7 | 8 | 6 |
| 11 | \| Satare men .... | ... | ... | 8 | 6 | 7 | 6 | 4 | 8 | 8 | 5 | 6 | 5 |



The outturn all roand was certainly very poor in the famine-nffected districts of the Karnátak and in the South Deccan, owing to failure of late rain. In the Konkar, Gujarát and Khandesh, the crops yielded a fair average return. Cotton, wheat, millets, and rice all did well
Fruit trees.

Irrigation.
A slight increase was reported in the number of mango, tamarind, jack, and coconnut trees, and aslight decrease in the number of date and toddy-palms. The enumeration of trees was, however, pecessarily a rough estinate, and the returns cannot generally be made accurately.

The net irrigated area amounted to 3.23 per cent. of the net cropped area in the Presidency proper, and to 87.31 per cent in Sind, as against $3 \cdot 13$ and 86.79 in the previous year. While the total area irrigated showed an increase of 10,000 acres, or 1.28 per cent., the total area under crops irrigated exhibited a decrease of 7,000 acres, or 0.79 per cent. The chief variations in the areas irrigated from various sonces were found in the districts of Khándesh, Násik, Poona, and Sholápur, where there was an increase, and in Ahmedábad, Sátara, and Dharwar, where there was a decrease. Irrigation in the Presidency varies a good deal with the seasonableness or otherwise of the rainfall of the year, and from other causes is apt to appear capricious.

Advances to Cultivators.
The following table shows the amounts advanced by Government, onder Acts XII of 1884 and XIX of 1883, to caltivators in the various districts of the Presidency during the past two years:-

|  | District. |  |  |  |  | Axounc Abvanoxd in 1890.91 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | For parohaso of moll and catite. | For pormanent improverants. | For purchace of moed and cattle. | Por permanent tmprovernenter |
|  |  |  |  |  |  | Hs. | Ra. | Hs | Re. |
| Ahmedábád ... | -.* | $\cdots$ | -0 | -." | ... | 1,835 | 7,475 | 11,342 | 3,000 |
| Kaira Mäl ... | - | ... | ... | ... | ... | ...... | ...... : | 883 | 4,625 |
| Panch Mainas . | $\cdots$ | ... | ... | .., | . | ...... | ...... | 665 | ..... |
| Surat $\ldots$... . | -* | ... | .... | ** | $\ldots$ | ...... | .... | 2,407 | 188 |
| Thann ... .... | $\ldots$ | ... | $\ldots$ | $\ldots$ |  | 50 | $\cdots$ | 975 | 9,901 |
| Nánik .... ... | ** | . | ... | ... |  | 1,540 | 6,0.575 | 9367 |  |
| Khándesh | ... | ... | $\ldots$ | .". | $\cdots$ | 1,128 | 6,57 | 8.367 | 19,013 |
| Ahmednagar | $\ldots$ | -.. | $\ldots$ | ... | ... | 6,128 |  | 8,721 | 2,000 |
| Poona -.. | ... | ... | .... | $\ldots$ | ... | 600 | 2,800 | 1,360 | 18,500 |
| Sholapur -.. | ... | -.. | $\because$ | ... |  | ....... | 2,300 | 4.461 | 86,185 |
| Butára ... ... | -.. | ... | .... | ... | $\cdot$ | 545 | 2,050 | 4,461 | 23,105 |
| Belpaum ... ... | :00 | ... | ... | ... | $\cdots$ | ....... | 57,460 | 1,120 | 17,645. |
| Kharwar ... ... | $\cdots$ | ... | ... | ... | ... | ... . | 39,450 | :..... | 2,60,3! ${ }^{\text {a }}$ |
| Bijapur $\ldots$... $\ldots$ | ... | ... | $\cdots$ | .. | $\cdots$ | 175 | 4,200 |  | 18,950 |
| Ratnagiri ${ }^{\text {a }}$ - $\quad$... | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 175 | 2,325 | 500 | 1,04,478 |
| Koliba ... ... | $\ldots$ | ... | ... | $\ldots$ |  | 208 | ...... |  | ...... |
| Karachi ... ... | ... | ... | $\cdots$ | $\ldots$ |  | 27.208 |  | 1,525 |  |
| Hyderibail $\quad$ a. | .. | ... | $\ldots$ | $\cdots$ |  | 27.800 3,400 | 1,000 | 23,2, ${ }^{14}$ | 2,400 |
| Shikaryur ... | ... | ... | , | $\ldots$ |  | 1,400 | - $\quad 1,000$ | 8,967 8,749 | ${ }_{\text {2,333 }}$ |
| Thar and PGrkar | ... | ... |  | ... |  | 14,555 |  | 3,740 0,125 | 19,150. |
| -pper Sind Frontier | ... | ... | ... | ... | $\cdots$ | 1,650 |  | 41,573 | 200 |
|  |  |  |  | Total | $\cdots$ | 50,031 | 1,32,975 | 1,24,211. | 7,71,(4\% |

The enormous increase in advances under both Acts was distributed through all the districts of the Presidency, with the exception of Thána, Ratnágiri and Thar and Párkar. It was in great measure due to the orders of Government, tending to simplify the procedure and to render more widely known the advantageous terms on which money, for agricultaral improvements, was obtainable from Government; but a special stimulus to the system of takavi advances was found in the scarcity, which affected, in a greater or less degree, several districts, and to this cause must be ascribed the very large amounts, which were distributed in Poona, Sholápur, Sátara, Belgaum, Dhárwar and Bijápur. The amounts advanced in these districts not only averted a large measure of distress, by giving occupation to otherwise unemployed agricultural labourers, on private works initiated by those who had availed themselves of takavi, but these works themselves, being to a large extent directed to the improvement of the water-supply, or of the land, were calculated to reduce the severity of any future scarcity. A further advantage, which is likely to accrue from the extension of Government advances, is a reduction in the rates of interest charged by native money-lenders, and this was, last year, reported to have actually occurred in the Belgaum Diatrict, while in the year of report similar information was received from Kolaba. The amount advanced during the year in the Panch Mahals, though small, was a hopeful beginning, and the increase in Kánara proved that the adrantages of the system were there; as elsewhere, becoming widely known and appreciated.

## Agricultural Stock.

The figures in the following paragraphs are taken from Appendix IV-A (4) in Part III of this report, the figures for which are supplied by the Director of Land Records and Agriculture.

No trustworthy information as to the agricultural stock in Sind has been supplied.
The number of head of cattle in the Northern Division fell from 1,$974 ; 718$ in the Northern Division. previons year, to $1,937,107$ in the year nader report, while that of horses and ponies rose from 17,050 to 17,377 , and there was a larger number of ploughs, both large and small, in the division. The decrease in the number of cattle was almost entirely confined to 'Thána, and it was there due, among other causes, to the closing of the operations in connection with the Tansa water works and to the provalence of cattle-disease. The former cause was also responsible for the decrease in the number of carts for carrying loads in the same district, though the increase in other districts, especially the Panch Mahals, where it was due to the opening of the works on the Godhra-Rutlam line, more than counterbalanced the diminution in numbers in Thána. The number of sheep and goats in Broach decreased, but there was a corresponding increase in the Panch Mahals; the other variations, in the different districts, call for no special remarks.

In the Central Division, a decline from $3,810,647$ to $3,703,038$, in the number of cattle, Central Division was accompanied by an increase in the number of small ploughs, though that of large ploughs declined. The number of horses and ponies fell from 97,049 to 95,569 , and there were fewer sheep, but more goats, while a distinct rise occurred in the number of carts. In Sholápur the number of cattle, as well as of sheep, considerably fell, a natural result of the scarcity of fodder in that district, but there was a rise in the number of goats in the district. Similar causes produced identical results in Sátára. The decrease of cattle in Ahmednagar was ascribed to a very heavy and continued rain storm, accompanied by a severe cold, which killed off a number of cattle enfeebled by want of fodder. The decrease of cattle in Khándesh was confined to cows, for there was an increase in other descriptions of cattle, as well as in other agricultural stock, of all sorts, except sheep and large ploughs.

In the Sonthern Division, the number of cattle fell from $2,534,067$ to $2,505,912$; horses Sonthern Division. and ponies fell in number from 26,029 to 22,278 , but, while sheep numbered 502,681 against 547,570 in the previous year, goats rose from 345,595 to 381,333 ; the total number of ploughs considerably increased, though there was a falling off in that of large ploughs, and carts of all kinds were more numerons than in 1891. The effects of the scarcity of fodder were very plainly indicated in the figures with regard to cattle in the Belgaum, Dhárwár, and Bijipur districts, and the increased number of cattle in Kánara, Ratnágiri, and Kolába showed that those districts benefited by the scarcity above gháts. The same results occurred with regard to sheep, but the hardier qualities of goats enabled them not only to maintain, but to considerably increase their numbers, in the districts affected by scarcity, as well as elsewhere. The number of ploughs was greater in all districts, except Bijapur and Dharwar, and the number of carts in the below-ghat districts scemed to have increased, as in the case of cattle, at the expense of those in the above-ghat districts.

## Horse and Mule Breeding.

The number of stallions serving in the Bombay Presidency, exclusive of Beluchistán, Namber and was 76 against 83 at the close of the previous year. In Beluchistán the number of stallions location of stallions. gerving rose from 21 to 23 , so that on the whole there was a decrease from 104 to 99 in the number of Government stallions under the supervision of the Superintendent, Horsebreeding Operations. During the year, in the Presidency proper, 6 stallions died, 4 were anld, two were transferred to Bengal, and 5 were acquired by purchase, gift or transfer. Of the total namber, 10 were thorough-bred English horses, 8 half-bred English including

- 717. ponies and 1 a Pegu pony. Of those in the Presidency proper, 45 were standing in the Deccan, 11 in Gujarat, and 20 in Sind and Cutch.
Horse breeding.

Castration,

Male-breeding.

Expenditare.
The number of branded mares covered fell from 3,270 in 1890-91, to 3,087 in the year of report. The percentage of produce fonled to mares covered rose from 34.68 to 40.76 . The average cost of maintenance per stallion rose from Rs. 343 to Rs. 386. The number of registered branded mares rose from 12,372 to 13,125.

The number of castrations, apart from the operations performed at the depot, rose from 127 to 320.

At the close of the previous year there were 24 donkey stallions in the Presidency; during the year ander report, 3 died and 2 were imported, making the total at the close of the year of report 23. Besides these there was one serving in Beluchistán. They covered 1,019 mares against 868 in the previous year. The general average cost of keep, \&c., fell from Re. 272 to Rs. 254.

The total cost of horse and mule-breeding operations fell from Rs. 68,502 to Rs. 66,767. Of this amount Rs. 13,873 were paid from local funds, and Rs. 10,050 by the Government of Indis

## Horse, Cattle and agricultural Shóws.

The shows subsidized by Government were-

| Providece. | Place. | Kind of Ehow. | Date, | Prise $\times$ Yonoy | Coutributions, |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Decean .. .. | Poons .. .. | Horme Show .. .. | 92nd September 1801. | Re. 1,818 Brood. ero clames and Re 930 Fancy cletres. | Government grant .. .. Be, 2,000. <br>  |
| Do. . .. | Ahmedngear .. | Horse and Cattle 8how and Agricultural Exhlbitlon. | Oth Novombar 1891. | "1,557 .. | Gorernmant prant District Local Boand <br> District Local Board .. n 300 , |
| Pujarat .. .. | Ahmedabid .. | Horse Show .. .. | 8th Fobrtary 1802 ., | - 2,425 $\quad$ - | Government grant .. thi " 2,000, <br> From His Highncet the 2,00 <br> Gfekwar al Board grant" in 3.000. <br> Diatriet Jocal Board grant - ${ }_{n}$ 1, (kNo. <br> Other Nativo ChietI.. .. " 730 . |
| gind .. .. | Shlvarpur .. | Do. .. .. | 11th Jenumry 1892 .. | " 4,510 .. | Government grant $\ddot{0}$. $, 2,0 \times 0$, <br> Upper Bind Fronter District 1 , inom, <br>  |

Poona Horse Show. year. This was due to the weeding out necessitated by the reduction of the Government grant from Rs, 3,000 to Rs. 2,000 . The show was a poor one, the only good classes being the brood mares and yearlings. Some young stock was purchased for the Ahmednagar nursery, but no remounts were secured, and no less than Rs. J., 220, out of Rs. 3,035 advertised as prize money, were withheld. Experience proves that, in the absence of an extended nursery system, most of the produce of the stallions is lost to Government.
Ahmednagar Horse and Cattle Show and Agricultaral Exhibition.

## Ahmedábád Horse Show.

 The show was open to all comers, and, being well advertised, the number of outside show. Thrm s1 to 81 , the total number exhibited being 271 , against 160 at the last show. The increase in numbers was not accompanied by any improvement in quality. Branded mares and yearlings only made a good show. The geldings were, as usual, insignificant. Only 4 animals were purchased by the Reroount Agent, as against 12 at the show of 1890 ; but a few purchases, on behalf of Government, were made in the districts during the year. Rs. 890 were given in prizes, of which Ahmednagar took Rs. 485 . In the cattle branch, the show exhibited a small improvement, the number of animals rising from 105 to 124, but on the whole the display was indifferent, Rs. 123 being withheld out of Rs. 360 provided for prizes. In the agricultural produce branch, the exhibition of grains and seeds was larger than formorly, and Rs. 256 were awarded in prizes. But the exhibits were bazar samples, mostly of the previous year's crop. Fruits and vegetables were a poor show, and mainly from private gardens. In the miscellaneous class, cotton, sugarcane, wool, \&c., were only "fair samples of the produce of the district." Foider crops, such as lucerne and guinea grass, were beginning to attract attention owing to the demand at the Remount Rearing Dep8t. The Poona and Ahmednagar shows will in future be amalgamated.As far as numbers are concerned, the show was successful, the exhibits (811) showing an increase of 108 over 1891, which is the moremarked, as worthless animals were excluded. But the promise of 1891 was not fulfilled as regards quality, the exhibits, all round, being a poor lot. The anticipated increase, in the number and quality of geldings shown, was not realized. The remount class fell from 62 to 30 , and no remounts were purchased. Rs. 2,425 were awarded in prizes, against Rs. 2,575 last year, the amount of prize money offered being Rs. 3,025. The entire absence of entries in three of the gelding classes accounted for this restriction of the prize money.

The Sind Horse Show was held at Shikarpur. Though the number of exhibits (870) was greater than the average of the previous 5 shows held at this place, it was far below that $(1,323)$ of the two shows held at facobabad, and the question of the permanent localization
of the show at Jacobalad is under consideration. In point of quality, however, the show was better than any show held hitherto in Sind, the brood mares and males being particularly good. The young stock also was excellent, and the Remount Department parchased 13 animals for the nursery. The gelding class also showed some improvement. The 2 -to- 4 -year-old fillics were poor, owing to private purchasers having secured and deported the best of this important class. Only 50 remounts were purchased, as against 147 at the Jacobabad show of 1891 , and 167 at the Shikarpur show of 1890 ; and only 1 mule. Many purchases were, however, made before the show opened, and 29 mules were bought after it was over. Of the prizes awarded, Shikárpur took Rs. 1,205, Jacobábád Rs, 1,185, Beluchistán Rs. 1,705 and Afghanistín Rs. 335, The fruit and vegetable shows were very successful, and Rs. 237 were awarded in prizes,

## Weather and Crops.

Meteorological Departient of Western India.
As in the previous year, there were twelve second class and eleven third class observatories :-


The second class* observatories recorded the readings of their meteorological instruments three times a day, namely at 8 A.M., 10 A.M. and 4 P.M, and the third class observers at 8 A.M. only. As asual, the second class observers communicated their 10 A.M. and 4 P.M. observations at the end of each month direct to the Bombay office for tabulation, reduction and correction. The readings taken at 8 A.Y. at the third class observatories were forwarded to the head office at Simla. All the above-named observatories, with the exception of those at Chikulda, Buldana, Hyderabad, Bháj, Mount Abu and Bickanir, sent in their observations at 8 A.M. to the Bombay as well as to the Simla Meteorological Offices. Copies of daily rainfall kept at more than 400 stations in the Presidency under the supervision of revenue officers were furnished to the Bombay Meteorological Office, where they were col-. lected and filed for future reference. At Belgaum and Deesa, self-registering anemographs were in operation, and their traces were communicated direct to the Calcutta Office by the observers at those places. The anemographs of Beckley's pattern at the harbours of Karáchi and Marmagào were working independently of the Meteorological Department, and were under the supervision of the Chief Engineers of the harbour works. The observatories in Berar were under the control of the Sanitary Commissioner of the province, and the observations recorded by observers were sent to the Bombay and Sima, offices for reduction and tabulation as in past years.

The thermometer shed at Kárwár was rethatched, and that at Sholápur was repaired. At Rajkot the ladder leading to the anemometer was repaired. At Belgaum the anemograph got out of order, and was thoroughly cleaned and repaired. Several other minor repairs were effected elsewhere.

The observations recorded at Chikulda, Akola, Deesa, Sholspur and Kárwar were Character of the continuous and trustworthy. The observations made at seven stations were not continuous, work done. and a few of them were of doubtful character. The large Beckley's anemograph at Belgaum was in operation throughout the year, except on 35 days, when the instrument was out of order. A similar instrument at Deesa also provided continuous traces except on 29 days.

The work of preparing and publishing the Bombay daily report and chart was continued in the same way as in past years, and warnings of the approach of cyclonic storms to the mercantile community were regularly issued. The number of daily reporting stations was increased by one, and 43 daily telegraphic weather reports from the coast and inland stations were received. The telegrams as they came in, were translated into the corresponding instrumental readings. These were corrected, reduced and entered on a chart and also in the daily telegraphic observation report. On Mondays and Thursdays from 1st July to 15th Fetbruary weather and crop reports from the following stations were regularly prepared and sent to the Central Press to be printed on the back of the daily report :-

| Agra. | Amrsoti. | Hubli. | Viramgam. |
| :---: | :---: | :---: | :---: |
| Delhi. | Khangaon. | Dhulia | Dholera. |
| Cewnpore. | Búrsi. | Jalgaon. | Bhavpagar. |
| Beímar, | Sholápur. | Broach. |  |
| Nagpur. | Bellary. | Wadhwan | - |

The usual weekly rainfall statements from 49 stations on the G. I. P., RajputanaMalwa and B. B. \& C. I. Railways were also on each Monday from the list of July to the end of November incorporated in the weather and crop reports. Short reperts cusntaining information of the weather experienced in the Arabian Sca by the P. $\& 0$. mail steamers were prepared and published weekly as in past years. Other reports from ships when of sufficient importance were also often published in the daily reports.

## Brief Sketch of the Meteorology of the Bombay Presidency in 1801-32.

The year 1891 was one of barometric maximum and was marked hy an unseasonable distribution of rainfall throughout the greater part of the Bombay Presidency. The year was, in some respects, similar to 1877 , and, although it was not a year of intense famine, it will be remembered as one of severe drought in the Meteorological History of India From a scientific, as well as from a practical point of view, it presented several features of importance, such as a high barometer in June, a relatively low barometer in , July and an unusually late commencement of the monsoon rains on the west coast of India.

Tables and diagrams
The mean monthly values of the various meteorological elements at Karachi, Deesa, Bombay, Poona and Belgaum and the deviations of these values from the normal are given in the accompanying diagram. Figures I to XXXV exhibit the deviations in a graphical form. The excessive or defective rainfall in the several districts is represented by figures XXXVI to XLIII.

The variations of barometric pressure are represented in fgures $I$ to $V$, and in figure XLIV the Mauritius abnormal pressure values for each month of the year under review are shown for comparison with those given in the first five figures. The deviations shown in figares I to $V$, when compared with each other, indicate that the general character of all the curves is, on the whole, the same. With few exceptions, they all rise and fall together, and the magnitude of the variations at the northerly stations is, in some cases, moderately greater than at the three southerly ones. At Poona and Belgnam the pressure was about normal in November, January and April, much below the average in February and March, and generally above the average in all other months. At Bombay, it fell either quite or very nearly to the average in July, November and January, and remained above the normal in all other months, except February and March, when it was from ${ }^{-027^{\prime \prime}}$ to ${ }^{\circ} 047^{\prime \prime}$ in defect of the normal average. At Deesa, the barometer was abnormally high in May, April, June, October and December, and more or less in defect of the average in all other months. At Karachi, it was in excess of the average in May, June, September, October and December, and was generally belnw the normal in the remaining seven months. In the month of July, the most noticesble departure from normal conditions, as shown by the curves, was the disproportionate fall of the barometer at the five stations, the fall-being greatest at Deesa and proportionally least at Bombay, Poona and Belgaum. These unequal changes were mainly attributable to the passage of a cyclonic storm of considerable intensity which, originating in the Bay of Bengal, appeared in the Central Provinces in the last week of July and passed through Rajputana in a west-northwesterly direction. In June, the barometer was very high at all the five stations, Belgaum, Poona, Bombay, Deesa and Karachi, and this excess of pressure was accompanied by a general deficiency of rainfall in Sind, Gujarat, the Konkan, on the Sahyadri Range and in all districts above the Gháts. Again, in August and October, the barometer was moderately above the normal, and there was then also some small deficiency of rainfall in many districts.

The variations of wind directions are shown by figures VI to XV. Of these, figures VI to X show the abnormal frequency of the north or south winds and figures XI to $X V$ the abnormal frequency of the east and west winds in each month of the year 1891 and 1892. The curves in the first set differ considorably from ench other, showing thereby that the winds were in most instances of nearly local origin. Figure VI shows that northerly winds were most. frequent at Karachi in all montbs, except November and February, when they were more southerly than usual. At Bombay, northerly winds were more frequently observed in May and June, while in the remaining months, an abnormal southerly wind was blowing there, At Poons, the winds were generally normal throughout the year, except in January, February and March, when they were mostly from the south. At Belgaum, soutberly winds were predominant in July, August, Scptember and January, and northerly in April, May, June, October, Novomber, December, 1891, and February, 1892. Figures XI to XV show that the variations at the three soatherly stations were of a similar nature, but that those at Bombay were less pronounced. At Karachi, in December, January and March, winds were most frequently from the east, while, in other months, they were more westerly than is asually the case at that station.

The variations of the temperatare of the air are shown in figures XVI to XX. These diagrams show that the temperature was from $1 \frac{1}{2}^{\circ}$ to $7 \frac{1}{2}^{\circ}$ in excess of the average at Deesa in all the months of the year 1891-92. At Karachi, it was about average in April, Jnne, July and August and above it in the remaining months. At Bombar, the hottest months were Jane, January, February and March, while in other months, the dopartures in either direction were small. At Poona and Belganm, the temperaturo was as much as $5^{*}$
in excess of the average in Jme and about average in other months of the year，except at Poona，in March 1892，when it was $4^{\circ}$ above the mean．

The abnormal amount of dryness is shown in figures XXI to XXV．These curves Drynem and Vapour generally agree with the abnormal temperature curve，excessive dryness heing accompanied Preware． by an abnormally high tomperatare and excessive dampness by a temperature lower than the average．Figures XXVI to XXX exhibit the variations of vapour pressure．These werengenerally small at all the five stations，except at Poona and Deess，in November，when it appears to have been mach below the average．

The extent of the abnormal amonnt of clond at each of the fire stations is shown Clond in figures XXXI to XXXV．These curves show that the variations of clond proportion at the three sontherly stations were nearly alike，while those at Karachi and Deesa were of a somewhat different character．Figares XXXIII，XXXIV．and XXXV show that in July and Augast，at Belgaum，in August and September，at Poona，and in July －and September，at Bombsy，the amount of clond observed was nearly equal to or slightly in excess of the normal，while，in all the remaining months，the amounts observed were no－ usually less than the normal．Figure XXXII shows that at Deesa the skies were almost clear in June and March and that，in April，May and Janaary，there was slightly more clond than usual．Figure XXXI shows that the cloud proportion observed was less than the average amount throughout the whole year．

Local variations of the rainfall are so great that the registration of this element Rain． at only five meteorological stations cannot be taken as fairly representing the distribution of the rainfall of the whole Presidency．The Presidency has，therefore，been divided into districts over which the rainfall is less variable than over the Presidency at large，and the average monthly rainfall of a group of stations in each of these districts has been calculated． The amounts of the normal and actual rainfall are given in tables A，and，B and the devi－ ations from the normal are given in Table $\mathbf{C}$ ．

Table a．
Showing the Monthy and Annual Rainfall in each Division during the year 1891.

| Diticion． |  | $\begin{aligned} & \text { 穿 } \\ & \text { 吴 } \\ & \end{aligned}$ | $\begin{aligned} & \text { 宸 } \\ & \stackrel{\rightharpoonup}{E} \\ & \text { 莒 } \\ & \hline \end{aligned}$ | 突 | － | \％ | 占 | $\stackrel{y}{3}$ | 管 | $\begin{aligned} & \dot{8} \\ & \text { 虽 } \\ & \stackrel{\rightharpoonup}{\circ} \\ & 0 \end{aligned}$ | 皆 | 等 | 宮 | 寖 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ${ }^{\prime \prime}$ | ＂ | ＂ | ＂ |
| Sind | ． | 0.47 | 0.16 | 0．36 | 0.11 | 0.14 | 0.01 | 0.93 | 0－26 | 0.54 |  |  | $\cdots$ | $2 \cdot 99$ |
| Gujarit．．．．．． | $\cdots$ | $0 \cdot 10$ | －．． | 0.13. |  | 0003 | 0.67 | 20.01 | 6.58 | $5 \cdot 12$ | $0 \cdot 24$ |  | $\cdots$ | 33.00 |
| Koukan．．．．．． | $\cdots$ | ．． | ．．． | 0.05 | $0-07$ | 0.04 | 16.48 |  | 13.09 | 17.07 | 2．99 | 0.09 |  | 88.50 |
| Sahyadri Range | $\ldots$ | $\cdots$ |  | ．．． | $0-03$ |  | 4.86 | 100－21 | 47－36 | $34 \cdot 43$ | $2 \cdot 94$ | $0 \cdot 62$ |  | 190－45 |
| North Devean ．．． | ．．． | $\cdots$ | 0.01 |  | 0.16 | 0.20 | $2 \cdot 21$ |  | $3 \cdot 42$ | $4 \cdot 14$ | 1.93 |  |  | 20.07 |
| Eouth Deccan ．．． | ， | 0.14 | 0.53 | $0 \cdot 54$ | 1.41 | 1.58 | 2.04 | 8.02 | $5 \cdot 23$ | 1.57 | $5 \cdot 61$ | 0.57 | 0.04 | 27.29 |
| Weat Deccan．．．． | － | 0.06 | 0.37 | $0-03$ | 0.69 | 0.83 | 1.12 | 13.50 | $5 \cdot 82$ | $2 \cdot 47$ | $8 \cdot 80$ | 0.49 | 0.05 | 29.23 |
| Eeat Deccan ．．． | $\ldots$ | 0.13 | 0.34 | 0.89 | $1 \cdot 33$ | 2.44 | 2.47 | $2 \cdot 13$ | $3 \cdot 20$ | $2 \cdot 69$ | $5 \cdot 18$ | $0 \cdot 26$ | ．． | 19.78 |

Table B．
Showing the Average Monthly and Annual Rainfall in each Division．

| Division． |  | 它 | $\begin{aligned} & \text { 容 } \\ & \text { 号 } \\ & \text { O } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 品 } \\ & \text { 号 } \end{aligned}$ | $\begin{gathered} \text { 菏 } \end{gathered}$ | \％ | 吕 | 会 | 䓵 |  | 㚣 | 高 | 产 | 号 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\cdots$ | ＂ | \％ | ＂ | ＂ | ＂ | ＂ | ＇ | ＂ | ＂ | ＂ |  |
| Bind | $\cdots$ | 0.37 | 0.23 | 0.27 | 0.10 | 0.14 | 0.60 | 2.78 | 2．82 | 0.72 | 0.12 | 0.12 | $0 \cdot 15$ | $8 \cdot 42$ |
| Gujarat | $\cdots$ | 0.02 | $0 \cdot 21$ | 0.03 | 0.02 | 0.38 | $4 \cdot 5$ | $12 \cdot 32$ | $10 \cdot 14$ | $5 \cdot 46$ | 0.56 | 0.15 | 0.05 | 82－88 |
| Konkan ．．． | $\cdots$ | 0.58 |  | 0.08 | 0.21 | 1－28 | 31.77 | 35－72 | 20.64 | 11.77 | 2.90 | $0 \cdot 62$ | 0.09 | $105 \cdot 59$ |
| Bahydri Range | ．．． | 0.25 | 0.02 | 0－22 | $0 \cdot 44$ | 1209 | 33.98 | 71.01 | 54.74 | 16．29 | $4 \cdot 43$ | 070 | $0 \cdot 14$ | $183 \cdot 31$ |
| North Jeocan ．．． | ．．． | 0.45 | 0.05 | $0-08$ | $0-28$ | 0.54 | 4.97 | 4.15 | $4 \cdot 26$ | $4 \cdot 48$ | $2 \cdot 67$ | $0 \cdot 65$ | $0 \cdot 24$ | 22.80 |
| Kouth Deccan ．．． | ． | 0.16 | 0－02 | 0.35 | 3－00 | 1.76 | $5 \cdot 49$ | 6－64 | 4．99 | 3.42 | $4 \cdot 16$ | $0 \cdot 60$ | 077 | 29.25 |
| Weat Deocan ．．． | ． | $0 \cdot 24$ | 0.03 | 0.14 | 0.98 | 1.32 | $7 \cdot 12$ | 9.91 | 6.51 | 9•82 | $3 \cdot 70$ | 0.87 | 0.32 | 34－96 |
| Erat Deccan ．． |  | 0.11 | 0.04 | $0 \cdot 27$ | 0.71 | 1.60 | 4.03 | $2 \cdot 78$ | 8－50 | $3 \cdot 87$ | 3.97 | 0.44 | 0－90 | $22 \cdot 32$ |

Table $C$.
Comparioon of the Monthly and Annual Rainfall of 1891 with the average Rainfall．

| Dintaka． | Jant． <br> tury． | Febr． | Murch． | $\Delta \mathrm{prl}$ ． | May． | Jane． | Juls． |  | Septer | Oetober． | $\left\{\begin{array}{l} \text { Norem } \\ \text { ber. } \end{array}\right.$ | Decamen－ | Year． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | － | － | － | $\cdots$ | ， | ＊ |  | － | ， | ＊ | － | ， |  |
| Sima．．． | ＋0．906 | － 0.00 | $+0.00$ | ＋0．01 |  |  |  |  | 0.18 |  | －0．18 | －0．15 | －5．48 |
| CHant $\# \rightarrow$ | $\because \pm \pm 0$ | 0.11 | $\pm$ | － $\begin{array}{r}0.02 \\ 0.14 \\ \hline\end{array}$ |  | －${ }^{8.80 .89}$ | ＋ | － | － | － 0.98 | －0．15 | ＝ $\begin{array}{r}0.05 \\ 0.09 \\ \hline\end{array}$ | $\pm{ }_{-1700}^{0+18}$ |
| Kobyidr mosze ．．． |  | －000 | －0．93 | －0．14 | － 1.19 | －18：29 | ＋+ |  | ＋18．14 | ＋ 1 | －0．08 | 二－0．14 | ＋ 716 |
| 3 3rin Droan－ | $=0.015$ | －0．0．6 | －0．03 | － 0.12 |  | － $2 \cdot 0$ | ＋ a －83 |  |  | － 0.74 | － 08 | －0．73 | 二 ${ }^{2.87}$ |
|  | $\begin{aligned} & 0.02 \\ & 0.016 \end{aligned}$ | ＋+0.61 | $\pm$ | ＋ $\begin{array}{r}0.61 \\ 0-20\end{array}$ | － 0.18 | － 3.45 | ＋ | $\pm 0.24$ | － 1.85 | ＋$+1 \cdot 18$ <br> +0.10 | 二．33 | － 0.73 | － $\begin{aligned} & 1.96 \\ & 8.73\end{aligned}$ |
| Eax Leccese $\because$ | $=0-186$ | ＋+0.30 | ＋0．42 | $+0.62$ |  | －1：80 | $\pm$ | －${ }^{0} 9$ | －1918 | ＋1．21 | －0．18 | －0，20 | 三2．36 |

в 741－66 whether and to what extent the monthly rainfall of each district was in excess or in defect of the normal, the lines being drawn apwards to represent an excess and downwards to show a defect. The rainfall of the monsoon months, June to October, and also of the whole year is given in the following table in the form of percentages of the average fall :-


In this table, 100 means that the rainfall was equal to the average of many past years ; 150 means that it was 50 per cent. above the average; 50 , that it was 50 per cent. below the average; the excess above or defect below 100 indicating by how mach per cent of the average rainfall the fall of the month exceeded or fell short of the normal quantity. For example, in July, the Konkan received 8 por cont. in excess of the average rainfall of that month, while the rainfall for the whole year in the Konkan was 16 per cent. less than the average rainfall in that district. The total percentage rainfall of the year was slightly above the average on the Sahyadri Range, equal to the average in Gujarat and below the average in all other districts. The general distribution was unseasonable, and the year was marked by severe drought in several districts above the Ghats.

On the 27th, 28th, 29th of April, the barometric changes were very irregular, and local depressions were shown over Lower Sind and the North-West Provinces, and several dust and thunder storms, accompanied by rain, occurred in parts affected by the depressions, and on the 30th the weather became fine and clear.

On the 12th and 13th of May the abnormal chart pointed to the existence of a shallow depression between Mangalore and Cape Comorin, and the weather appeared to be slightly. disturbed on and of that coast.

Again on the 17th and 18th of May the chart showed disturbed weather conditions on and off the Malabar Coast and Colombo, and the logs showed that the weather was squally off the Malabar Coast and also off Colombo. The logs also showed that strong squally winds were blowing in the extreme south of the Bay.

On the 17th 18th 19th and 20th of May the rainfall at Colombo was hepvy, and a disturbance appeared likely to form either off the Malabar or the South Coromandel Coast. The 8 A.M. chart of the 2 lst indicated the existence of a depression to the east of Negapatam, and conditions appeared to be very suspicious there. By the morning of the 22nd the depression moved slowly northwards, but did not develop at all. On the morning of the 23 rd the centre appeared to lie in latitude $14^{\circ} \mathrm{N}$., longitude $83^{\circ} \mathrm{E}$., and on the 24 th , 25th and probably on the 26th it moved slowly northwards. At this time the baric gradients were steep in Ceylon, the south of the Peninsula and off the Coromandel Coast, and moderate to strong winds, accompanied by strong squalls and heavy rain, prevailed there.

On the 2nd of June the monsoon rains began to travel northwards along the const, and, though the monsoon broke early in June with light showersp good rain did not fall in the Konkan till after the third week in June. The logs of the S. S. Deccan and Sculptor, which left Bombay on the 6th and 7th of June respectively for Aden, show that these vessels encountered a strong monsoon with moderate to strong gales in the Arabian Sea, with a cloudy or overcast sky and a heavy sea. The rainfall was only occasionally heavy in strong squalls, but there were frequent light showers. As, however, the pressure was abnormally very high both at the coast and inland stations, the rain due to the monsoon was generally scanty.

On the 17th of June abnormals pointed to the existence of a somewhat large depression in the Arabian Sea very near and to the west-soath-westwards of Cochin, and the weather appeared to be squally and very unsettled there.

On the morning of the 29th of June abnormals showed a large disturbance to the west-north-westwards of Bombay in the Arabian Sea, and a strong gale accompanied by heavy rain appeared to be blowing there. On the 30th, also, the isabnormals indicated a depression to the sonth-westwards of Veraval in the Arabian Sea, and a strong gale accompanied by heary rain appeared to be still blowing there, as was proved to be the case by ships' logs subsequently collected.

The next great disturbance was noticed on the 26th of July, when a large low pressure area lay over a portion of the Central and North-West Provinces and a portion of Central India. The monsoon gradient on the West Coast was unusually steep, and indicated the
probability of strong squally winds, accompanied by rain, on and off the West Coast between Porbandar and Cochin. On the morning of the 27 th the low pressure area had deepened, and constitated a cyclonic depression in the neighbourhood of Saugor or Jubulpore, and showed a tendency to move westwards. The baric gradients on this day were very steop, and high wind velocities, accompanied by heavy rain, were forecasted on and off the West Coast between Karwar and Porbandar. At 8 A. M. on the 28th the cyclonic storm, moved northwards and was central over Jhansi. Gradients were very steep, and high winds were indicated as likely to continue. By the morning of the 29 th the storm centre had moved westwards, and lay over ajmir. The gradients around the storm were steep, and winds were still cyclonic, and high wind velocities were recorded in several districts. On the 30th the chart showed that the storm was moving north-westwards, and the baric gradients were now less steep than during the past three or four days. During this disturbance winds at Bombay were steadily increasing in force from the 24th, and the maximum wind velocity recorded in 24 hours was 726 miles on the 27 th of July. The hourly velocity was at its maximum ( 41 miles) between 2 and 3 a. y. on the 28 th. From the time that this storm appeared in the Central Provinces on the 26 th strong squally winds, accompanied by heary rain, were blowing on the West Coast.

The S. S. Norna, which left Aden on the 21st of July, experienced a light to fresh monsoon and dark, cloudy, showery weather up to latitude $14^{\circ} \mathrm{N}$., longitude $49^{\circ} \mathrm{E}$, at noon on the 22nd ; thence to arrival on the 23th July, a strong monsoon gale, increasing to a whole gale from longitude $70^{\circ} \mathrm{F}$. and a very high, terrible and mountainous sea. The S.S. Knight Companion, which left Bombay at 2 p. M. on the 26 th of July, experienced a strong westerly gale with terrific squalls, a tremendous sea and torrents of rain up to about latitude $18^{\circ} 51^{\prime} \mathrm{N}$., longitude $68^{\circ} 34^{\prime} \mathrm{E}$., at noon on the 28th. Great damage being done to the ship, she determined to put back, and experienced strong monsoon gales and a high and very heary sea up to the midnight of the 29th; thence to arrival in port at 6-30 p. m. on the 30th of July a strong monsoon and very heavy sea. This storm, whose centre on the 24th and 25th lay somewhere to the eastwards or south-eastwards of Raípur, also affected the weather on the other side of the Peninsula a good deal, as will be seen from the $\log$ of the S. S. Fazilka. This vessel left Diamond Harbour at 6-20 P. M. on the 24th, and encountered a moderate to strong monsoon gale, accompanied by territic squalls of wind and rain and a heavy sea up to latitude $16^{\circ} 18^{\prime}$ N., longitude $84^{\circ} 14^{\prime}$ E., at noon on the 27 th . On the 25th, when the centre of this storm was a little to the north of Saugor Island, the Fazilka encountered a heavy gale at $4 \mathrm{~A} . \mathrm{K}$. in about latitude $19^{\circ} \mathrm{N}$., longitude $87^{\circ} 17^{\prime}$ E. The high squally winds which prevailed on and off the Bombay Coast caused more or less damage to several ships.

- During this disturbance the monsoon gradient between Kárwar and Bombay or Porbandar was steadily increasing, being $1 \frac{1}{4}$ times steeper than usual on the 25 th and a little more than twice its usual strength on the 26 th, 27 th and 28 th. These nnusually steep gradients are found to produce strong winds and heavy rain, and accordingly, in the daily report, due warning of atrong winds and heavy rain were issued; unosually heavy rain fell in Gojarat and on the North Konkan Coast. These heavy rains, amounting in 24 hours to as moch as 25.95 inches in one place and to more than 10 inches at several stations, caused high floods in Gujarat, and great damage was done to houses and other property there.

The weather chart of the 3rd of August showed a depression to the sonth-eastwards of Allahabad. This was, however, small and, on the morning of the 4th, it appeared to approach the Central or North-W est Provinces near Raipur or Allahabád. On the 5th its centre lay somewhere between Jhansi and Allahabad, and by $8 \mathrm{~A} . \mathrm{M}$. on the 6th it appeared to pass eastwards or north-eastwards of Allahabád. This disturbance only slightly affected the North Konkan Coast, and caused a moderate increase of wind and rain on and off that coast.

On the 19th of August a fresh depression appeared to the east of Allahabad, and on the 20th it moved close into the neighbourhood of that station. By the following morning the storm had passed westwards and was central over Jhánsi. On the 22nd it became shallower and on the 23 rd it altogether disappeared.

Another depression was shown by the weather chart of the 25th of August very near and to the eastwards of Raipur. On the morning of the 26 th the disturbance approached Kaipur sid at 8 A. M. on the 27 th it began to move north-westwards into the neighbourhood of Jhansi. I'his disturbance disappeared on the 28th.

On the 30th and 31st of August there was a slight tendency shown to the formation of a depression off the North Madras Coast, and the weather was squally off Masulipatam and Madras on that day.

On the 6th of Septeniber the isobars indicated a small depression to the eastwards of Paipur or Allahabad, which by 84. M. on the 7th appeared to approach Allahabad. The chart of the morning of the 8th showed that the storm was moving westwards, and its centre lay between Jhansi and Allahabad. On the 9th it was central over Jhansi, and on the luth it diminished in intensity, and at 8 A . ㄴ. on the 11 th it disappeared alto. g ther.

The weather chart of the 17th of September pointed to the existence of an atmospheric disturbance off the South Coromandel Coast, where the weather appeared to be very unsettled. On the 18 th the disturbance moved northwards, and its centre lay somewhere to the east-south-eastwards of Raipur. On the 19 th it became diffused, and constituted a small area of low-pressure over Berar, a portion of the Central Provinces and Central India. At 8 A . m. on the 20th it moved quickly to the west of Karachi, and appeared to be passing further westwards on the 21 st.

Another storm of some intensity appeared on the 23 rd of September to the castwarrls of Raipur. The baric gradients were steep in Berar, the Central Provinces and at the northerly stations in the Madras Presidency. On the 24th it began to move slowly into the Central Provinces, and on the 25th it was central over Nagpur. The winds were cyclonic, and moderately heavy rain was falling in the neighbourhood of the centre of the disturbance. On the 26 th it was shown by the chart to be nearly atationary, but by 8 a.m. on the following morning it had moved northwards into the neighbourhood of Saugor. On the 28 th it diminished in intensity, and continued to move northwards. On the 29 th it was central over Jhansi, but was very shallow. On the 30 th it still lay in the North-West Provinces, and by 8 A.M. on the 1st it disappeared.

In the middle of October, -that is to say on the 14 th, 15 th and 16 th, -a sman depression appeared on and off the South Coromandel Coast, and the ships logs subsequently collected showed that the weather was squally there. From the 18th to the 25th of October agrain the weather off Ceylon and the Coromandel Coast remained in a more or less unsettled condition, and rainy, squally and unsettled weather was experienced by several vessels there.

The month of November opened with unsettled weather conditions on and off the South Coromandel Coast, and a depression appeared to be in course of formation there. On the 2nd the chart indicated a barometric depression very near and to the cast-southeastwards of Negapatam in the Bay. The barometer was falling rapidly at Irichinopoly and Negripatam, thereby showing that the distarbance had a tendency to approach the South Coromandel Coast near Negapatam. The baric gradients were rather steep, and, as the weather was unsettled, more or less rain fell in several districts of the Madras Presidency. By 8 A.m. on the 3rd the small disturbance had crossed the Peninsula and appeared to be lying somewhere in the neighbourhood of Calicut. The depression moved northwards near Mangalore, but was extremely shallow on the 4th ; on the 5th the isobars indicated a depression to the eastwards of Masulipatam or Raipur and n low pressurearen on and off the West Coast between Ratnagiri and Cochin. The weather became ansettled on and off the East and West coasts that day. On the morning of the 6th the low pressure area on the West Coast concentrated, and constituted a depression between Ratnagiri and Mangalore with its centre somewhere off Karwar. The depression to the eastward of Masulipatam or Raipur remained nearly stationary, and the weather in the Bay appeared to be cloudy, rainy, stormy, and unsettled. The weather on the West Coast appeared to be becoming more and more unsettled, and tha squally south-easterly winds with rising or rough sea at Cochin and Calicut were sure indications of bad woather. At 8 a.m. on the 7th, however, the chart indicated that the depression on the West Coast was slowly filling up, but was continuing to move northwards and was off Goa. On the 8th and 9 th the weather on and off the West Coast was still unsettled, but by the 10 th the depression appeared to have filled up, and the weather became settled again,

On the 13th of November a large barometric depression appeared to the west-northwestwards of Sind, and the weather seemed to be very unsettled in the Porsian Gulf. The S. S. Simla, which left Bushire on the 13th for Fao, had fresh to strong westerly to northwesterly winde, which sometimes increased to a moderate gale with a high rising sea up to about $10 \mathrm{~A} . \mathrm{x}$. on the 14th.

The weather chart of the 19 th of November pointed to the existence of an atmospheric distarbance very near and to the eastwards of Negapatam in the Bay, and the wenther appeared to be very unsettled on and off the South Coromandel Coast. At Madras tho gea was rough, while at Negapatam it was tremendous, and strong winds were probably blowing off that coast. By the morning of the 20th the storm began to move slowly northwards and appeared to be of somewhat considerable intensity, and strong squally wiads, accompanied by rain, were likely to blow there.

On the 21st of November, a baronetric depression appoared over Sind, and the weather was unset tled in the Persian Gulf.

From the 25th of November to the 8th of December the weather off the South Coromandel Coast was more or less unsettled, and finally the chart of the 9 th of December showed the existence of a small depression very near and to the eastwards of Negrimam. The barometer was falling on this day at Negápatam, and, as the sea was rough at Madras and Negapatam, the distarbance appeared to be appronching the coast near Negripatam. The weather hence was probebly raing and very unsettled, and fresh to strong squally winds were probably blowing there. The 8 A . y. chart of the 10 th indicated tint the dinturbanre was moving westwards, and on the 11 th its centre lay to the south-westwards of Cochin and nomewhere in the neighbourhood of the Maldive Isles. The isobars over lird showed that
strong squally winds, scempanied by rain, were probably blowing of the Weat and East eonests out at sea Again, on the 12 th of December the weather off Negripatam becume agettled, and continned so till aboat the 150 h .

On the lot of Janary 1997 the abnormal chart pointed to the existence of a disturbance over Sind, and showed that the weather in the Giulf was probably very umsettied. This dspressien dicappeared by 8. 4.n. on the 2nd. The S. S. Calder left Fao on that date at about 2 PM. ior Bushire, and experienced freak to strong south-easterly winds, a heavy sea, hard squalls and heary showets of rain.

On the 3rd of Janmary the isobars, as well as the isabnormals, evidenced a low pressure area of the West Const between loagitude $5 j^{\prime \prime}$ and $68^{\circ} \mathrm{B}$, and showed thit the teather was probably clowdy, rainy and disturbed. On the 4th the low-preasure ares moved northwards; and abnormals indicated a depression to the west-south-westwards of the Catch Coast, and strong winds and aqually, cloudy and rainy westher ont at sea

On the 21st of Jannary 1892 there appeared a harcmetric depression whose centre lay between Karachi and Deeva. The winds were cyclonic, and the weather was much disturbed. On tine 22nd the depression became shallower, and lay over Rajputing, Central India, Berfrand a portion of the Central and North-Weat Provinces. This distarbance disappeared outhe 23nd, and gave neveral local showers on the 21 st and 22 nd in Sind, Rujputang, Gujarat, Central India, the Punjab and the Central and Morth West-Provinces.

- On the lat of March 189? the chart indicated a large disturbance to the north-westwards of Sind, and a strong gale, acoompanied by rain, appeared to be blowing in the Persian Guli. By the morning of the 2nd the depression had moved eastwards into the neighborrhood of Jacobabid. On the 3rd it moved further eastwards, and lay somewhere near Allahabd. The S. S. Bimla, which was at Linga on the list of March, encountered a moderate to strong gale and a high vea. On the 2ad she arrived at Bpherin and during the voyage experienced the same sort of weather.

On the 13th, 14 th and 15 th of Manch there were farther indications of distarbances on and off the West Coast between Porbandar and Goa.

On the 27 th and 28th a linge area of low-pressure formed near Allahabad. It affected the weather on the West Coast slightly, and fresh 20 strong musual sonth-wresterly winds, which began to blow at noon on the 27 th at Bombay, caused some damage to comentry crafts and boats.

## Colíba Observatofy.

The grounds and buildings of the Observatory remained in a eatisfactory eondition, necesmary repairs being effected and the lightaing conductors tested by the Pablic Works Departanent. During the winter the site in the Observatory grounds of the longitande signalling station of the Great Trigonometrical Survey of India was again called into request: the pillars for supporting the trausit instrument, collimators and clock were re-erected and again removed after the signalling operations had been completed: the fonndations were left in the ground, as before, to fix the site in case of an unforeseen resumption of the operations at some fature time. - The zinc ventilating pipes, which carry away foul air from the lamps of the magnetographs and barograph in the under-ground room, had a branch attached, bringing the new vertical force magnetometer lamp into connection with the system.

The autographic instramenks, which were maintained in continuous action, were the Instraments Declinstion Magnetograph, Horizontal Force Magnetograph, Vertical Force Magnetograph, Barograph, Thermograph (dry-bulb and wet-buib), Pluviograph, and Anemograph (direction and velocity). Of these, the first six register photographically and the last mechanically; they were all in good order and worked well during the year. Deflection experiments of the usual kind for the determination of the scale-coefficient were made upon the horizontal and vertical foree magnetographs: and corresponding deflections were made by the asme defleetor magnet npon a magnet appropriately suspended over the spot where the regalar sboolute magnetical observations are taken. Mach time was expended, and many and varied expeciments tried, to secure a persistent partial vacunm in the enelosure of the new vertical force magnetograph, bat with only temporary success. The Kew unifilar maguetometer, the large transit instrument, its collimator and the standard sidereal clock, as well as the electrical clock were all in good order throughout the year. But the harbour clock was subject to irregularities, so that, though it was going well at the close of the year, it was in correct correspondence with the electrical clock during 316 days and 18 hours only. The Doeks elock, too, was subject to irregularities, and was accordingly taken to pieces and cienned and oiled with satisfactory results. Of chronometers belonging to the Admiralty, 1; were received from and 7 issued to ships of the Royal Navy, and 3 were received from and 10 sent to the Astronomer Royal, Greenwich: at the end of the year the number in store was 4. The namber of chronometers belonging to Government received in the Oboarvatory during the year was 48 , including 25 in store at the beginning of the year; the cormemonding number of chronometers belonging to ships' captains and others was 57 . Eighty-four were issued.

The usall watine operations were carried on during the year, and the weather and Wort. other reports were sent regularly to the same newspapers and officials as in previons years 8 741 - 27

Rainfall.

Tables of the results of the "Bombsy Magnetical and Mcteorological Observations, 1891," were ready for the press, and the distribution of the same compilation for the preceding year was in progress. The project for producing on the Observatory premises waxed paper for photographic registrations was successfully put into execution. The resulting photograms were but little inferior to those obtained in recent years on waxed paper manufactured in England.

## Weather at Bombay.

 ended on the 7th October, though there were slight falls aggregating 0.35 inch on the 7th, 8th, 10 th and 12th June. The setting in of the rains was thus unusually late, there being only one year (1878) since 1843 when it occurred on, so late a date. Once begon, the rains were, however, very persistent till the end of Scptember, there baving been only 10 rainless days in the whole interval ; and the aggregate rainfall of the year reached. 76.98 inches, or 6.68 inches in excess of the total fall of an average year. The number of rainy days in the year was 99 , or 3 less than the averuge. The heaviest fall on any one day was 5.82 inches, that amount having fallen on the lst Soptember. No rain fell between the 1st April and 6 th June, nor more than 0.01 inch between the 8th October and 31st March. The following table exhibits the principal alternations of relatively heavy and light rainfall during the monsoon:-| Perrod, |  |  | Number of dayn, | Ralntultin period. | Exrcoas abovo verage. | Defeet below Averige. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Incher. | Inches. | Inchea. |
| 1891, June 21at to 23rd ... | $\cdots$ | ... | 8 | 4.56 | $1 \cdot 75$ |  |
| " June 24th to 20th $\ldots$... | $\cdots$ | $\cdots$ | 3 12 | 0.28 18.04 | 10.28 | 1.47 |
| " June 9th to 15th ... | ... | $\cdots$ | 7 | $0 \cdot 16$ |  | 0.84 |
| " July 16th to 27th ... | ... | ... | 12 | 22.62 | 12.21 |  |
| " Juiy 28th to August 3rd | ... | ... | 7 | 1.08 | 1i | 3.59 |
| *) August 4th Auguat 5th to 31st $\ldots$ | $\ldots$ | - | 27 | ${ }_{4}^{1.99}$ | $1 \cdot 18$ | \%.63 |
| ") September 1st to 8th... | ... | . | 8 | $13 \cdot 25$ | 10.43 |  |
| " September 0th to 17th | ... | ... | 0 | $1 \cdot 11$ | -1. | 20 |
| , September 18th and 19th | ... | ... | 2 | $2 \cdot 26$ | $1 \cdot 37$ |  |
| " September 20th to 29rd <br> - September 24th to 28th |  | $\cdots$ | 5 | 0.13 6.68 | 4.71 | 1.01 |
| $\because$ Soptember ${ }^{\text {n }}$ Soptomber to Octobar 4th: | $\cdots$ | $\ldots$ | ${ }_{6}$ | 0 | 4.7 | 0.88 |
| - Octobor 5th to 7th ... | ... | ... | 8 | 1.03 | $0 \cdot 40$ | ...... |

Of days of heary rainfall there were in the ycar thirteen giving falls of 1 to 2 inches. five of 2 to 3 inches, and two each of 3 to 4,4 to 5 and 5 to 6 inches.

The mean temperature of the year was $80.0^{\circ}$, or $0.8^{\circ}$ above the normal. All the periods in which there were excursions of more than $2^{\circ}$ above or below the normal temperature of the scason are exhibited in the subjoined table, which also shows the duration of each warm or cold period and its average excess or defect of temperature:-

| Period. |  | $\begin{aligned} & \text { Exceses }(+) \\ & \text { of } \\ & \text { Defoct }(-) \text {. } \end{aligned}$ | Period. |  | $\begin{aligned} & \text { Excesin ( }(t) \\ & \text { Defect ( }(\square) \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1891, April 17th ... | ** | $+8^{\circ}$ | 1801, November 7th to 11th |  |  |
| " June 6th to 13th ... | .... | $+2^{\circ}$ | " November 16th |  | $+2^{\circ}$ +8 |
| , June 14th to 22nd | ... | +314 | " November 24th and 25th | ... | $\underline{+21}$ |
| "June 23rd and 24th ... | ... | $+2^{2}$ | , December 23rd to 10 th ... | $\ldots$ | + $0^{\circ}$ |
| "June 28th and 29th ... | ... | -310 | 1802, January Jrd to 9th ... |  | $+3^{*}$ |
| \#, June 30th to July 3rd ... | ... | -2 | " January 10th to 2lat ... | $\ldots$ | $+3^{\circ}$ |
| " July 10th to 15tir ... | .. | + $8^{\circ}$ | *) January 23rd ... ... |  | $-3^{\circ}$ |
| © July 18th *.. | ... | -23 ${ }^{\circ}$ | ; January 25th to 81at ... |  | +4* |
| "July 27th $\because \because 0$ 4th | ** | -2, | $\because$ Fobruary lat to 10th | . | +51 ${ }^{\circ}$ |
| ". September let to 4th <br> i. Scptembor 8th | $\cdots$ | -20 | " February 15th to 18th |  | $+3$ |
| ") Oeptember 8th ${ }^{\text {if }}$ October 7th to 12th $\quad .$. | . | -2 ${ }^{\circ}$ | ", Fubrunry 19th to 24th ... |  | +110 ${ }^{\circ}$ |
| " October 243 th to 28th ${ }^{\text {\% }}$... | . | +230 | " March 16th to 25th ... | ... | -30 |
| *. October 31st to November 3nd | ... | +21 | " March 20th to 29th |  | +8120 |

The warm periods much outweighed the cool in number, and accordingly the year as a whole was slightly warmer than usual: if the cool periods June 28 to July 3 , July 18 and 27 and Soptember 1 to 4 and 8, which were due to the heavy rainfall of their respective periods, he set aside, there remained only 5 specially cool days in the rest of the year, viz., periods, he sot aside, there remained only 5 specially cool days in the rest of the year, viz..
November 24 and 25 , January 23 and March 3 and 4 : and as none of the periods of warnith in excess of $2^{\circ}$ were of much duration-the largest lasting only 11 days-the aggregate of days when the alnormal temperature oscillated within the limits of $2^{\circ}$ warm and $2^{\circ}$ cool, was large, amounting to 243 in the whole year.

As in the preceding year, the winds rarcly reached the velocity of a storm : on three
occasions only, tiz., on June 24-25, July 27-28 and March 27-29, did the velocity exceed

The operations of the Forest Survey Party of the Government of India were carried on Sholípur, and the outturn and cost of the work performed is given in the following table:-


Proposals for reorganising the forest service were sanctioned, but not carried into effect, staff and Office during the year. The numerical strength and constitution of the subordinate staff and of office estalishmient. establishment remained unchanged, their actual cost amounting to Rs, 4,58,993 against Rs. 4,52,279 in the previous year.

The number of forest offences for which prosecutions were instituted during the year, in- Forest offences. cluding cases pending from the preceding year, was 1,375 against 1,507 in 1890-91. Ont of these 1,375 cases, 1,262 involving 3,378 persons, were disposed of, and 118 cases remained pending inquiry at the close of the year. Of the 1,282 cases, convictions were obtained in 988, or 78.3 per cent., against 76.6 per cent. of convictions in the year before. In addition, 12,326 cases were compounded, under Section 67 of the Forest Act, against 10,251 in the year 1890-91; and the sums realized from the compositions amounted to Rs. 30,414 against Rs. 28,855 in the previous year. The number of cattle of different kinds impounded during the year for trespassing in closed portions of forest rescrvations, and for grazing in open areas without passes, was 339,296 against 302,493 in the preceding year. Large numbers were impounded in the divisions of Ahmednagar ( 95,073 ), Násik ( 57,948 ), Poona ( 45,663 ), Sholápur ( 42,349 ), Sátára ( $3 \dot{5}, 4 \times 0$ ) and East Khändesh ( 32,632 ).

The total forest area, over which protection from fire was attempted, was $5,544,951$ acres, Forest fires. of which $1,151,512$ acres, or 20 per cent., were traversed by fire against $1,225,268$ acres, or 21 per cent., in the year before. The divisions, which suffered most from fire, were again Surat and West Khandesh, wherein the percentages of failures were 90 and 77 respectively. In all other divisions of the Northern Circle, fire conservancy showed marked improvement.

The pragress of reproduction, both natural and artificial, was very satisfactory: 612 acres Plantations. were added to the area of regular plantations, and 26,603 acres to that of the cultural operations, thus increasing the total area under plantations from 301,708 acres to 328,953 acres-the total expenditure upon plantations being Ks. 9,620 against Rs. 9,767 during the year 1830-91.

Considerable progress was made by the Public Works Department, during the year, towards Commnnications the construction of roads which will facilitate timber traffic. The road from Ghoda to Ambegan, and buildingsa referred to last year, was still in progress. The most important step taken in this direction by the Public Works Department was the commencement of the ghat road leading down the Jakrialári lectween the Pimpalner táluka and the Dángs. This road, when complete, will allow fully laden timler carts to ascend easily, while at present carts with half loads only can come np the ghit. Grante, to the extent of Rs. 1,890 , were made from the discretionary allowance piacod at the disposal of the Conservator towards the construction of additions and improvements to range forest oflices, \&c. . The expenditure incurred under the head "Communications and Buildings" in the shape of repairs to, and construction of, forest guards' huts and depot houses, \&c., in the several divisions of the Northern Circle, amounted to Rs. 7,188, against Rs. 3,589 in the previous year.

Free grants of timber to the value of Rs. 3,151 were made during the year in the several divisions of the Northern Circle, against Rs. 8,605 in the year before. Large grants were made in the divisions of West Khandesh (Rs. 714), Poona (Rs. 709), South Thána (Rs. 652), and Panch Maluáls (Rs. 535).

Chap. IV. PRODUCTION DIETRIBUTMON. Financial Realts: Yiold of Forest.

Southern Circle. Area.

Forest sottlement and demarcation.

The following statement shows the financial resalts of the year as compared with those of the previons year: $\rightarrow$

| Years. |  | Recelpta | ExTrisituel. |  |  | Sansiag |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { A. } \\ & \text { Conserrancy and } \\ & \text { Works. } \end{aligned}$ | Entablininmente. | Total. |  |
| $\begin{aligned} & \text { 1890.91... } \\ & \text { 1691.92... } \end{aligned}$ | $\cdots \cdots$$\cdots \cdots$IncreaseDecrease |  | Ra. | In. | Rr. | He. | R. |
|  |  | 12,57,503 | 2,47,858 | 4,87,847 $4,86,078$ | 7,35,705 | $8,21,787$ $8,45,036$ |
|  |  | 13,02, 23 |  |  |  |  |
|  |  | 1,04,926 | .. ... | .. $\cdot$. | ...... | 1,23,2:7 |
|  |  | ...... | 15,537 | 2,774 | 18,311 | $\cdots$ |

The revenue realised was the highest on record. These favourable resulte were due partly to a more efficient management of the forests and partly to the successful sales of timber and firewood. The receipts from grass and grazing further increased from Rs. $3,61,984$ to Re. $4,35,923$. The revenue from the sale of timber amounted to Rs. 6,50,757, against Rs. $6,71,407$ in the previous year, and that of firewood to Re. 84,076, against Re: 86,607. Stock worth Re. 49,709 was on hand at the close of the year.

The following table shows the forest area of the Southern Circle for 1891-92:-

| Namen if Districte. |  |  |  |  | AdDid derima fin тй. |  |  |  | Rxclentid or TEANAYKMERTO otugatinnue. |  |  |  |  Stet Matci Jbit. |  |  |  | Total Porrat |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Reserved. |  | Protectod. |  | noservod. |  | Protected. |  | Resorved. |  | Protectal. |  | Recersed. |  | Protocted. |  |  |  |
|  | Sg. | Acres. | Sq. | Aer | 89. | res | $\mathbf{8 9}$ | Acton. | $\underset{\substack{8 q \\ \text { miloe. }}}{ }$ | Acres | $\mathrm{A}_{\mathrm{in}} \text { mute }$ | Acres. | ${ }_{\substack{\text { Br }}}^{\text {Briom }}$ | Acras. | 10. | Acre. | s. | Acram |
| Kinara | $\cdots 740$ | 377 | 2,807 |  | 18 | 9714. |  |  |  |  | $18 \cdot$ | 7035* |  |  | 2,709 |  |  |  |
| - | … | 416, ${ }_{\text {4 }}$ | 260 | 2718 | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\stackrel{6}{6}$ | $\cdots$ | $\cdots$ | ${ }_{171} 1$ |  |  | ${ }^{\text {B7 }} 174$ |  | 210, |
| Dilfpur ... | $\cdots$ | [53 | 80 | 1040 |  |  |  |  |  |  |  |  | 15 | 74 | 80 | $\sin _{0}$ | 315 | 2-4 |
|  | … $\cdots$ 805 80 | Cont ${ }^{\circ}$ | 67 | 50418 | 78 | 162 | 7 | 478 | 2 | 478 | 1 | 16 | ${ }_{881} 8$ |  | us | Ltuy | der | 些品 |
| katafy ${ }^{\text {dri }}$ | 20 | 7** | $\cdots$ |  | $\cdots$ |  | $\cdots$ |  | ... |  | - |  | 20 | 20tid |  |  | $\pm 0$ | OHT |
| Total | ... 1,8808 | 088 | 3,121 | 62448 | 0 | 632, ${ }^{6}$ | 7 | 478 | 2 | 827 | ${ }^{15}$ | 2н; | 1,077 | 112, | 9,404 | 2374 | 5,351 | 2 CH |
|  | , |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


The changes in the area and classification of forests in Kanara were owing to the settlement of 17 villages of Sirsi, and the disforestation of a fow acres in Kumta. The Forest Settlement Officer, Kannara, completed field work connected with 47 villages of Karwar and 26 of Yellapur, having a forest area of 190.51 square miles, and 87 square miles, respectively. Settlement proposals on the former were in course of preparation, and those on the latter were submitted during the year. The following arca was notificd under Section 4 of the Forest Act:-

$$
\begin{aligned}
& \text { In Sirai ... ... } 52231
\end{aligned}
$$

The Demarcation Party, under the Settloment Officer, completed the survey of a line dividing the reserved from protected forests, which were settled in the Sirsi and Kumta sub-divisions. The line measured aggregated 90 miles 7 furlongs. Fuir field books, showing particulars of survey and boundary marks for 12 villages in Kumta and 4 in Ankola, as well as maps, were also prepared, for use of the village and forest officers. The Forest Settlement Otficer, Kelgaum and Dhárwar, completed the inspection of the Kalghatgi Subdivision, aggregating 27.59 square miles, and submitted the settlement proposals on the Khanapur and Parasgad forests, which be had inspected in the previous years, Preparation of maps of the forest areas of Bijápur, which were reported on during the previous years, was commenced. The changes in the Kolaba Sub-division were owing to the transfer of the two ranges of Karjat and Khalápur, from the Northern to the Southern Circle. The expenditure on account of settlement and demarcation, during 1891-92, amounted to
Rs. 26,400 .

The number of prosecutions for forest offences, instituted during 1891-92, was 316 against 194 in $1890-41$, and the number undisposed of by the Mngistrates, at the close of 1830.91, amounted to 11. The number of cases disposed of by Magistrates, during 1891-92, was 252 against 197 in the provious year, and the cases, which remained awaiting trial at the close of the year under report, were 105. The number of convictions obtaincl in cases decided by Magistrates was 196 in 1891-92, and 146 in 1890-91. The increase in the number of prosecutions occorred chiefly in the Southern Division of Kánara, and in Kolába In the former division the increase amounted to 85, and it was owing to garden cultivators, in defance of orders, having pollarded reserved kinds of trees for soppu (green leaves for in denance of orders, having polarded rescrved
rál). In Kolaba, the prosecntions rose from 49 in $1890-91$ to 122 in $1891-92$, owing to

Ilicit caltivation of dalhi. On the other hand, the number of cases compoumded by forest ofioers under Seetion 67 of the Forest Act, during the year, was 803 against 1,052 of the previons year. The decrease occurred chiefly in belgaum, Kolaba, and the Southern Division of kanara. The sums realized, by way of compensation, amomed to Rs. 2,216 against R6. 2,332 in 1850-91.

The numerical strength of the personnel remsined unchanged during the gear under staff report. The actaal cost amoumted to Rs, $2,67,816$, against Rs. $2,60,029$ in the jear before.

The following table shows the details of wort done by the Forest Survey Party in the Sarreg. several districts, during the year ending 30th September 1891 :-


The cost of the work done during the survey year ending 30th September 1891 was Ra. 35,139 , against Rs. 38,970 of the previous year, the cost per square mile, for the 8 -inch ocale, being Rs. 112 against Rs. 83-8-4.

During the year two parties continued to work under one Divisional Officer. The Working Plans. work acoomplished is shown in the following table:-


[^12]Yield of Foresta.
sind Circle

## Area.

results compared favourably with those of the previons year. The area attempted to be protected was 1,047 square miles, of which 25 square miles were burnt. The cost incurred was Rs 16,489 . The portions burnt in the forests not specially protected were also coruparatively small.

In the Northern Division of Kánara, the Bhagwati-Poteli forest road as well as other forest tracks were repaired at a cost of Rs. 458, and Rs. 25 were spent on the Haliyal depôt road. A well was sunk at Mndnalli (Rs. 250), and Rs. 60 were expended in repairing bridges and a timber slide in Karwar. In the Central Division of Kanara, Rs. 250 were paid towards repairing the Hittal-Kárgadde-Mágod road. The Kannigeri-Udámaki road was put in repair (Rs. 393), and three watch-houses were built for Rs. 800 . Rs. 300 were aloo spent in sinking a well in Mundgod. In the Southern Division of Kánara a well was sunk near the Singanhalli timber depôt, at a cost of Rs. 300 , and Rs. 26 were laid out on repairing forest-tracks. In Belgaum a sum of Rs. 1,403 was expended on the Nágargali-Halshi road, und a forest watch-house was newly built for Rs. 300 . In the Dhárwár and KolabsRatnágiri Divisions Rs. 299 and Rs. 588 were, respectively, spent on works under this head.

During the year freo grants of timber, worth Rs. 13,792, were made; the value of the grants in $1890-91$ was Rs. 13,788 .

The financial results of the year as compared with those of 1890-91 are shown in the following statement:-

|  | Yas. | Rocolpts. | Expmotrony. |  |  | Surplas. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | A. Conserrancy and Work. | B. Expendituro. | Total. |  |
| $\begin{aligned} & 1890.91 . . . \\ & 1891.92 . . \end{aligned}$ | . | R8. | Re. | R. | Rs. | Rn. |
|  | $\cdots$ | 13,40,826 | 4,38,420 | 2,66,590 | 7,04,955 | 6,44,871 |
|  | ... ... | 11,47,707 | 4,37,415 | 2,67,816 | 7,05,231 | 4,42,476 |
|  | Increase | *...-* | ...... | 1,287 | 276 | ..... |
|  | Decrease | 2,02,119 | 1,011 | .....* | ... | 3,02,395 |

The falling off in the revenue of the year was due to a failure of sales of timber, on account of the scarcity prevailing in the plain districts. A large quantity was brought in for salo to the Haliyal depôt of the Northern Division of Kanara, and remained in stock at the close of the year. In Belgaum there was a decrease of Rs. 27,960 in the revenue from fuel supplied to the Southern Maratha Railway Company. This was to some extent due to the competition of inamdars, whose jungles were opened during the year. The reduction of traffc, and consequent reduction of requirements in fuel by the railway, was also to a large extent answerable for this fall in the receipts.

The large teak, exploited in the Southern Circle, during 1891-92, yielded 358,883 cubic feet, against 355,665 cubic feet in $1890-91$, and small teak, such as poles, pieces, rafters, \&c., $1,028,058$ against 934,644 cubic feet. The outturn of sleoper-pieces was nil. The large junglewood removed amounted to 270,557 cubic feet, againat 338,589 cubic feet in $1890-91$; the junglewood poles, rafters, janties, pieces, \&c., brought in, mensured 26,437 against 33,957 cubic feet. The yield of blackwood was 24,730 cubic feet, against 20,001 cubic feet in the previons year ; and of blackwood poles, pieces \&c., 588 cubic feet against 1,505 cubic feet; 985 cubic feet of casuarina poles, thinned out from plantations in the Northern Division of Kanara, were alsu brought in. The number of bamboo stems oxtracted fell from 4,526, 808 in 1890-91, to 4,031,476, in 1891-92. The falling off in the number of bamboos exported from Haliyal alone amounted to about $3\{$ likhs. The demand for bamboos diminished generally, owing to the 4 stressed state of the plain country. The collection of myrabolams amounted to 8,520 klandis, against 9,012 in $1830-91$. The decrease in the yield of hardas occurred chiefly in Belgaum, whilst the year's crop of the Northern Division of Kanara showed an increase of 425 khandis. The quantity of firewood removed from thel forests during 1891-92 aggregated $6,268,615$ cubic feet, against $6,259,244$ cubic feet in the previous year. The figures in last year's report were entered as $5,033,958$ cubic feet, owing to an error. There was an increase of over 3 lákhs of cubicfeet in the quantity of fuel exploited in the Central Division of Kanara during the year under report. But as a set-off to this the yield in Belgaum showed a decrease of an equal amount. The fuel supplied to the Southern Maratha Railway from the Belgaum Division (included in the above figures) amounted to $3 ; 223,720$ and $2,902,922$ cubic feet for $1890-91$ and 1891-92, respectively. The outturn of sandalwood prepared for sale in the Southern and Central Divisions of Kanara was 56 kbandis, against 84 in 1890-91. No sandalwood was exploitod in Dharwár, while in Belgaum and Northern Division of Kánara 1,103 trees, pieces, \&e.., were brought in.

The area of reserved foreste in the Sind Circle on the 81st March 1891 was 991 square miles and 212 acres; during the year 4 square miles and 252 acres were deducted. The total area, at the close of the year, was, therefore, 986 squaro miles and 600 acres. The area of protected forests anderwent no change, and was, at the close of the year, 1 square mile and 245 acres. In Deh Shàhbeg, taluka Labdarya, 1,328 acres were disforested; the balance of 1,484 acres of land, belonging to the Magsi forest, was entirely washed away by the river. Draft

 nerpentive:







 1, 3. 3, 315 .


 Wis dre ts tio importation frona the Cper Indus Valley of Crill and Deodar. At the Keti
 fect side owing to the demands of the Brainy Ondmane Factory. The bromereibe of cireurood
 med trickhins. The monart of finewood sold to revinays and otior large comsumers rose to 33 livis of mandick from lity liths of meureda
 RE. $1, \pi \frac{4}{4}$ in 1 siv- 61.

The tral receifes and expenditare for the past two yers were as under =-
Fi-ciol rantin

| T | Enerine | Bramarie * |  |  | sumpix |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\cos _{\cos +\sin }^{2}$ |  | Touch |  |
| $\underset{1 \rightarrow 51-2}{100}=$ |  | $\begin{gathered} \mathrm{Rn} \\ 3.21 .1035 \\ 4.16300 \end{gathered}$ | Re <br> 91.53 $\$ 1,346$ | $\begin{gathered} 10 . \\ \text { 4,13.901 } \\ 5.04 .495 \end{gathered}$ |  |
| Lerreste | 34,318 | -83.35 | - - | 84,35 | 4553 |
| Decreane -1 | - | - | 20 | $\cdots$ | - |

The net revenue for 18 10-91 was the hionest that had up to that time been otrained, bift a furiour inerease of But 4,353 in the net revenne wras renlized during the year under repart.

## Mines and Quarries.

There is nothing to reeord moder this head.

## Manufactures and Industries.

The chivf indnstries, otber than agriculture, in the Bombay Presidency, mamely, the eroting mill indostry, the manofactare of salt, and the distillation of liquor, are dealt with eizewhere The remsining industries are comparatively mimportant. In Ahmediabd, apart fram the mill industry, the usual industries of " Kinh hát" and "stri" mannfacture ondinverl. In the Kaira District, at Kapadvanj, the old industries of soap and glass were carriod on ; but, chietly owing to the want of capital, no improvement in the quality of the articl-a proineed was discernible. Bangles of an inferior description were the chief glass n:audfactures, and the soap was widely used for washing elothes. An iron and brass iromitry etarted in 1890-91, at Nadisd, only gare employment to twenty-eight hands Toracos was grown and prepared for export to Halwa, Karhiswar and Bombay. In Surat, besiles weaving and brick-making industries, sandalwood and ivory carring, ailk and trucale weaving, and gold and silver lace making were carried on. The wood carring is waritiny in rariety, and the silks, in spite of the cheapness of the transient aniline ifen usef, are malite to eompete with Chins or French silks. In Thanna, beyond a small givan invaitry in the Mahim talnks, there was only the Thána silk industry, which was mported to be unimportant, and a steam bone mill. In Nisik, metal ware and the Yeola sif wori continued to be specialities. The silver art ware of Ahmerlnagar was reported ts be grainally improving in quality and to he in greater demand. The Decean Brewery at Uapuri, Yosnas Histrict, saffered from competition, and the outtum of the Heay Paper Yilis wa of smalik value, thoagh the profits of the Company did not diminish The intunare of the Soathern Maraths Railway upon the industrial centres of the Belgaum an.i itherwar districts was noticed in last year's report. The coarse paper produced in the E.grom haod factories tas only in dcuand ziring petty shop-keepers Sandalwood
carving was, to a limited extent, carried on in the Kanara. District, but neither this nor any other industries in the Southern Division require special comment. There were no manufactures of any but local importance in Sind. The bone-orashing trade continued to expand ${ }_{2}$ and exports to Europe to increase.

## The Factories Act.

Factoriea.

Employment of children.

Inspections.

Accidents.

The number of factories in the town and island of Bomhay, to which Act XV of 1881 applied, was 115 at the end of the year 1891-92, against 9] at the end of the previous year. On the lst January 1892, the amended Factories Act (XI of 1891) came into force.

Children under fourteen years of age were employed in 62 mills during the year, against 18 mills in the previous year. There was no prosecution instituted during the year for any contravention of the Act.

The officers who held the post of Inspector of Factories made 414 inspections, visiting. each of the textile and non-textile factories at least once a quarter during the year.

During the year, 532 accidents in factories were reported, of which 432 were slight and 100 serious. Four accidents resulted in death. In the previous year out of a total of 523 accidents, 458 were slight, 65 serious and 5 . fatal.

## Steam Boiler Inspection act.

Two important events of the ycar under review were the passing of the new Boiler Inspection Act No. II of 1891, which came into force from the 18th January 1892, and the extension of that Act to the district of Hyderabad in Sind.

The total number of boilers, brought on the registers of the department, for the Presidency proper, rose from 1,209, (693 in Bombay +516 in the Mofussil), in 1890-91 to 1,335, ( 757 in Bombay +578 in the Mofussil) in 1891-92. Of these, 573 in the City of Bombay and 443 in the Mofussil were examined during the year by the Senior and Junior Inspectors, who also inspected 18 of the former and 17 of the latter a second time. Besides these, 48 boilers in Karáchi and 28 at Aden were examined during the year by the local Inspectors. It was reported that 184 of the boilers in Bombay at the close of the year were $10 \%$ inspected. Of these, 72 were not in use and 95 were sent up-country during the yon while the examination of the remaining 17 had to be held over till the current year, owing to the non-payment of the inspection fees in time. The number of boilers in the Mofussil, which remained uninspected, rose from 79 in 1890-91, to 135 in the year under report No appeal was preferred to a commission, nor was any prosecution instituted under the Act, throughout the year. With the exception of one fatal accident, the year under report was free from casualties. During the year there was a large increase, both in the number of candidates for the Engineers' examinations, and in the amount of fees received from them, as compared with the corresponding figures for the preceding year.

The Boiler Fund continued prosperous. The total receipts realized were Rs. 41,725, while the total expenditure was Rs. 22,824 , leaving a surplus of Rs. 18,901 . This, added to the surplus of the preceding year, raised the balance to the credit of the fund to Rs. 36,239 .

## Bombay Mill-owners' Association.

The following information has been extracted partly from the report of the Committee dealing with the year ending 31st December 1891, and partly from a statistical table furnished by them of the cotton spinning and weaving mills working in India, complete up to 30th June 1892:-

The year ending 31st December 1891 was much less fayourable to the cotton mill industry than the preceding year. But the following details show that it was not devoid of encouraging features. At the close of the year 1801-92, (ending June 30th) the number of mills in the town and island of Bombay stood at 68 against 67 last year, while those upcountry had risen in number from 24 to 28 . During the year, two up-couutry mills were destroyed by fire, but were being re-erected. The total number of spindles and looms in the Presidency rose from $2,380,170$ and 18,487 to $2,380,178$ and 19,117 respectively. There was a slight decrease in the number of spindles up-country, but this was more than connterbalanced by the increase in the town and island of Bombay. The increased manufacturing power represented by these was considerably in excess of the mere numerical increase in the existing number of spindles, ns the producing power of tho nower machinery was considerably in excess of the old. The quantity of cotton consumed in the Bombay Presidency, howover, decreased by 43,590 bales. On the other hand, the trade with Chins both in piece-goods and yarn showed a steady increaso.
Factory Legiolation.
The amended Indian Factories Act came into force from January lst, 1892. The alterations affected thereby met with no opposition from the Bombay Mill-owners' Association.

Various objections taken by the Association to this Act in its draft form were carefully considered by Government, and the Act was eventually passed in a shape which met with the concurrence of the Association.

In consertuence of depression in the trade, the majority of Bombay mill-owners by mntual consent agreed to close their mills for 8 days in every month for $3 \frac{1}{2}$ months. Tibe terms of the compact were almost unanimously observed.

The namber of members of the Association on the 31st December 1891 was 62, ten mills luaving joined in the previous twelve months. On the 31st December 1890 the balance to the credit of the Association was Rs. 22,287, and the receipts were Rs. 9,960 . Expenditure amounted to Rs. 12,475, leaving a balance of Rs. 19,711 to their credit.

## Trade.

The most marked features of the year's trade were the large increase in exports of General remarks : grain and the decline in exports of raw cotton: while imports of cotton piece-roods and Bombaycotton twist and yarn also declined considerably. The value of the sea-borne trade of the Port of Bumbay, exclusive of Government transactions, reached 983 crores of rapees, a falling off of more than 6 crores as compared with 1890-91, but still in excess of the average of the pest five years. For the decrease in the whole foreign trade from 843 crores to 80 crores of rapues, imports were responsible entirely, and showed a falling off of 84 crores, the decrease in imports of treasure amounting to over $6 \frac{1}{2}$ crores: export trade, on the other hand, increased by $3 \bar{z}$ crores of pupees. The chief articles contributing to the decline in import trade, apart from treasure, were cotton piece-goods and cotton twist and yarn, these alone showing a decrease of 109 lákhs, and also sugar, coal and railway plant and rolling-stock. On the other hand, raw silk, silk piece-goods, copper, provisions, and grain and pulse showed an improvement. The improvement in exports was almost entirely attribatable to large shipments of Indian produce, especially grain, and pulse and seeds, while there was a very large decline in exports of raw cotton, the decrease in which trade during 1890-91 as onmpared with 1889-90 was noticed in last year's report. The couptry from which imports most markedly decreased was the United Kingdom; while a serious decrease was observable in those from Austria, Germany, China and Australia; there was, however, a considerable increase in imports from the United States, Belgium and Aden. The articles in which the major portion of the enormous falling off of imports from the United Kingdom occarred were cotton piece-goods, railway plant and rolling stock, coal, cotton twist and yarn, and sugar. The latter article, too, was entirely responsible for the decrease in the imports from Germany. Imports of treasure from Australin were less than last year by 34 lakhs, in spite of a slight increase in the imports of silver: The value of exports to Anstria, Belgiam, Italy and China considerably declined, while those to the United Kingdom and France exhibited a very large increase, and there was a considerable increase in exports to Holland, Egypt, Aden, Arabia, Persia, Japan, and Turkey in Asia Lighter shipments of raw cot ton were the chief canse of the decreased exports to Austria, Belgium, and Italy; but the local manufacture of yarn in Japan resulted in a further large increase in the exports of raw cotton to that country, while Indian cotton yarn was in less request there. The latter article, tso, was the chief cause of the decline in exports to China, exports of opiom on the other hand being larger. The chief article responsible for the increase of exports to the United Kingdom was wheat; on the other hand, raw cotton showed a further considerable decline, as it did in most other countries except Japan, Ceylon and Greece. The very great augmentation of the exports to France was entirely due to large shipments of wheat, which were about five times as much as those of last year. The chief articles of import, from whatever country, the values of which showed an increase were grain and pulse, copper, provisions, maw silk, silk picoe-goods and tea. Those in which the largest decline was visible, besides treasure, were coal, cotton twist and yarn, cotton piece-goods; iron, railway plant and rolling stock, and sugar. The decline in the import of coal was due to bad rates for freights ruling in the United Kingdom, and to the large stock on hand at the beginning of the year. The latter cause, together with the low rate of exchange, accounted for the decrease in the imports of cotton piece-goods and twist and yarn; exchange too had a bad effect on the sugar market; the completion of two railways was mainly acconntable for the diminished import of railway materisis. In exports the articles which showed the most favourable increases were grain and pulse (chiefly to the United Kingdom and France), seeds and treasure. The very largely increased export of grain and palse was caused by the famine in Ruscia, and is, therefore, anlikely to be more than a temporary improvement. Besides the decline in raw cotton exports already noticed, there was a slight fall in the exports of several other articles. but not such as to call for special remarks. The aggregate value of the crasting trade fell from $20 \frac{1}{5}$ crores to 183 crores. Imports of merchandise fell from 11 crores of rupees to a little under 10 crores, while exports of merchandise rose from $7 \frac{1}{3}$ crores to 8 crores. But the imports and exports of treasure exhibited a decline.

The total value of the sea-borne trade of the port of Karachi during the year under review was Rs. 1,561 lákhs, against Rs. $1,242 \hat{3}$ lákhs in the previous year, giving an increase of 25.64 per cent. The increase has been continuous since 1887-88, when the total value of the trade was only $8 \frac{1}{2}$ lakhs of rupees. Three crores of the increase during the vear under report were in foreign trade and about a quarter of a crore in coasting trade. Towards the increased percentage foreign imports contributed a rise of 7.84 per cent, reaching a tntal value of Rs. 408 lakhs, which is the highest on record; whilst foreign exports contribaterl a rise of $58 \cdot 19$ per cent. as compared with the previous year, and a rise of 91.09 per cent. as compared with the average of the previous five years. The increase in the inports of foreign merchandise, not liable to duty, was almost general,-animals, cotton twist

8 741-30
and yarn, cotton coloured, and tobacco manafactures (other sorts) alone exhibiting a decrease. Imports of dutiable merchandise, however, showed a decrease of 1.89 per cent., chiefly noticeable in arms and ammunition and mineral oil: there was, however, an improvement in spirits generally. Imports of treasure showed an improvement of 31.91 per cent. The improvement noticeable in exports to foreign countries occurred in articles of merchandise not liable to duty, among which the rise, altogether amounting to 60.97 per cent., was very general, though there was a decline in the exports of indigo, lac dye, bajri and jowári, and animal bones. In exports of dutiable merchandise, consisting of rice alone, there was a decline of 18.04 per cent. The value of treasure exports rose by 63.50 per cent. owing to larger remittances to the Persian Gulf ports on account of the increased imports of dates and ghi. In imports from the United Kingdom there was on the whole an improvement of $3 \cdot 90$ per cent., though there was a fall in many articles; imports of treasure showed the considerable rise of 48.04 per cent. Exports to the United Kingdom rose to the extent of 13.04 per cent. The most remarkable increase of imports occurred in trade with Arabia, the Mauritius, and Persia, where the increase amounted to 78.52 per cent., 40.98 per cent. and 66.25 per cent. respectively. Export trade with Germany was nearly 150 per cent. greater than in the previous year; apparel and raw cotton, skins and hides, as well as oils and seeds, contributing most of the improvement. The value of the entire consting trade increased by $11: 02$ per cent., the most noticeable features being an increase of $232 \cdot 20$ per cent. in imports of merchandise from Bengal and of $153 \cdot 22$ per cent. in exports to Madras.

Aden.
The total value of the trade at Aden amounted to 753 lykhs of rupees against Rs. 645 Kikhs in the year previous, the increase of 108 lakhs being due to an unprecedentedly good crop of coffee in Yemen, the demand for which was enhanced by the troubles in Brazil. Direct steam communication between Indin and the Red Sea ports continued to reduce the export trade of Aden with those ports, while on the other hand the more accurate observation of the mainland trade routes into and out of Aden accounted for a further apparent increase of land trade. The improvement in the total value of trade was common to both foreign, Indian, and inland trade, though more particularly marked in the case of the former. The total value of imports from foreign countries was Rs. $267 \frac{1}{2}$ lakhs against Rs. 230 lákhs in 1890-91, while that of exports was Rs. $301 \frac{1}{2}$ dékhs against Rs. $242 \frac{2}{3}$ Iakhs. The country from which imports showed the largest increase was Arabia, exhibiting an increase of Rs. 351 lákhs, while Austria showed an increase of Rs. 42 lakks, the United States Rs. $34 \frac{4}{4}$ lakhs, Egypt Rs. $5 \frac{2}{3}$ lakkhs, Zanzibar Rs. 2 lákhs and Turkey in Asia Rs. 3 lakhs. Arabia too showed an increase of Rs. $27 \frac{4}{8}$ lakhs under exports, while exports to the United States, France and Egypt were larger by Rs. $27 \frac{1}{2}$ lákhs, Rs. $8 \frac{1}{2}$ lakhs and Rs. 2 lákhs respectively. Imports of merchandise from India were valued at Rs. $98 \frac{1}{2}$ lakhs against Rs. 101 Jákhs in 1890-91, and imports of treasure were valued at Rs. $10 \frac{1}{1}$ lákhs a gainst Rs. 3 lakks only. Exports to India of merchandise declined from Rs. $10 \frac{1}{8}$ lákhs to R. 8 . 8 lakhs, while treasure improved from Rs. $14 \frac{1}{2}$ lakkhs to Rs. 18 lákhs. The land import and export trade alike increased by 22.73 per cent. and $\mathbf{3 1} \cdot 67$ per cent. respectively. There was a large increase in both the imports and exports of coffee, the cause of which is mentioned above ; trade in coal, grains and pulse, gams and resins, and raw hides declined; the cattledisease in Somali land during the previous year being responsible for the decrease in the last-named trade.

## (1) PRESIDENCY PROPER.

## Port of Bombay.

The aggregate value of the sen-borne trade of the Port of Bombay, exclusive of Government transactions, amounted to Rs. $98,68,11,252$, showing a falling off of more than 6 crores as compared with 1890-91. It was however, in excess of the average of the last five years by nearly 3 crores and almost equal to the trade of 1888-89, in which year it amounted to Re. $97,87,87,666$. The value of the trade under all heads for the last ten years was as follows :-

| Ysar. | 1882-83. | 1888-84. | 1884-85. | 1886-30. | 1880-87. | 1887-88. | 1888-50. | 1890-90. | 1800.01. | 1891-92. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Velue ...E. | 70,20,07,318 | 03,27,03,520 | 84,18,14,160 | 89,06,78,804 | 84,56,81,702 |  |  |  |  |  |
|  |  |  |  |  |  |  | ,0,4\%,00 | ,01,49, 27,019 | 89,80,280 | 28,08,11,253 |

The total trade is divided into four branches; these and the value and percentage borne by each are shown below in comparison with the previous year:-

| Ditidona, |  | 1800.01. | Porcentage of Tota Tredo. | 1801-92. | Percentage Trada. | Jnerease or decrease. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Witb Forciga External Portu With Foreign Indian Porta With British Yorts in other Presidencies ... With Britimh Ports within the Preaidency... |  | Rs. | $\begin{aligned} & 80 \cdot 74 \\ & 6 \cdot 91 \\ & 9 \cdot 20 \\ & 8 \cdot 15 \end{aligned}$ | Ra.$80,03,91,002$$5,36,06,547$$10,14,31,410$$3,18,82,293$ |  | Rn. |
|  | $\cdots$ | 84,63,61,720 |  |  | 81.11 | -4,59,70,718 |
|  | ... | 7,24,68,838 |  |  | $5 \cdot 43$ | -1,88,62,291 |
|  | $\cdots$ | 9,63,06,167 |  |  | $10-28$ | + $+50,35,243$ |
|  |  | 3,30,10, 5 ¢5 |  |  | $8 \cdot 18$ | -16,37,262 |

The trade with Foreign External Porta, i.e., with countries beyond the Continent of India, is classed as "Foreign Trade," and that with Foreign Indian Ports and British Ports in other Presidencies, as well as within the Presidency as "Coasting Trado."
 Govermont transactions are bere inclnded, but will not be referred to in any of the salkequent Forrizn Trade semates or thickes:-


The ralue of the total private trade of the Port of Bombay with foreign external ports amounted to Rs. $80,03,91,002$ ngainst Re. $84,63,61,720$ in 1890-91, the decline being almost all due to transactions in treasure, which exhikited a diminished ralue by over $\overline{5 \frac{1}{2}}$ crores

Imports.-The total imports excluding transactions in treasure were ralued at Re. $25,11,63,058$, being less than those of the preceding year by Rs. $1,79,58,564$, the result of very brye decrenees in the imports of cotton piece-goods, Eugar, railway plant and rolling stock, coal and cotton twist and yarn, which together represented a falling off of 286 lalths, cotton piecegrods and cotton twist and yarn alone showing together a loes of 109 lálhs. The prominent items of increase were raw sill, silk piece-goods, copper, provisions, and grain and pulse, the improvement under these heads being 84 laths.

Exports.-These, exclasive of treasure, were ralned at Rs. 40,68,56,766, being better by Rs. $2,77,62,673$ than those of 1890-91, the improvement being attributable almost entirely to larger ehipments of Indian produce, exports of grain and pulse and seeds alone showing the harge increases of 472 and 204 láths respectively, partially set off by a very large decline in the exports of nuw cotion, which showed a smaller decrease of 436 lakhs.

Trearure.-The transactions in treanure under imports amounted to Rs. $11,01,59,503$, and showed a decrense in value of Re 6,56,57,738, divided between gold, showing the figare of Rs. $2,14,38,512$, and silser, of Rs. $4,42,21,226$, while the total ralue of treasure exported was Re. $2,67,11,697$ against Rs. $1,03,28,786$ in the previous year, remittances of gold showing an excess of Re. $86,74,855$ and those of silver, of Rs. 12,08,026.

Exctange averaged $18.78 d$ against $18 \cdot 41 d$. last year.
The following table shows imports distribated according to countries for the past two jears:- Importin

| Comersen | 10002. | 1902-62 |  | Comertion | 1880.0. | 1991-22 | Idocreave or derrease is isin |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Re | 8. | Ra |  | $\mathrm{Ea}_{1}$ | 8 B | R. |
|  <br> 4, | 1,th. $x, 50$ |  |  | Yantsint | 1,920,11,100 |  | 200. |
| Erim | K0, | 70, 0 , 815 | ${ }_{\text {+ }}^{+12.900 .100}$ | Caitod Sxama | 23.50 .640 |  | 51 |
| Crax ${ }^{\text {coy }}$ | \% | $\omega_{0}$ | + $+3.3 \times 3$ | Adeb | \%4,06, ${ }^{\text {com }}$ | 72,40,164 | 11 |
| Erat | 1,15,180 | 0.731 | -12.41] | Cosion | 9.13,251 | 10,16, |  |
| Muy | \%1, ${ }_{2}$ | \%s\% | 250.963 | Cbine |  | 4,4013094 | -1,50,300 |
| Siray | 2,Fis | 8 cos 27 | +1,41,41 | ${ }_{\text {Sare }}$ | 1, 1 | 2ifuc | +1,15,29 |
| Eya 2 | 80.154 | 90, 520 | + 512.26 | Pekr | 2.91 .55 | 3, 35.675 | +6.053 |
| Turuent | E, \%00 |  | +1 ${ }_{-1}$ | Pentis |  | 5.75.280 | - |
|  | -5-2 |  | $1{ }^{10}$ | Rowis ma | ${ }^{5}$ | 46 |  |
| - | aciens | 1,50,50\% | 3, 12.100 |  | So, 12 , | -1iom,409 |  |
| \%reromed Afr |  |  |  | Torket tm | 80,00, 14 | Quties | 3,590 10 |
| zozatisuo |  | 2, ${ }^{2}$, 2 , |  | Oneer coomerin | 1, $2,3,30,5012$ | , |  |
| Nat Forse | $\mathrm{O}_{2} \mathrm{~s}, 5$ | 1.48 .6 | + 10.00 |  |  |  |  |
| - |  | 2,21, 0 a | +aints | Iowl | 4.00,.38,861 | 20,3,4,500 | -2,36,16,302 |

United Kingdom.-The value of imports from the United Kingdom showed a docrease of more than 2 crores, chiefly attributable to diminished imports of cotton piece-guods, railway phant and rolling stock, coal, cotton twist and yarn, and sugar, which showed a falling off of over 97, fil, 30,18 and 11 lákhs respectively. The only item of any noticeable increase was copper, in which there was an improvement of over 19 lakhs. Remittances of treasure had fallen off considerathly in 1890-91, but they were again smalier this year under both gold and silver-under the former by 210, and under the latter by 215 lákhs. The fluctuntions under most of the heads noticed above will be referred to again further on where the features of the trale under each important article will be considered. The following table shows the several items in which the increase or decrease amounted to 1 lajk of rupees or more :-

| Ramos of articles. | Total value In 1800.01. |  | Duferenee. |
| :---: | :---: | :---: | :---: |
| Increase. | R. | Rn. | Re. |
| Cotton-Raw | 21,256 | 2,08,037 | 2,77,681 |
| Leather-Manufactured | 8,09,000 | 9,55,14-4 | 1,46,144 |
| Liquors ... | 25,11,436 | 29,13,167 | 4,01,721 |
| Matches | 4,51,8:9 | 6,84,544 | 1,32,7] 5 |
| Matals-Copper ... | 01,18,259 | 1,00,83,239 | 9,64,980 |
| Oils-Minerai ... | 2,35,767 | 3,81,691 | 1,45,839 |
| Paper and Paate-board | 11,58,722 | 13,72,630 | 1,83,808 |
| Provisions ... | 17,09,937 | 18,16,035 | 1,16,128 |
| Stationery ... ... | 7,13,169 | 8,16,864 | 1,03,685 |
| Wool-Manufatures-Piece-goode | 84,42,173 | 41,28,898 | 2,86,226 |
| Deorectse. |  |  |  |
| Apparel ... ... ... | 29,60,511 | 28,47,076 | 1,13,485 |
| Articles imported by Post ... | 23,07,792 | 21,46,851 | 1,60,941 |
| Coal ... ... | 1,20,12,605 | $89,831,331$ | 30,04,274 |
| Cotton-Twist and Yarn | 1,07,00,484 | 88,49,632 | 28,50, 502 |
| Wo. - Pieco-goorls | 8,33,47,681 | 7,36,57,813 | 97,90,368 |
| Dycing and Tanaing Matoriale <br> Anifine and Alizarine Dyes | \$,70,203 | 3,83,487 | 1,02,716 |
| Flax-Mnuufacturen-Piece-goods. | 2,47,610 | 71,873 | 1,75,737 |
| Hardware and Cutlery | 42,51,236 | 89,75, 037 | 2,75,209 |
| Ivory-Unmanufactared ... | 6,88,157 | 6,41,857 | 1,46,300 |
| Machinery and Mill-mork ... | 92,67,863 | $88,72,131$ | 3,95,842 |
| Metals-Iron... | 67, 10,079 | 83,41,581 | 18,68,618 |
| Do. Steal | 17,07,290 | 11,80,035 | 6,26,185 |
| Ratway Flant and Rolling Stock... | 1,13,21,925 | 52, 25,446 | 61,64,479 |
| Sugar-Refined ... ... | 13,71,846 | 2,31,403 | 11,31,1153 |
| Trensure-Siold ... | 3,43,01,667 | 1,33,24,391 | 2,10,37,276 |
| Do. Silver | 6,05,52,462 | 4,80,00,808 | 2,15,42,654 |

Austria.-Imports of merchandise from this country continued to increase, and the value this year showed an improvement of over 2 lakhs. The principal items of increase were apparel, catinetware and furniture, cotton piece-goods, glass-ware and silk piece-goods, while woollen piete-goods and printing paper showed a falling off. Imports of gold were valued this year at Rs. 318 only, against Rs. 62,637 in the preceding year, and those of silver fell off from 91 to 9 lakhs. The imports of this latter were anprecedentedly high in 1890-91, but they returned this year to the lovel of the average of the preceding five years.

Belgium.-There was a continued and rapid improvement in the import trade with this country, the aggregate value of the imports having risen from 22 lakhs in $1886-87$ to 70 lákhs in 1891-92. Aniline and alizarine dyes, copper, steel, lardware and cutlery, glass-ware, earthen-ware and porcelain, and spirits and wines were the prominent items of increase, but iron, wrought, showed a considurable falling off, amounting to Rs. 2,40,000. Imports of sugar, which represented a value of Re. 1,74,476 in 1890-91, censed entirely this year.

Franco.-This trade showed a considerable falling off in 1890-91, but it partially recovered during the year 1891-92. The improvement was chienty attributable to larger imports of silk goods, under which there was an incrense of over 14 lákhs. Clocks and watches also showed a value larger by 1 lakh. In the items of decrease, brandy (under spirits) and champagne (under wines) showed together a falling off of 1 likh, while imports of sugar represented this yeara value of Rs. 2,956 only apainst R.s. $1,46,200$ in 1890-91. Under treasure, gold showed a falling of of more than 2 lakhs and silver of 9 lakhs.

Germany.-The decrease in this trale was due entirely to diminished imports of sugar, which declined in value from 43 lakhs in 1890-91, to 8 lakhs this year. The trade was otherwise better. Aniline and alizarine dyes and ivory and ivory-ware showed an improvement of 2 and 1 lath respectively. Matches, however, showed a decline amounting to nearly 2 lakhs.

Holland.- Cotton piece-goods, coloured, reccived from this country showed this year a straller value, but it was alwaye a small trade.
ltaly.-There was an improvement, of nearly 7 lakhs in the value of merchandise received from this country, chiefly due to larger imports of coloured cotton picce-goods and silk piece-goods pare and mixed. Amontst other fluctuations, aniline and alizarine dyes, jewellery and silk thread showed a larger trade, while clocks and watches and hons exhibited a falling off. In the transactions onder treasture, gold showed this year a value of Rs. $2 \overline{1}, 400$. There was no import of gotd in the previous year. Silver was valucd at Rs. 3,000 only against an amount of 10 lakhs in lis90-91.

Malta.-This is a small trade. The decrease this year was due entirely to smaller imports under totacco. Gold this year exhibited a larger value by Rs. 7,000.

Norusay.-Lucifer matches and iron nails are the only two articles of any importance usually imported from this country, under the first of which there was an improvement of Rs. 1,77,000, onder the second a falling off of Rs. 32,000 .

Spain.-Pellitory, an article registered in the trade under drugs and medicines, reccived from this country, showed an improvement of Rs. $\mathbf{3 0 , 0 0 0}$.

Sircden.-Lucifer matches, iron, and paper and paste-board are the articles usually received from this country; in them there was an increase amounting to Rs. $49,000, \mathrm{Rs} .16,000$ and Rs. 13,000 respectively. A quantity of building timber of the value Rs. 58,000 was also received from this place for the first time this year.

Turkey in Europe.-Unmanufactured tobacco and cessential oils showed a falling off. Imports of gold represented last year a value of $\mathrm{Rs} .5,500$. None were received this year.

Other Countries in Europe.-These include Grecce, Portugal, and Russia, the 'import trade with which countries is small and unimportant.

Abyssinia.-Unmanufactured ivory is the principal article of import; in this there was a slight falling off. Imports of gold declined by Rs. 13,000 and those of silver by the large amount of Rs. $3,63,000$.

Mozambique.-Like Abyssinia, ivory is the only important article of import from this place. It was received in smaller quantities. Gold showed a falling off of Rs. 75, 000 and silver of Re. 6,000.

Zanzibar. The decrease was almost all due to a falling off in the imports of cloves, ivory, and cocmanat kernel, under the first of which there was a smaller trade by about 6 lákhs, and under the second and third, by more than 2 lakbs each. Gold and silver showed, however, an improvement of a lakh each.

Eastern Coast of Africa (Other Ports).-Gums.-Alibanum and Arabic, and mother-of-pearl shells shipped to Bombay from these ports showed larger values, amounting to about Rs. 20,000, and Rs. 5,000 , respectively. Imports of silver were also better.

Egypl.-Raw cotton has began to be received from this country in considerable quantities, the imports having risen from 3,518 cwts., valued at Rs. $1,46,993$ in $1890-91$; to 6,479 cwts., of the value of Rs. 2,54,208, in the year 1891-92. Amongst other fluctuations, ivory showed a diminution in value of $\frac{3}{3}$ of $a$ lakh, raw silk, an improvement of $\frac{1}{2}$ a lakh. Under treasure, imports . of gold were better by more than a lakh, while those of silver declined by over 2 lákhs.

Mradagascar.-This is a small trade. Imports of ornamental wood were larger, while those of tortoise shells showed a falling off. Gold and silver were both imported in larger quantities, and showed an increase of Rs. 29,000 and Rs. 24,000 tespectively.

Mauritius.-The decline in this trade was almost entirely attributable to a falling off in the imports of sugar to the value of more than 11 lakhs. Amongst other fluctuations, there was an importation of a batch of 45 horses, valued at Rs. 15, 000, against an absence of any such imports in the previous year. Horses are seldom imported from Mauritius. There were no imports of gold this year, though a small quantity of the value of Rs. 1,500 was received in 1890-91. Silver showed a diminution of about $\frac{1}{2}$ a lakh.

Other Countries in Africa.-These comprise Cape Colony and Natal, with which there was very small trade.

United States.-Kerosine oil received from these States exhibited a falling off.in value of more than 3 lálhs, though imports of mineral oil-other kinds-improved by about Rs. 75,000 . Amongst other ffluctantions, cotton piece-goods-grey showed a larger trade by Rs. 42,000. Imports of gold amounted in value to Re. 55,000 in $1890-91$, but they disappeared altogether this year, while those of silver rose from Rs. 4,23,100 to Rs. $56,82,000$.

Aden.-The value of importe of merchandise was almost the same as last year. Coffee, gums and resins, and precious stones and pearls (unset), exhibited a larger value by about $\frac{1}{2}$ alákh each, but hides and skins (raw) showed a falling off of more than a lálib. Imports of gold amounted in value to nearly 23 lakhs against 6 lákhs of the previous year, but those of silver fell ofif from 9 to 3 lákhs.

Arabia.-Dates form by far the largest item in the import trade with this country. There was a considerable decline in this trade in 1890-91, but it again recovered, and to dates alone was due the satisfactory increase under imports. Gums and resins were, however, received in smaller quantities and exhibited a decrease in value of $\frac{1}{2}$ a lakh. Under gold there was an improvement of more than 8 lakhs, but silver declined to the extent of 14 lakhs.

Ceylon.-Coffee, cocoannt oil, cardamoms, and tea are the principal articles of import. Tea showed an improvement of 3 lákhs, the imports being valued this year at 4 lalkhs against 1 lákh in 1890-91, while cocoanut oil was received in small quantities, and exhibited a faling off of $2 \frac{1}{2}$ lakhs. Ivory is seldom received from this place, but was imported in the preceding year to the value of Re. 45,000 ; the shipmente were not repeated, and none was received this year. The values of gold and silver imports were higher this year by Rs. 56,000 , and Rs. 19,000 respectively.

China.-The import trade with China is next in importance to that of the United Kingdom. The total imports were valued at 444 lakks, divided almost equally between merchandise

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and trensure. As compared with the previous year, thero was an increase of 30 laikhs onder merchandise, chiefly attributable to larger trade in raw silk, silk piece-goods, and tea, which ohrwed an improvement of 17,10, and 7 lákhs respectively. Trade in refined sugar and in camphor, however, deolined, showing a falling of of 3 , and 1 lakh respectively. Under treasure there was a decrease in value of 82 lakkhs, almost a necessary consequence of the very large inflox of more than 120 lákhs imported in the previous year. In the year under review, importe of gold and silver were valued at 57 and 150 lakhs, respectively, against 44 and 245 lakhs in 1890-01.

Japan.-The import trade with Japan is of recent growth, having risen from below 1 lákh of rupees in 1385-88 to nearly 5 lakhs this year. Apparel and Japanese ware represented a value of $\frac{1}{2}$ a lákh each, silk piece-goods $\frac{4}{4}$ of a lákh, and raw silk nearly $1 \frac{1}{1}$ lákhs. All these showed an improvement except the last, in which as also in copper there was a slight falling off. Imports of treasure, almost exclusively silver, are variable. In 1890-91 they represented a value of 11 lakhs, but this year there were none at all.

Java.-Tea is the only article imported. It was valued this year at Res $2,18,000$ against ${ }^{*}$ Re. 1,03,000 in 1890-91.

Mekrán and Sonmiani.-Raw cotton, mats, fish-maws and ahark-fins, and salted fish are the principal articles of import, under most of which there was an inerease. Transactions in treasure are small and unimportant.

Persia.-This is comparatively a large and varied trade. Excluding the transactions in treasure, the value of imports in this year was smaller by 2 likhs than that of 1890-91, though it was in excess of the average of the last five years by about 3 lakhs. Raw cotton showed a falling off of 5 lakhs, the value having declined from 18 to 11 lakhs; horses imported were 608, of the value of Rs. $1,82,400$ against $1,6 \pm 8$ valued at Rs. $5,96,650$ in the previons year, ahowing a decrease of 4 lakhs; and the trucle in raw wool wns smailler by more than $1 \frac{1}{2}$ kakhs, the value this year being about 7 lakhs, against $8 \frac{1}{2}$ lakhs in 1890-91. These decreases were, however, balanced to a certain extent by larger transactions in wheat, the value of which rose from Rs. 30,000 to Rs. $3,30,000$, in dried fruit, which represented a value of 15 against 12 lakhs, in hides and skins, and in poppy-seed, in which there was an improvement of more than $1 \frac{1}{\frac{1}{2}}$ lakha, each, and in raw silk, which advanced by 1 lákh. Amongst minor fluctuations of less than a lákh, imports of gums and resins, and wool manufactures, (Persian carpets), showed an improvement, and assafoctida and madder, a falling off. Imports of treasure declined in value, gold showing a higher value by more than a lákh, but eilvor fell off by 8 lákhs.

Russia in Asia. -This trade is represented by only one article, viz. kerosine oil, which is imported from the port of Batoum on the Black Sea. The value declined ly Re. 4,72,000.

- cッSiam.-Teakwood showed a amaller trade by nearly a lákh, though imports of raw silk, which commenced to be received from last year only, rose from Re. 18,000 to $\mathrm{Rs} .27,000$.

Straits Settlemente.-There was a very large improvement in the trade from this country; the value of merchandise imported having risen from 31 to 41 lakhs. The principal articies imported are coffee, benjamin (pums and resins), tin, sugo, tapioca, raw silk, betelnuts, mace, nutmegs, pepper, tea, and wood-other timber. Imports of coffee, betelnut, and pepper were larger by $8 \frac{1}{2}, 1 \frac{2}{3}$, and 1 lakh reapectively, while those of tin and nutmegs were amaller by nearly a lakh each. Amongst minor fluctuations, benjamin showed an increase of 4 of a lakh, and asgo and tapioca, (provisions-other sorts), a decrense of it a lakh. The average imports of treasure amount in value to about a lakh or two, but in the year 1890-91, gold imported was valued at Rs. $1,86,000$, and silver at Rs. $26,00,000$. As a neceseary consequence of these high imports of the previous year, the transactions this year were on a very restricted scale, gold ahowing a value of Re. 18,000 , and silver of Rs. 2,000 only.

Turkey in Asia.-In this trade, too, there was a very large improvement of 15 lakbs, chiefly sttributable to larger imports of wheat, horses, ghi, dates, and other dried fruits. Under wheat there was an increase of 6 lakhs, the value this year being Rs, $10,80,000$, agrainst Rs. $4,92,000$ in 1890-91. The number of horsee importal was 2,921 againgt 1,955 , and the value Rs. $9,73,000$ against Rs. $8,08,000$ of the previons year. The other two articles, dates and other dried fruit and ghi showed a larger value by 2 lakhe each. In the decreases, gall-nuts, a dyoing material, was the only item of importance showing a falling, valued at nearly of of a lákh. Imports of both gold and silver declined in value by 2 and 16 lakhs respectively.,

Other Oountries in Asia.-Thess comprise Cochin-Chins and the Philippines, A quantity of raw hemp, Manilla rope, and cigars are occasionally imported from the Phillppines. The value of imports from Cochin-China was Me. 12 only.

Australia.- Horses, conl, and copper are the only important articles of import from this colony. The number of horseg imported was larger, being 808 artainst 422 , of the value of Re. 3,15,400 and Rs. 1,68,800 reapectively. There was no trade this year in coal and copper, though these represented a value of $\mathrm{Re} .42,400$ and $\mathrm{Re} .16,800$, respectively, in the year

The imports of gold and silver for the last five years are shown below :-

|  |  |  |  |  |  | $\begin{gathered} 1887-88 . \\ \text { R. } \end{gathered}$ | $\begin{gathered} 1888-89 . \\ \mathbf{R a}_{\mathbf{n}} . \end{gathered}$ | $\begin{gathered} 1889.90 . \\ \text { Ks. } \end{gathered}$ | $\begin{gathered} 1810-01 . \\ \mathbf{l a}_{\mathrm{a}} . \end{gathered}$ | $\begin{gathered} 1891-92 . \\ \text { Rs. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fold | $\cdots$ | $\cdots$ | $\cdots$ | ... | * | 51,17,020 | 40,19,298 | 62,78,638 | 00,67,243 | 63,74,21R |
|  | ... | -* | ... | ... | ... | $\cdots$ | 1,16,750 | 7,53,800 | 33,91,860 | 30,72,600 |

The following table shows the distribation of the foreign export trade during the year 1591-42 as osmpared with that of 1850-91:-

Brports


United Kingdom.-Exports of Indian produce had declined in value in 1890-91 by 172 lílhe, tut they were steadier this year and exhibited an improvement of 32 lakhs. Foreign mercibandise, which forms comparatively a small portion of the aggregate exports, showed, bowerer, a decrease of 12 lakhs. Remittances of treasure were in excess of the previons year ly 94 lákhs, in which gold participated to the extent of 88 lákhs. Floctuations in the several items of the trade, in which the increase or decrease was a lakh of rupees or over, are shown below. Of these, nutmegs and cloves, and a portion of raw cotton and wool represent foreign imports re-exported. Like those under imports, the features of the trade onder most of these headings will be noticed and commented upon further on :-


Auetria -Raw cotton shipped to Trieste is the only important itern in the exports, which this year represented a smaller value by 60 lakhs-

Belgium -Raw cotton, jowari and bajri, wheat, gum-Arabic, raw hemp, horns, and almost all of the vegetable oil-seeds are the articles sent to this country, under most of which there was an increase, though raw cotton, which had declined fast year, showed a further falling off in value to the extent of 84 lk , Whs. Shipments of jowari and bajiri were . sent for the first time this year, and amounted to more than 2 tákhs in value.

France.-There was a very great augmentation of the exports to France, the value having risen from 459 to $721 \frac{1}{2}$ láths. The trade has. received an impetos since the establishment of regular and direct steam communications between Bombay and Marseilles by the Meseageries Maritimes, though the very high value of the exports this year was entirely due to iarge shipments of wheat, which were about five times as mich as those of last year both in quantity and value.

Germany.-Raw cotton shipped to Germany showed a falling off in value of more than 39 lakhs. Oil-seeds and wheat and wheat bran were, however, forwarded in larger quantities and exhitited an improvement of 17,5 , and 1 laths respectively. Bran was not forwarded last year to any extent, but the exports this year were valued at Rs. $1,06,000$. Cnder exports of foieign merchandise, ivory, ummanufactured, showed an increase of Ths 80,000 .

Greece.-Raw cotton is the only article of any importance sent to this country; it represented a larger value this year.

Holland.-Linseed is usually sent to this country ; the exports of it were double those of the previous year and represented a value of 56 lakhs; and wheat, under which there were no shipments in 1890-91, was also forwarded to the value of 13 lakhs.

Italy.-The trade with Italy declined during this and the previous year. Shipments of cotton valued at 197 lakks in 1890-91 fell off to 125 lákhs, showing a decrease of 72 lakhs, partially balanced by an increase undor wheat and oil-seeds of 32 and 2 lakhs respectively. l'he value of wheat exported this year amounted to 51 lakhs. Under foreicn merchandise, iron, old for remanufacture, showed a larger trade by about giths of a lákh. Silver was remitted last year to the value of Rs. 76,000, bat none in the year 1891-92.

Malta.-Wheat, an occasional item of export, was forwarded this year to the value of $2 \frac{1}{3}$ lakhs, and accounted for most of the improvement in the trade.

Portugal.-The decrease of Rs. 33,102 was due to a slight falling off of the exports of wheat, which represented this year a value of Rs. $1,75,000$ against Rs. $2,13,000$ of tho preceding year. Linseed and tilseed are the only other items of export; under the latter there were no shipments this year, while the former was forwarded to almost an equal value.

Russia.-Raw cotton, myrabolams, and a few of the oil-seeds are the articles of export. Cotton fell off in value from 22 to 11 lakhs; seeds in the aggregate showed an improvement of 2 lákhs.

Spain_-Shipments of raw cotton declined in value from 17 to 4 lakhs; those of wheat, representing a lákh in 1890-91, ceased entirely. Linseed, however, was forwarded to the value of Rs. 75,000, against an absence of any exports under that head in the previous year.

Swedcn.-Raw cotton is the only article exported to this country; it showed this year a slight falling off.

Turkcy in Europe.-A amall trade spread over several items. Essential oils of Indian manufacture were sent in smaller quantities, and showed a falling off in value of Rs. $\mathbf{1 0 , 0 0 0}$. Gold was remitted to the value of Rs. 8,600 .

Sbysainia.- The value of this trade was much the same as last year. Exports of jowhri and bajri and of flour showed together an improvement of 3 lákhs, but those of cotton piece-goods, (both of Indian and foreign manufacture), showed a smaller value by nearly 3 lakhs. A number of bullocks, registered in the trade returns under animals-other kinds, were sent to the value of Rs. 72,000 in 1890-91, but none this year. Trensure is occasionaily remitted in small quantities. Exports of silver this year represented a value of Rs. 8,450. The whole of the trade with abyssinia, both import and export, is carried on with the port of Masawah, the Italian colony in that country.

Mozambique.-This trade was much the same as that of the previous year, and is divided almost equally between Indian produce and foreign merchnndise. The principal articles exported were cotton piece-goods, glassware, grain and pulse, hardware and cutlery, jute manufactures, provisions, sugar, and woollen manufactures. The fluctuations were not large, and were spread over several items. Silver remitted showed a falling off of Rs. $\mathbf{5}, 000$.

Zanzibar.-The value of Indian produce forwarded showed an improvement of nearly $1 \frac{12}{}$ lakhs, but there was against it a falling off in foreign merchandise to the amount of $4 \frac{1}{2}$ lakhs. Under Indian produce, exports of rice showed a largor value by 1 lákh, but cotton piece-goods was by far the largest item in the exports. Those of local manufacture were sent to the value of nearly 19 lakhs, the same as last year, while those of forcign manufactare represented a value of 16 lakhs against 19 lakhs of the previous year, and showed a falling off of 3 lakhs. There were no remittances of gold, though they. represented a value of Rs. 42,000 last year ; those of silver fell off by 13 lakhs.

Eastern Coast of Africa.-Other Ports.-Rice, and jowari and bajri were the only articles of any importance exported to these ports; under the former there was, this yenr, a falling off in value of nearly Rs. 40,000 .

Egypt.-Coffeo, cotton piece-goods (grey), whoat, jowári and bajri, dried fruit, seeds, spices, und silk piece-goods are the principal articles exported, but part of the exports registered against this country consisted of cargo booked to Port Said or Suez, "for orders", registered against this country consisted of cargo booked to Port Said or Suez, "for orders",
to be transhipped to Continental or other ports as might be convenient in the state of the market or other circuustances. Cotton, wheat, oils and oil-seed all showed an increase; while there was a decrease in the export of raw silk.

Mfauritius.-The value of the exports had fallen off in $1890-91$ by $4 \frac{1}{2}$ lakhs, but there was a partinl recovery this year to the extent of $2 \frac{1}{2}$ lakhs. The trade, however, was in excess of the average of the last five years by about 2 lakhs. In the shipments of Indian proluce, exports of flour, coffee, and gramn wero larger by about $1 \frac{1}{2}$, \$ and $\ddagger$ a lákh respectively, while there was a smaller trade in pulse, rice, and teakwood by $1, \frac{1}{2}$ lahs under the first, and by about $\frac{1}{2}$ a likh each under the scoond and third items. Under foreign merchandise, cotton piece-goods is the only important item of export; nnder this there was an improveyear.

Natal.-The exports are on a small scale and liable to fluctuation. In 1889-90 they amounted in value to nearly 9 lakhs, but foll off to about 2 lakhs in 1890-91, but they improved again and amounted to 5 lakhs this year, showing an increase of 3 lakhs divided alunost equally between Indian produce and foreign mercbandise. Under the former, rice, flour, and ghi showed larger value by Rs. 51,000 , Rs. 35,000 , and Rs. 16,000 , respectively, and under the latter there was an improvement of Rs. 64,000 under cotton piece-goods, and of Rs. 17,000 under silk piece-goods. There were no transactions in treasure.

Other Countries in Africa.-These comprise Cape Colony, Madagascar, and Tripoli. The trade recorded against them was small and unimportant.
$U_{n i t e d}$ States.-Hides and skins, ivory, old iron, and a few of the seeds and spices are occasionally exported to these States in variable quantities.

Aden.-Tobacco, rice, wheat, jowari and bajri, flour, ginger and pepper of Indian produce, and cotton yarn and cotton piece-goods, as well as sugar of both Indian and foreign manufacture, are the principal articles sent to this settlement. Exports of flour and of ginger were larger in value by 1 lákh, and of yarn as well as sugar by $\frac{3}{4}$ of a lákh each, while cotton piece-goods and jowari and bajri showed a fulling of of 2 and $1 \neq$ lakhs respectively. Rernitances of gold were on a small scale in both this and the previous year, but silver exported was valued this year at nearly 11 lakhs against 3 lakkhs in 1890-91.

Arubia. - The value of Indian produce shipped to this country had declined in 1890-91 by 4 lakha, and there was a further fall this year to the same extent, but exports of foreign merchandise showed a larger value in this and the previous year by 6 and 2 lakhs respectively. This is a large trade comprising articles under most of the principal heads, Lut silk and silk piece-goods, sugar and wool manufactures under foraign merchandise, and coflee, rice, jowári and bajri and other grain under Indian produce, and cotton twist and yarn, as well as cotton piece-goods, both of European and local manufacture, are the prominent items of export. Hemittances of treasure are chiefly madein silver; they amounted to nearly 17 lákhs in value this year, against 9 lákhs in 1890-91.

Ceylın.-This trade has been steadily improving year by year. It amounted in value to about 12 lákhs in 1886-87, and had grown to almost double that amount in the year 1891-92. The exports are divided almost equally between foreign merchandise and Indian produce. The principal items are cotton, silk, and woollen piece-goods of foreign manufacture, and rice, pulse, wheat, and other grain, as well as flour of Indian produce. Flour of local manufncture and cotton piece-goods (foreign) oxhibited an improvement of Rs. 84,000 , and Rs. 87,000 , respectively. Among other fluctuations of smaller value, exports of rice, pulse and other kinds of grain, and of cotton (raw), were larger, while woodmanufactures, kerosine oil, and silk piece-goods marked a falling off. Remittances of silver showed an increase of more than 2 lakhs.

China.-Indian produce exported to China was valued this year at 888 lakkhs, and foreign merchandise at about 11 lakhs. Under Indian produce, the principal articles exported are cotton twist and yarn, and opium, which constituted the bulk of the trade and represented a value of 496 and 354 lákhs, respectively. As compared with the previous yeur, the yarns exhibited a falling off of 46 lakhs, but opium-a larger value by 26 lákhs. The exports of opiam this year amounted to $30,773 \frac{1}{2}$ chests, weighing 38,467 ewts., of the value of Rs. $3,54,60,766$, against 28,137 chesta weighing 35,171 cwts., valued at Rs. $3,27,98,530$, in 1800-91: Kaw cotton and cotton piece-goods (grey) were also comparatively large items of export. Slipments of the former were valued at $19 \frac{1}{\frac{1}{2}}$ lakhs, and showed a decrease of $1 \frac{1}{2}$ lakhs, while those of the latter were valued at 8 lakkhs, and exhibited an improvement of $2 \ddagger$ lákhs. Sandal-wood represented a value of 4 lákhs, and showed an increase of $\frac{?}{\text { flths }}$ of a lakh. Under foreign merchandise exports of fish-maws and shark-fins, old iron for remanufacture, and ivory were smaller, the first showing a decrease in value of $1 \frac{1}{2}$ lakhs, and the second and third of the of a lakh each. Silver last year was sent to the value of 8 lákhs, but there were no remittunces of treasure this year.

Japan.-The principal articles of Indian produce exported to Japan are raw cotton, cotton twist and yarn, and raw wool. Under foreign merchandise, ivory is the only item of any importance. Shipments of raw cotton are year by year increasing in quantity, and they represented this year a value of nearly a crore of rupees, against only 21 likks of the previous year; but the trade in yarns, which at one time promised to develop to a very large extent and open a market for the output of the Bombay mills, has been dropped, the Japanese having since commenced to manufacture yarn locally. The value of exports fell off from 48 to 25 lakhs this year. Raw wool showed a small decrease of lis 8,000, but the exports of ivory were larger by Rs. 13,000 .

Jara -Twist and yarn of local manufacture is almost the only article exported to this island. The shipments commenced to be made from the year 1888-89. The value for the past four years was as follows:-

| $1882-80$. | 1889.00. | 1800.01. | $1891-09$. |
| ---: | ---: | ---: | ---: |
| 19,997 | $1,05,8+2$ | 73,339 | 85,430 |

Muldives. The trade was much the same as that of the previous year. It consists of rice and of cotton piece-goods of foreign manufacture, required for the use of the inbabitunts of the islands.

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=741-32
$$

Mekrin and Sommáni.-This trade is of small dimensions and consists chichy of rice and other grain, cotton goods both of foreign and local manufacture, and raw yilk, artici-s of local consumption. Under Indian produce, rice and wheat showed an improvineat of Rs. 33,000 and Rs. 18,000 respectively, and under foreign merchandise, cotton piect-gron is of Rs. 36,000.

Persia.-This is a large and varied trade and has a tendency to increase. Exportz of Indian produce are on a smaller scale than those of foreign merchandise, which liatter amounted in value this year to three times as much as the former. The comparatively large exports of Indian tea and coffee, as well as of cotton piece-gouds (grey and conl,ural) of local manufacture, were noticeable. Rice too was sent in larger quantities. Remittances of silver were larger by 5 lákhs.

Siam.-Exports consist principally of cotton piece-goods, (grey, white and colourer), of foreign manufacture, in which the trade was larger by Rs. 30,000 . A quantity of critton piece-goods (grey) of local manufacture was also sent this year to the value of Rs. 12, 0iou, against a small exportation last year valued at Rs. 1,600 only.

Straits Settlements.-Cotion twist and yarn of Bombay manufacture were sent to these settlements this year in larger quantities. The exports rose from 8 to 16 lákhs in value, and accounted for the increase in the trade in Indiun produce. The decrense under foreign merchandise was due to restricted shipments of cetton piece-goods, which declined in value by more than a lakh. Remittances of silver fell off by more than a lákh.

Turkey in Asia.-There was an expansion in this trade, under both Indian produce and foreign merchandise, of 6 and 7 lakhs, respectively. The fluctuations were sprend over many items. In the transactions under treasure, there was a decrease under gold of $2 \frac{1}{2}$ lákhs, and an increase under silver of $7 \frac{1}{2}$ lakhs.

Other Countries in Asia.-These comprise Macessar, the Philippines, Sumatra and Dille in Timor. The exports ropresented for the most part cotton twist and yarn of local manufacture, sent thither in the way of opening out the markets.

Australia.-Amongst other articles, apparel, myrabolams (a dyeing material), and fishmaws and shark-fins under Indian produce, and dricd fruit under foreign morchandise are the only items of any importance in the trade. Shipments of the first three showed a larger value by Rs. 13,000 , Rs. 12,000, and Rs. 16,000 , respectively, and those of dried fruit a falling off of Rs. 8,000 .

The following statement shows certain principal articles imported in 1591-92 compared with 1890-91:-

The fluctuations and the causes thereof in the principal articles imported are noticed below:-

Apparel.-Imports under this head include boots and shoes and military uniforms. There was an increase on the total imports of 31 lakhs of rupees. Boots and shoes and military uniforms
twien ly themelres showed a decresse of nearly 2 laths of rupes. The incresse of 31 laths of ropes in the tutal imports whe due to inge consignoments of hdies' and gentlemen's readr-made
 laikhe of rupost het yinr. Articles imported by parcel poost are separately shown under that bradicy. A large giantity of millinery is imported in this way from Europe by private persons for tivir own nue. The United Kinghom sent $231 \frac{1}{2}$ liths of rupees worth, and the rest came

 Austria For instance, grold thread, which used to come chiefly from Hongzong, is largely supphied frism dostria now, as it is cheaper in price, though inferior in quality.

Arus and dumenition-There was a decrease under these heads of Rs.42,961. Dynamite imports showed a decrease of $\boldsymbol{3}$ the of a lath of rupees, while fire-arms, gunpowder, \&ce, showed an improvement of more than it a lakh of rupees. Decrease in dynamite was due to short imfortainns, owing to the completion of the Bengal-Nagpur Railway and the Sind-Pishin Railway. The spocial increase ander the head gunpowder was dae to the fact that two new comyanies in Bomlay got out atocks for sale, the Army and Navy Co-operative and the Civil Service Corperative Sucieties.

Calinet-màre and Furviture.-There was an increase under this hend of $1 \frac{1}{2}$ latho of rupees, chieir due to large importe of bentwood furniture from Austria and Italy-Austria sending 1 laik of rupees more than last year, and Italy nearly $\frac{1}{2}$ a lálich more. The United Kingdom sent abcut the same quantity as last year.

Chemical Prodncts and Preparations.-The whole trade under this head was worth 11 lakhs of rupees this year against $10!$ lílhs in the previous year. The increase was spread over many articles. Imports of sulphuric acid declined 1 lálh owing to the stpck of the previons year remaining on hand, and to local manufactare in Bomlay.

Couls.-There was a very large falling off in the imports of this article, amounting to 303 Likhe, owing to bad rates for freights ruling in the United Kingdom, and to there having been a large lalance remaining on hand at the end of the previons year. Indian coal was purchased from Singarini in Nizam's Territory by the G. I. P. Railway. The Factory Act cansed some diminution in the consumption of csal by stopping work on certain days in the month.

Cufve.-This year an increase of 8$\}$ lalhs of rupees was noticeable in a trade of Rs. $12 \frac{1}{2}$ Laliths. Larger importations of coffee from the Straits Settlements, where crops were good, cansed the increase. Two and a half latlis of rupees worth of this were re-exported to 3rauritius and Red Su ports.

Cofton (raw).-The decrease of $1 \frac{1}{4}$ laths of rupees was due to Persia having sent 5 lees this year, thsugh other countries sent more than their previous year's exporta. The United Kingdom sent 3 likhs of rupees worth of this article to India, while at the same time she took zths of a crore of rupees worth from India. This is explained by the fact that Japan took less yam, and therefore large stocks of coarse yarn remaining on hand, mill-owners were not inclined to make more consse yarn, and so conceived the idea of utilizing the machinery for making fine cloth, which generally comes from Bolton in Lancashire, and is chiefly made from Americab eston, as the staple is finer. For this porpose American cotton was imported.

Couton Piese-goods.-There was an enormons decrease in the imports of this article amounting to nearly Re. 1 crore when compared with the previous year. Large stocks of the previous year and the low rate of exchange were the chief canses of this decrease. This trade is carried in almost entirely with the United Kingdom. A decrease was noticeable under nearly all beads.

Grey Goods contrilated s decrease of $77 \frac{1}{2}$ lakhs.
White contributed a decrease of $6 \frac{3}{4}$ lakhss.
Coloured contribated a decrease of $3 \frac{f}{3}$ likhs.
Grey.-Shirtings, T. cloths, madapollams, jacconets, malls, printers were imported in a less qoantity. Grey drills were imported in a larger quantity.

White.-Shirtings, jacconets showed a decrease; molls, nainsooks an increase.
Dyd ant Coloured.-Shirtings, saris, mulls, jacconets showed a decrease; stripes (Turkey red) an increase.

Coftum Tuist and Yam.-There was a diminution under this head of 19 laths of rupees, duc to the small sapply from the Cuited Kingdom and Austria, which sent $18 \frac{1}{2}$ lakhs, and $t$ of a Lakh lese, respectively, than they did in the previons year. Imports of Turkey red, alizarine, and yellow and other colours, except green, showed a decrease of $22,00,000 \mathrm{lbs}$. weight. Imports of grey mule showed, an adrancement of $16,00,00 \theta \mathrm{lbs}$. weight in 40 s . and $1 \frac{3}{2}$ labhs Its. in 30 s . Imports of water twist declined $5,00,000 \mathrm{lbs}$. weight. The low rate of eachange was in a great measure the canse of this decline, and the large stocks of the previons year too had some effect.

Lruge and Medicines.-The total trade under this head was $20 \frac{1}{2}$ lalhs, and a decrease of Re. 57 , ,yUu was noticeable during the year under report. This was due to smaller imports of . assafcetida and camphor, crude. Decrease of imports in the former was due to the fact that

Chap IV. FRODVCTIOS
DIFYRISDYIOE
petty dealers mix hingra with pure assafotida and pass it off as such : hence the importations of pure assafcetida fell off, while imports of hingra improved, and the dealers sold this mistore for prices very little under those raling for pure assaforida.

Dyeing und Tanning Waterials. -The rise in value under this head amounted to $8 \frac{1}{s}$ lithe of rupees, aniline and alizarine dyes alone accounting for 7 q lakhs. Increased demand on account of the cheapness of these dyes was the cause of the increase. The trade in these articles is carried on with Belgium, Germany and the United Kingdom. Both the forenamed coantrics sent more and the United Kingdom Rs. 2,00,000 less. The large imports of these two dyes interfered with the imports of other dyes, which showed a decline. Saffron this year was imported in larger quantities, though a decline in value of Rs. 44,000 took place. This showed that the saffron was of the inferior quality, called composed saffron. Pare saffron was imported in a smaller quantity this year.

Glass and Glassware.-The total value of this trade was $38 \frac{1}{2}$ lakhs, and during the year. under report an increase took place amounting to 51 lakhs, due chiefly to larger shipments from Belgium and Germany, of all glass except glass beads, false pearls, and window glass. The importation of glass beads from Chinn scems to have fallen off - glass beads from Anstria taking their place, the Austrian glass being more durable. This is another instance of Austria having successfully competed with China in the Indian market (wide remarks under apparel). Imports of window glass were less by 1 lakh of rupees. l'alse pearls decreased by Re. $1,10,000$.

Grain and Pulse.-There was a satisfactory increase of 11 likkhs of rupees in this trade, the total imports being Rs. 19 likhs as against Ra. 8 lakhs in the previous year. Imports of wheat alone showed an increase of ewts. 2 lakhs in quantity and Rs. 9 lakhs in value. There were excellent crops in the Persian Gulf district, and the dealers exported more largely, as there was a great demand in Bombay for grain to send to France and other countries to make up the deficit caused by the restrictions put upon exports of grain from Russin. Barley and jowari were received this year from Persian Gulf ports in larger quantities to the extent of ewts. 1,39,140, valued at Rs. $5,58,3: 40$. This trade was not separately registered in previous years.

Hardware and Cutlery.-The decrease under this head of Rs. 89,712 was unimportant, the value of the trade being 52 lakhs. Exchange was low, and smaller indents were made upon England. The United Kingdom and Austria sent less, while Belgium and America sent more than in the previous year.

Ivory and Ivory-vare. -The dedrease of $5 \frac{1}{2}$ lakhs of rupees in a total trade of $27 \frac{1}{2}$ lakhs was large. German companies inereased in number in Africa, and they bought op the ivory and shipped it direct to Europe. Out of $27 \frac{1}{2}$ lakhs, 15 lakhs were reexported to Europe.

Jemellery. -This trade was carried on to much the same extent as formorly.
Leather.-An increase of Rs. $1,72,654$ in a trade of 12 laklis was observed this year and was due to larger stocks of leather-made artieles having been imported, the two co-operative stores newly started having imported bags, anddlery, \&e., in large quantities. These imports were almost entirely from the United Kingdom.

Liquors.-There was an increase of nearly 4 lakhs of rupees altogother:-

|  |  |  | If. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ', | Ale, beer and porter showod ap increaso of | $\cdots$ | ... |  | lakha. |
|  | Spirite . $\quad$ il .. | ... | ... | 15 |  |
|  | Wines and liqneurs... | ... |  |  | " |

In a total trade of 41 gajeks this was a small increase. Importa of ale, beer, and porter oteadily increased.

Brandy.-There was a decrease under brandy of 9,200 gallons in"'quantity, and Rs. 68,000 in value owing to the prevalent preference for whisky.

Gin showed an improvement of Rs. 14,000 in value and of 4,271 gnalions in quantity.
Rum showed a trifling decrease.
Whisk!y improved from Re. $5,99,000$ to Rs. $8,86,400$ in value and from $1,03,200$ to $1,09,800$ gailons in quantity.

Wines and Liquenra.-There was an improvement under this of Rs. 24,305 , to which cbampagne eontributed Rs. 13,000. Clarot fell off in quality, but not quantity, as more claret was exported than last year, while the value was Rs. 6,0u0 less. Italy was the country which sent this cheap claret to Bombay.

Muchinery. - The total imports were $89 \frac{1}{2}$ Lakhs against 93 dakhs in the previous year. This was entirely due to smaller imports of machinery for mills, the ereation of which stopped during the year under report. Again, exchange ruled so low that mill-owners did not indent for machinery so largely as they did in the previons year when exchange was not so bad.

Matches.-An improvement of $1 \frac{3}{4}$ líkhs of rupees was noticeable this year in this trade. The United Kingdom, Norway, and Sweden send matches, and this year all countries sent more. A large consignment was also received from the Straits Settlements, owing to a cargo of motehes having been exported from Osaka in Japan to the Straits Settlements, where there was nu market, and the matches were sent on to Bombay.

Bfetals.-The total imports under this head showed a decline of 8 lalkhs of rupees, due to smaller importation of iron, the imports of which fell by 16 lakhs, imports of $1890-91$ being 83 lakha, and of 1891-92 being ${ }^{67}$ lakhs. A large iron importer died and had on hand a large stock. Other smaller dealers, thinking that on the death of this iron dealer their business would flourish, also imported in that year largely. This left large stocks on hand in 1890-91, and the iron was purchased from these stocks by local merchants instead of indenting on England and other places for it. Again, exchange was so bad that it prevented dealers from ordering stocks out from Europe. It was also suggested that an inferior kind of steel, which is much superior to iron, and which is sold at a rate very little in excess of iron, had some share in this decrease of imports of iron. This kind of steel was imported to the extent of $8 \frac{1}{2}$ lakhs, being in excess of last year's shipmente by $2 \frac{1}{2}$ lálehs.

Copper.-Imports of copper improved during the year under report by over 18 lakhs of rupees, owing to large imports of wrought copper on account of the cheap prices ranging in the -European market, owing to the large out-put from the American mines of the Montana District. Large exporta by rail of copper were made to the North-West Provinces for ultimate despatch to Kabul for the Amir of Kabul's mint, and to the Persian Gulf.

Stcel.-The total imports diminished by $2 \frac{1}{2}$ lakhs of rupees, steel hooping having largely declined owing to small exports of cotton bales. British and foreign steel of inferior quality increased by $2 \frac{1}{2}$ lakhs. This last description of steel is of very poor quality, but cheap, and many articles formerly made from iron are now made from this steel, which is moredurable than iron and not much more expensive.

Tin declined by 1 lakh of rupees. The whole of the trade is with the Straits Settlements. A small outturn at Singapore and large shipments to European markets diminished the supply to Bombay.

Oils.-Kerosine Oil-There was a falling off of $8 \frac{1}{2}$ lakhs of rupees ind this import. This oil comes from New York and Batoum. Imports from the latter place were driving the New York oil out of the market. The imports of this oil from New York in 1890-91 were 20,54,788 gallons, valued at Rs. $10,12,048$ and in 1891-92, 12,51, 168 gallons of the value of Rs. $6,24,854$, while Batonm oil was imported to the extent of $1,22,91,360$ gallons, valued at Rs. 51,47,997 in 1890-91 and $1,13,40,012$ pallons of the value of Rs. $46,75,985$ in 1891-92. Heavy stocks on hand also tended to lessen the imports. The New York oil is more expensive but is superior, both as to light-giving properties and to combustion.

Mineral Oils-Other kinds.-These showed an increase of Rs. $2,20,000 \mathrm{in}$ value and of gallons $1,72,000$ in quantity owing to a larger supply being required for lubricating purposes in mills. This oil comes from the United Kingdom.

Vegetalle Oils.-These decreased by $2 \frac{1}{2}$ lákhs in value owing mostly to smaller imports of cocoanut oils from Ceylon and Mauritius.

Paper and Pasteboard.-An advance in value of 3 lákhs of rupees was noticeable. Printing paper declinod by 4 of a lakh. Writing paper improved by 1 lakh. Other kinds of paper increased by $2 \frac{1}{2}$ lákhs.

Provisions showed an increase of $12 \frac{1}{2}$ lakhs of rupees in a trade of 69 lakhs. This was attributable to the fact that two co-operative companies started in Bombay and imported provisions largely. Again, there was a tine date crop in the Persian Gulf district. Dates showed an increase of $5 \$$ lakhs, other dried fruit of 3 lakhs, and other kinds of provisions of Rs. 68,000 .

Railvoay MFaterials.-There was a decrease of 81 lakhs of rupees under this head due to a falling off in demand for carriages, trucks, sleepers, rails, fish-plates, \&e.; also to the completion of two railways, the Sind-Pishin and the Bengal-Nagpore Railways. Engines and tenders showed an increase of 5 lakhs of rupees.

Sechs showed an increase of $1 \underline{1}$ lákhs of rupees due to large imports of poppy seed and gingelly seed from Persia and Zanzibar, where large crops were obtained.

Ras Silk.-This article from China showed an improvement of 18 lakhs of rupees, owing to an enormous outturn being obtained there. Prices lowered and a demand set in in Gujarát and Bengal, where hand-weavers took large quantities.

Silk Piece-goods.-An increase of $29 \frac{1}{y}$ lakhs of rupees occurred nnder this head. Mrixed Silk Piece-goods increased by $11 \frac{1}{2}$ lákhs. This trade is carried on with France, Italy, and the United Kingdom. China produce does not figure under this head. The small stocks existing from the previous year accounted for the excess.

Silk Piece-goods (pure).-An increase of 173 lalkhs took place in the import, Hongkong contributing 10 lákhs of rupees, France 4 lakhs of rupees, Italy $1 \frac{1}{2}$ lakhs and the United Kingdom $\frac{1}{2}$ a líkh of rupees.

Spices showed a decrease of 4 lakhs, due to smaller imports of cloves. Poor crops were realized, while large shipments direct to European ports took place. Betelnuts improved by 1 lákhs. Nutmegs declined by 1 lákh.

Sugar.-The imports this year showed a decline of Rs. $64 \frac{1}{2}$ lálbs. The imports from all conntrics showed a decline, Hamburg heading the list with $34 \ddagger$ lakhs, Mauritius and the United Kinglom coming next with a decline of $11 \frac{1}{2}$ lakhs each, and Hongkong with 37 likhs. The decline was due to there being in 1889-90 a bad crop of sugarcane in Mauritius, and to the:
great demand in 1890-91 for sugar in the Bombay market for which the supply from Mauritiu was not adequate, so that Hamburg sugar found its way into the market. In 1890-91 the sugarcane crop being good the supply of sugar in the market from Mauritius was equal to the demand, and less Hamburg sugar was sent ont. Hamburg sugar is higher in prico, and cannot, therefore, compete with that from Mauritius. The famine in Southern India, moreover, affected the purchasing power of the people, and the low exchange had a bad effect on the market.

Teea.-The total import trade in this article amounted to $42 \pm$ likhs of rupees, and $59,50,708$ lbs, against 31 lákhs of rupees and $43,50,025 \mathrm{lls}$. in the previons year. Out of this quantity lbs. $32,00,000$ valued at 30 l lakhs of rupees were re-exported to Persian Gulf ports. China, Ceylon, and the Straits Settlements sent tea. Imports of black tea were 20,52,000 lıs., valued at 12 i lákhs of rupees, an excess over last year of $9,00,000 \mathrm{lbs}$., valued at $5 \frac{1}{2}$ lukhs of rupees. Imports of green tea amounted to lbs. $37,93,000$, valued at $29 \frac{1}{3}$ lakhs of rapees, being in excess of last year by $5,99,000 \mathrm{lbs}$, valued at 8 lakhs of rupees. Green tea is little used in this conntry excopt by Moguls, and is nearly all re-oxported. Ceylon tea competed successfully with . China tea.

Wool.-There was a decrease under this head of $5,80,946 \mathrm{lbs}$., valued at 18 likhs of rupees, in a total trade of $26,18,551$ lbs., valued at $7 \frac{1}{2}$ lákhs of rupees, owing to a smaller demand. Lbs. 26, 18,500 , valued at $7 \pm$ lakhs, were imported into Bombay, and lbs 19,12,700, of the value of $8 \frac{1}{1}$ lakhs, exported this year against lbs. $31,99,400$, of the value of 9 lakhs, imported and lbs. $39,30,360$, valued at 18 lakhs, exported last year. Lbs. $25,06,000$, of the value of 7 lákhs of rupees, were imported from Persia, lbs. 62,800, valued at Re. 15,000 , from Muskat, and lbes 22,000, of the value of Rs. 6,000, from Bassorah ; almost all was re-exported.

Woollen Piece-goods showed a small decrease, caused by an inferior article, called felt cloth, being sent to India from Germany and Austria, which sold freely owing to cheapness. The United Kingdom sent 41 $\ddagger$ lakhs of rupees worth of its broadcloth, and Spanish stripes. The United Kingdom excepted, all countries sent less of this article.
Articles exported to
Fozeign Countries.
The following statement shows certain principal articles exported in 1891-92 compared with 1890-91 :-


Remarks on exports of articles of Indian Production.

The fluctuations under important heade are noticed below :-
Coffee.-The exports in this artiele improved by 21 lakhs of rupees in a total trade of 121 lakhs. The cause for this was that nearly all the countries dealing in this trade, with the exception of Egypt, took more this year, Persia heading the list with an excess of $1 \neq$ lakhs. The above does not include the figures for coffee reexported, which showed an increase of $1 \frac{1}{2} \frac{1}{2}$ lakhs of rapees in a trade of only $2 \frac{1}{2}$ lákhs.

Cotton (raw). -There was $n$ heary decline in the exports of this article, amounting to nearly 34 per cent., the trade falling from 13 crores last year to $8 \frac{2}{2}$ crores of rupees this year. Large cotton crops in America and low prices ruling there, induced the mill-owners in the United Kingdom to take larger stocks from America. The Indian cotton crop was generally below the mark, and in the Dharwar District it failed.

The following tulle shows exports of hales of ection of $3 \frac{1}{2}$ ewts, for the prat five years:-


Coll $n$ Twidf and Yarn.-There wes a great falling off in this export, amounting to half a erore of rapees. Thin whe owing to the fact that, last year, there was an umsially large exportation, and also that Japen was this year making ite own twist and yarn The following table shows transections in yarn for the past five years and the coantries to which it was exported :-

| Comere | Hosen | บecen |  | $1200 \cdot 1$. | yenat. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lhat | Lbs. | 12. | 1bs | 12. |
| Crina | 8,82, 30,095 | 9,63.54,545 | 10,48,92,075 | 14,n9,11,1\% | 2,95,48,593 |
| Jape -.. ... | 1,72,94,106 | 2,25,07,460 | 2,95,02.854 | 1,15,26,430 | 68,76,850 |
| Simite Setilements | 8,48,449 | 15,93,735 | 15,12.E99 | 19,84.103 | 38.89,210 |
| Ade - .-. | 13,54,010 | 13,26,912 | 17,59,393 | 18,51,22\% | 29.31,09\% |
| Tertey is Amia | 3,55,600 | 3,03,500 | 8,71,600 | 2,43,150 | 2,36,070 |
| Arabie ... | 2,76,305 | 261,255 | 2,80,525 | 2,98,610 | 4,40,330 |
| Poris ... | 79,585 | 1,39,026 | 1,51.811 | 3,23,123 | 3,90,785 |
| Jara … -.. | ..... | 46,400 | 2,23,6,0 | 1,58,435 | 1,50,050 |
|  | $\ldots$ |  | 14,000 | 10.000 | 1,73,700 |
| Rzype … |  | 1,400 | $\cdots$ | 2,100 | 2,71,248 |
| Extern Conat of Africer Zamibar | 65,800 | 64,343 | 50,575 | -46,391 | 1,17,986 |

The chiof falling off was under mule twist, which exhibited a decrease of libe $35,27,000$ in quantity, and of Rs. $60,80,000$ in value.

Cotton Fiece-goods:-In this export there was an increase of $41!$ lakhs of yards, valued at 6 kiths of rupees, which was due to the countries dealing with India taling more goods in the rear under report, as the prices were lower owing to the cheapness of cotton. Piece-goods are chased under three heads, grey, white, and coloured, and the pleces to which they are hargely exported are Abyminin, Dlozambique, Zanzibar, Aden, Arabis, China, Persia, and Turkey in Asia

Grey Pirce-goods.-The total exports of grey goods amounted to $5,39,65,876$ yards, of the value of Rs. $61,19,194,2$ gainst $5,13,02,266$ yards, valned at Rs. $53,90,472$, in the previous year, Zancilar taking $1,86,20,472$ yards, valued at Re. 17,91,651, Aden 1,02,53,358 yards, of the value of R6. $13,60,675$, China $63,95,432$ yards, of the value of R6. $8,38,725$, and Mozambique $\mathbf{8 5 , 5 5 , 3 3 6}$ yards, valued at Rs. $7,98,113$.

White Piece-goods. The total exports of white amounted in value to Rs. 42,000, against Rs. 8,000 last year, Aden taling most of it.

Coloured Pieco-goads. -There was an advance in coloured, to the extent of 3y likks of rapees, the total exports this year being $4,500,260$ yards, of the value of Rs. $10,83,429$, against $28,75,699$ yarde, ralued at Re. $7,39,821$. Of these goods Aden took $15,02,320$ yands, of the value of Rs. $3,31,803$, Persia $5,04,779$ yarde, of the value of Rs. $2,05,946$, Arabia $7,81,526$ yards, valued at Rs. $1,86,526$, and Zanzihar $5,45,043$ yards, of the value of Rs. $1,31,671$.

Dyeing and Tanning Materinls.-There was an increase of $7 \frac{1}{2}$ lalhs in this trade, chieffy due to excessive exportations of myrabolams, the United Kingdom taking 23 lalkhs worth of this article. Indigo showed an improvement of İ lákhs, and myrabolams 5 lákhs of rupees in value.

Grain and Pulse.-There was a very large advance in this export, amounting to 43 crores of rupees over bat year. Such an improvement had not occurred before, and as it was cansed in the famine in Russia it is hardly likely to be continnous. The chief article under this head is "urheat," which was exported to the extent of $1,44,30,808 \mathrm{cwts}$. against $62,12,143 \mathrm{cw}$ cas in the previous year. The following table will show the wheat transactions and the countries to which it was sent:-


The prohibition of the export of grain from Russiaand the good crops in India stimnlated the export of wheat from India to those parts which gererally depend upon supplies of wheat from Russia.

Jotári and Bajri.-These two healings are classecitogether, though the exports of bíjri were very small. The exports were valued this year at 15 . lakhs against $\ddagger$ a lakh last year ; jowari was largely exported owing to the same causes as trose given under wheat. Jowari waw used for mixing with wheat flour to cheapen it, as pure what flour was expensive. It is also known that jowári was used for purposes of distillation. The countrice to which jowarri wan exported are :-United Kingdom 381,047 cwts., valued at Rr. 11, 37,956 agninst 1 ewt. of the value of Rs. 3 only ; Abyssinia, $560,3+6 \mathrm{cwts}$. of the value of $\mathrm{Rs} .18,30,612$ actainat $450,7 \mathrm{~s} 7$ ewts. of the value of Ms. $15,73,160$; France, 86,714 ewts. valued at Rs. 2,70,796, and Belgium $67,434 \mathrm{cw}$ ts. of the value of $\mathrm{Rs} .2,10,983$, against nothing lant jear.

Seeds.-Under this heading there was an improvement of 2 isith crores of rupees, chiefly due, to large exports of linseed, rapeseed, and til or gingelly sced.
linseed showed an increase of $1 \ddagger$ crores of rupees out of a total trade of 31 crores of rupees. France took $1,614,480 \mathrm{cwts}$, valued at Rs. $1,06,24,793$; the United Kingdom, $95 \pm, 408$ ewts. of the value of Rs. $63,22,4+9$; Holland $8,39,953$ cwts. of the value of Rs. $57,24,2 \cdot+4$; Belgriom 778,926 cwts. of the value of Rs. $51,01,594$; Italy 369,814 cwts. of the value of Rs. $24,72,513$ and Germany 134,412 ewts. of the value of Rs, $8,94,324$.

Rapeneed showed an increase of 45 lakhs of rupees in a total trade of nearly a crore of rupees. France took $714,423 \mathrm{cwts}$ of the value of Rs. $51,54,9+40$; Belgium $397,568 \mathrm{cwts}$. of the value of Rs. $29,29,512$; Germany 153,809 ewts. of the value of Re. 10,40,743, and Italy 54,304 ewts, of the value of Rs. $3,69,277$.

Til or Gingelly Seed showed an increase of 19 lakks of rupees in a total trade of 111 liskhs of rupees. France took 1,079,047 cwts., valued at Rs. $86,80,143$; Italy $245,3,36$ ewts., valued at Rs. $19,10,395$; Egypt 25,012 cwts., valued at Rs. $2,00,398$; Belgium 22,996 cwts., valued at Rs. $1,77,803$; and Germany $20,002 \mathrm{cwts}$, valued at Rs. $1,65,530$. The exports to France were harger in value by 29 lakhs of rupees. There was a bountiful crop of seeds this year everywhere in India.

Tea.-Exports in tea amounted to 204 lakhs of rupees, or more than last year by 131 lakhs. Tea was exported largely to Persia, 17 lakhs out of $20+$ going there. Through Persin, it finds its way to Central Asian markets.

The following table shows the exports for the past ten years :-

| Yoars. |  |  |  |  |  |  |  |  | $\begin{gathered} \text { Unttod } \\ \text { Kinglotr. } \end{gathered}$ | Anbin. | Peras. | Turkey in Asia. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Lbs. | Lbs. | Lbs. | Lbs. |
| 1882 -83 | ... | ... | ... | ... | $\cdots$ | ... | ... | ... | 27,079 | 105 | 10,777 | 14,487 |
| 1883-84 | ... | ... | ... | ... | ... | ... | $\cdots$ | ... | 25,184 | 450 | 10,233 | 22,796 |
| 1884-85 | ... | ... | ... | - | ... | ... | ... | ... | 6,561 | .... | 31,832 | 36,53:6 |
| 1885.86 | ... | ... | !. | ... | $\ldots$ | ... | $\because$ | . | 7,317 | 355 | 24,061 | 18,403 |
| 1886.87 | ... | $\cdots$ | ... | ... | .. | ... | ... | $\cdots$ | 9,707 | 425 | 1,71,637 | 48,474 |
| 1887.88 | ... | ... | ... | ... | ... | ... | ... | - | 18,028 | 2,448 | 2,02,838 | 48,545 |
| 1888.89 | ... | $\cdots$ | $\cdots$ | ... | ... | ... | ... | ... | 22,907 | $\cdots 5,498$ | 3,81,385 | 57,507 |
| 1889.00 | ... | ... | ... | ... | ... | ... | $\cdots$ | $\cdots$ | 27,162 | 15,886 | 8,54,158 | 03,578 |
| 1890.91 | ... | ... | ... | ... | ... | ... |  | ... | 44,513 | 31,150 | 0,15,391 | 84,505 |
| 1891.92 | ... | ... | ... | ... | ... | ... | ... | $\cdots$ | 10,817 | 45,681 | 21,97,694 | 3,31,927 |

[^13]The gross amount of Customs duty collected on imports and exports is shown below :-


TRADE
This is distritated as follows:-
Imports.


Exports.

|  | ** | - |  |  |  | 1800-01. | 1801-92 | Increase or decrease in 180198. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Res. | Re. | Re. |
| Grain and Pulec-Rice and Paddy |  | ** | ... |  |  | ** | ... | 2,04,094 | 1,79,100 | -24,994 |



The number of vessels entered was larger by 72, but there was a decline in the burthen of 20,038 tons. In the clearances, the number was larger by 170 , and the tonnage by $2,94,019$ tons. The total number of veseels entered and cleared was larger by 242 , and their total tonnage grester by 2,73,983 tons.

The proportion of steam to eailing vessels entered and cleared with cargoes in the year 1991-92 was as follows:-


The nationality of vessels, (steam and sailing), entered and cleared with cargoes was as follows:- Nationality of


2 $241-34$

Ch ap. IV: PRODUGTIOK DISTREIBUTIOK.
Entriea and
clearances in ballast.

The total number of vessels entered and cleared in ballast was 178 against 52 , and the tonnage 232,698 , against 70,353 tons in $1890-91$. The number cntered was greater by 125 , and the tonngge by 215,808 tons, while under clearances the number of vessels was amaller by 4 , and the tonnage by 3,460 tons. Of the total number of vessels entered, 146 were British, and 1 Arab; of those cleared, 21 were British, 1 American, and 4 Native craft. There were this year 502 arrivals and 442 departures of steamers, vid the Suez Canal, against 393 arrivals and 301 departures in 1890-91.

The total figures of the coasting trade of the Port of Bombay are noted below. They
Total CosatingTrade, export and import. comprise imports from and exports to-

> I.—Foreign Indian ports.
> II.—British porte in other Presidencies, incliding. Sind...
> III.—British ports within the Presidency.

Transactions in Gqvornment stores and treasure are also shown, but are not included in the totals:-


The aggregate value of the coasting trade of the Port of Bomlay amounted this year to Rs. $18,64,20,250$, arpainst Rs. $20,18,84,560$ in 1890-91, showing a decrenee of Re. $1,54,64,310$, the decrease in merchandise and treasure being $\mathrm{R}_{\mathrm{g}} \cdot 1,39,07,913$; and $\mathrm{M}_{\mathrm{g}} .15,56,397$, respectively. Under imports, merchandise represented a value of $\mathrm{R}_{s}$. $9,95,88,724$, against $\mathrm{M}_{s}$. $11,64,08,670$ in 1890-91, showing in falling off of Rs. $1,68,19,946$, while the transactions in treasure were valued at Rs. $10,07,117$, against Rs. $10,35,081$, or nearly the same as lust year. Under exports, merchandise was valued at Rs. $8,09,96,527$, against Rs. 7, $80,84,494$, an improvement of Rs. $29,12,033$, partially set off by a decline of Rs. $15,28,433$ in the transactions under treasure, which amounted this year to Re. $48,27,882$, against $\mathrm{Re}_{\mathrm{B}} \mathbf{6 3}, 56,315$. The import coasting trade of the Port of Bombay represented for the most part shipments from the coast ports of country produce for subsequent exportation to foreign countries, and the export consting trade consisted principally of foreign merchandise sent from Bombay to the interior vid cone coast ports.
Import Coasting
Trade.

The import coasting trude is recorded under two divisions :-(1) importe of Indian produce and (2) imports of foreign merchandise. The former was this year valued at Rs. $9,77,77,801$, and the latter at Rs. 18,10,923. Under the imports of Indian produce there was a larger trade in coffee, cotton twist and yarn, indigo, cocoanuto, cocosnut kernel or copra, jowiri and bajri, grain (other sorts), hides and skins, horns, jute manufactures, spirits (other sortu), dils (vergetable), seeds, spices, tea, and wool (raw), while coir manufactures, cotton (raw), rice and paddy, wheat, salt, sugar (refined), and sandalwood showed mmaller values. Under imports of foreign merchandise hops, machincry and mith-work and sajirar (seed) were items of larger trade, though horses, metals, dried fruit, and wool (raw) showed smaller value. In the imports of treasure, guld was valued at $\mathrm{Rs} .6,570$, and silver at $\mathrm{Hm} .10,00,547$, against $\mathrm{Ms}, 9,580$, and $\mathrm{Ms}, \mathrm{TO}, 25,521$, .rspert.
ively, in the previons ycar. The import coanting trade with each Presidency or Provino, and draqiniputyok: with Indian porte not British, is exhitited in the subjoinod statement:-

|  | 120009. | 1801-02 | Inoremed io 1891-02. | Decruese in 1891-00. |
| :---: | :---: | :---: | :---: | :---: |
|  | Re. | Rs. | - - Res. | Re. |
| British Portn in other Presidoncies- | 1,63,36,265 | 1,86,94,682 | 3,58,417 |  |
| Mairas Presidency | 1,27,09,955 | 1,25,23,316 | 7 | 660 |
|  | 56,03,414 | 1,20,58,972 | $\cdots$ | 1,86,639.- |
| Sind $\quad$... | 98,36,816 | 99,10,376 | 73,560 | 25349,442 |
| Total ${ }^{-}$ | 4,44,85,450 | 4,41,81,346 | ....:\% | - 3,04,104 ${ }^{-}$ |
| British Ports within the Presidency | 2,25,65,094 | 2,19,98,167 | -.7* | \$,66,927 |
| Indian Porte not Brilish- |  |  | . |  |
| Cutch -.. | . $24,79,417$. | - 16,82,626 | - .. .:: | - 7,96,791 |
| Káthiáwar $\quad . .$. | 9,26,00,469 | 1,90,61,968 |  | 1,35,38,506 |
| Fureign Knnkan.... ... | 1,88,773 | 3,06,036 | 1,17,261 | ...... |
| Gák wár's Territory ... | 4,32,741 | 5,48,4:1 | 1,15,680 |  |
| Cambay - | 1,89,783 | 1,99,473 | 9,690 | - |
| Stale of Trayaucoro | 25,35,065 | 81,71,441 | 6,36,376 |  |
| State of Cochin ... | 43,329 | 49,735 | 6,406 |  |
| Goa ... ... | 1,17,73,224 | 92,07,342 | .... | 25,65,882 ${ }^{*}$ |
| Daman ... ... | 15,788 | 10,777 | ...... | 5,011 |
| Diu ... ... | 71,644 | 62,620 | ..44. | 9,024 |
| Pundicherry ... ... ...t | 35,189 | 7,04,025 | 68,876 | -....- |
| Mahé | 27,783 | 11,869 | , | 15,914 |
| Total | 5,03,93,207 | 3,44,16,328 | ...... | 1,59,76,879 |
| Total of all Ports . | 11,74,43,75i | 10,05,95,841 | -\%em | 1,68,47,910 |

Like the import, the export cossting trade is also divided into two classes $\div$ - (1) exports of Export Coasting Indian produce and (2) exports of foreign merchandise ; the former was valued at Rs. 3,79,30,958, Trade. against Rs. 3,71,59,881, and the latter at Rs. 4,30,65,569, against Rs. 4,09,44,613 in 1890-91, both showing an improvement of Rs. 7,91,071, and Rs. 21,20,956, respectively. Exports of treasure showed a value of Rs, 48,27,882, against Rs. $63,56,315$, iri 1890-91, the transactions in gold being valued at Rs. $1,82,961$, against Re $1,28,215$, and those in silver at Rs. 46,94,921, against Re. 62,28,100 last year. In the exports of Indian produce there was a larger trade in cotton (raw), grain and pulse, oil-aake, provisions, and spices, while cọtton twist and yarn, cotton-piece-grods, jute-manofactures, oila (vegetable), sugar, and stone and marble showed a smaller value. Under foreign merchandise, cotton piece-groods, aniline dyes, bardware and catlery, and dried fruit showed an improvement, but metals, sugar (refined), and kerosine-oil, a falling off. The export coasting trade with each Presidency or Proxince, and with Indian ports not British, is noted in the following statement:-

|  | 1880.9n. | 1891-92. | Increave in 1801-92. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | R. | Rs. | - Ros. $:$ | Rs. |
| British Ports in other Presidencies- | 1,18,77,351 | 1,15,60,026 |  | 3,17, |
| Madrus Prosidency ... ... | 1,49,82,198 | 1,68,21,587 | 18,39,369 |  |
| Eritish Burmu ... | 34,63,788 | 39,09,513 | 4,45,725 | ...... |
| Gind | 2,15,87,380 | 2,49,58,938 | 33,71,558 | ........ |
| Total | 5,19,10,717 | 6,72,50,064 | 53,39,347 | +..... |
| British Ports vithio the Premidency | . 1,04, 54,461 | -93,84,120 | - ... | 10,70,335 |
| dian Portes not British- |  |  |  |  |
| Cutch ... | 31,04,181 | 28,39,834 | $\cdots$ | 2,64,847 |
| Kı̇Chiáwír . $\quad$. | 1,35,15,562 | 1,05,69,695 | ..... | 29,45,867 |
| Foreign Konkan - | 2,11,940 | 2,16,050 | 4,110 | ...... |
| Gaekwar's Territory . ne | E,38,904 | $5,46,851$. | $\cdots$... 7,947 | $\cdots$ |
| Cambay ... -.. | 2,03,0uz | 1,84,687 |  | 19,005 |
| State of Travancorg. ... .es | -9,44,601 | - 9,92,832 | 28,231 | ...... |
| Stase of Cochin |  | 5,784 | 5,784 |  |
| Gua .... | 33,40,3348 | 36,83,010 | 3,42,672 | :..... |
| Jrman $\quad \rightarrow$ | 56,1\%9 | 23,565 | ...... | .. 32,574 |
| Diu | 81,866 | 69,742 |  | 12,124 |
| Yondicherry | 49,142 | 58,669 | 9,507 | ...... ${ }^{\text {a }}$ |
| Mahty Karikal | 3,704 | +..0. | .. | 3.794 5452 |
| Karikal | 5,462 | ...... | ..... | 5452 |
| Total | 2,20,75,681 | 1,91,90,219 | ....... | 28,85,412 |
| Grand Total | 8,44,40,809 | 8,58,24,409 | 13,83,600 | . .... |

The following statement shows, in comparison with the previous year, the number and Coarting Shipping. tonnage of vessels which entered and cleared with cargoes from and to coast ports :-


Summary of Trade and Shipping of th
Port of Bombay.

The entire trade and shipping of the Port of Bombay are summarized and compared with the results of last year in the subjoined statements:Trade.


## Subordinati Portb of tere Peestimnot Proper.

The aggregate import and export trade of the continental ports of the Bombay Presidency, Trade of the exclusive of Government stores and treasure, was valued this year at Rs. $6,98,32,389$, showing sabordinate Ports of an improvement of Rs. 21,11,288, or about 3 per cent. on that of the previous year, when the the Preaidency value amounted to Rs. $6,77,21,101$. Compared with the preceding five years, the trade was only a little under the average, Rs. $6,98,79,024$. The whole trade may be divided and compared with that of the previous year as follows:-

| Names of Dividons. | 1890-91. | 280109. | Incrues in ispone | Docrowe in 1892-90 |
| :---: | :---: | :---: | :---: | :---: |
|  | R. | Re. | : Re. | Re. |
| Froreign Estermal Porta | 3,12,615 | 4,45,685 | 1,33,070 | .....* |
| Foreign Indian Ports ... | 75,58,983 | 82,52,375 | 6,95,392 | ...... |
| British Porta in other Proeidenciod | $\begin{array}{r}78,07,705 \\ \hline\end{array}$ | -96,29,193 | 18,21,489 | 5 |
| Dow in the Bombay Preaidoncy | 5,20,43,798 | 5,15,05,136 | ...... | 5,38,662 |
| Total .. | 6,77,21,101 | 6,98,32,389 | 21,11,288 | ...... |

The following table shows separately the value of imports and exports in the trade with Foreign Trade. foreign countries during the years 1890-91 and 1891-92:-

| Importa |  |  | 1800-92. | 1891-92. | Increase in $1891-92$ | Docrease in 1891-02. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { … } \begin{array}{l} \text { Merchandise } \\ \text { Treasure } . . \end{array} \\ \cdots \quad \text { Total } \end{gathered}$ | Rs. | Re. | $\mathbf{R}_{\mathbf{p}} \text { - }$ | - Be... |
|  |  |  | 3,10,134 | 4;43,023 ...... | 1,32,889 ..... | .-. |
|  |  |  | 8,10,134 | 4,43,023 | .1,32,889 | ... |
| Exporta | $\cdots$ | $\ldots\left\{\begin{array}{l} \text { Merchandise } \\ \text { Treasara ... } \end{array}\right.$ | $\begin{array}{r} 556 \\ 1,925 \end{array}$ | $\begin{array}{r} 137 \\ 2,525 \end{array}$ | $\cdots 600$ | ${ }^{419}$ |
|  |  | Total | 2,481 | 2,662 | 600 | 419 |
| Total ... |  | $\text { ... }\left\{\begin{array}{l} \text { Merchandise } \\ \text { Treasure ... } \end{array}\right.$ | $\begin{array}{r} 3,10,690 \\ 1,925 \end{array}$ | $\begin{gathered} 4,43,160 . \\ 2,525 \end{gathered}$ | $\begin{array}{r} 1,32,470 \\ 600 \end{array}$ | .......0 |
|  |  | Grand Total | 3,12,615 | 4,45,685 | 1,33,070 | . $\quad .$. |

The foreign trade at the coast ports consists partly of cargo brought and carried direct by Arab and other vessels coming from Bassorah, Muskat, Melkrán and Sonmiáni, Maldives, \&e., and partly of transhipmente of cargo mnde at Bombay from these vessels, as well as from steamers and vessels coming from the Europenn and other ports. The imports of merchandise were valued at Rs. 4,48,023, against Rs. $9,10,134$ in the preceding year, showing an increase of Rs. $1,52,889$, chiefly due to larger trade under coal and dried fruit (dates). The exports of merchandise-represented a value of Rs. 137 only. The transactions ander treasure were confined exclusively to exports, and amounted in value to Rs. 2,525 only.

The following table shows the distribation of the foreign import trade according to Foreign Importa. countries:-

United Eingdom
Eastern Cosit of Africa-Zansibar
Arahio-Mosk
Trabisey in Asis-Bansorah
Mekrán and Sonmiáni

|  | 1800-91. | 1801-92. | therewe in 1801-02. | Decromse in 1891-82 |
| :---: | :---: | :---: | :---: | :---: |
| - | Re | Rs. | - Rs. | Rs. |
| -70r | 1,88,252 | 1,82,735 | 44 | 5,517 |
| ... | 17,331 | 23,305 | 6,974 | ....... |
| ... | 87,364 | 2,06,152 | 1,18,788 | ...... |
| ... | 17,187 | 30,384 | 13,197 | ...... |
| Total | 3,10,134 | 4,43,023 | 1,32,889 | -ヘ... |

United Kingdom.-Imports of dynamite, cement, iron, and lead into Trombay in 1890-91 of the aggregate ralue of Rs. 67,000 were not repeated. Coal, however, received at Trombay, Broach, and Surat showed a larger value by Rs. 44,000 . This, as well as a consignment of machinery valued at Rs. 14,860, a quantity of iron and steel of the value of Rs. 8,472, and paper valued at Rs. 1,950, imported at Broach during this year, helped to keep up the trade to nearly the same level as last year.

Zanzilar.-A quantity of oil-cake of the value of Rs. 447 was imported at Gogha by direct transhipment vid Bombay.

[^14]Arabia-Mruskat.-Lime-stone is imported from this place at Broach and Surat. It represented this year a value of Re. 17,500, against Rs. 14,800 in 1890-91. Mate, dates, and salted fish were also imported of small value.

Turkey in Asia.-The principal article of import is dates, the trade in which amoanted in value this year to Rs. 2,03,000, against Rs. 86,000 in 1890-91. A few other articles-dried fish, perfumery, \&c.,-of the value of Rs. 2,889 were also imported.

Mekrán and Sonmiáni.-Salted fish received this year was valued at Re. 23,000, agrainst Rs. 6,000 in the previous year, but the value of mat-wrappers fell off from Re. 10,000 to Rs. 6,000 . These two items constitute the bulk of the trade.

The following statement shows (1) the countries to which goods were exported and (2) the various articles of export :-

Oountries to which exported.

| Countries, |  | 1880-91. | 1801-02. | $\begin{gathered} \text { Incroase in } \\ 1391-02 . \end{gathered}$ | Dectrane its 1solect |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Arabia-Muskat ... <br> Mlekran and Sonmiani | Total | R. | Re. | - Ren | Re. |
|  |  | 505 1,976 | 2,862 | *886 | c05 |
|  |  | 8,481 | 2,862 | 181 | **... |

Articles.

| Articles. |  |  |  | Quantiles. |  | $\mathbf{I}$ <br> decreses in 1601-02. | Value. |  | Incrateo ar decrease in 1801-0\%2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1880-91. | 1891-02. |  | 1880-01. | 1891-02. |  |
| Indian Produce. |  |  |  | 125 | ... | -125 | Re. | Rs. | Ra. |
| Fruits and Vegetables- $-\cdots \quad \cdots$ - |  |  |  |  |  |  | 125 | ... | -125 |
| $\checkmark$ Vege | \%s, | ... | ...Value. | $\cdots 17$ | ${ }^{*} 35$ | $\cdots$ | 8867 |  | $\square^{8}$ |
| Grin and palse $\ldots$.. |  |  | ... Cwt. | $\cdots$ <br> 60 <br> 154 |  | $+18$ |  | ${ }^{138}$ | +76 |
| Sowra | ... | ... | $\cdots$ |  |  | +1 -60 | ${ }^{*} 00$ | .$^{2}$ | +9 -50 |
|  |  |  |  |  |  | $\ldots$ | 2751 |  | -278+1 |
|  |  |  |  | * | ... |  |  | ${ }^{\prime \cdot} 2$ |  |
| Silver | ... | ... | ...Value. <br> Total | ... | .. | .-.... | 1,925 | 2,525 | +000 |
|  |  |  |  | ** | ... | ...... | 2,481 | 2,662 | +181 |

The following table shows the total number and tonnage of vessels which entered and cleared with cargoes from and to forcign ports during the years 1890-91 and 1891-92: -

| .Doteils. |  |  | 1880-91. |  | 1891-92. |  | Incrose or decreaso in 1891-99. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Vomels. | Tons. | Vomolt. | Tono. | Vomols. | Tons. |
| Entered Cleared | $\ldots$ |  | $\begin{array}{r} 63 \\ 4 \end{array}$ | $\begin{array}{r} 4,023 \\ 169 \end{array}$ | $\begin{aligned} & 80 \\ & 23 \end{aligned}$ | $\begin{aligned} & 4,256 \\ & \mathbf{2 , 4 3 0} \end{aligned}$ | $\begin{aligned} & +17 \\ & +19 \end{aligned}$ | $\begin{array}{r} +333 \\ +8,261 \end{array}$ |
|  |  |  | 67 | 4,192 | 103 | 6,786 | +36 | +2,594 |

Of the 80 vessels which entered, 27 were foreign, 16 being Arab and 11 Portuguese, the remaining 53 being native craft. Of the 23 vessels which cleared, 17 were Arab, and the remaining 6 native craft.

The value of the aggregate coasting trade of the continental ports of the Bombay Presidency amounted this year to Rs. $6,93,86,704$, against $\mathrm{Rs}, 6,74,08,486$ in 1890-91, showing an improvement of Rs. 19,78,218. Imports of merchandise were valued at Rs. $2,36,02,212$, agrainst Rs. $2,37,00,391$, and showed a slight falling off, but the value of exports amounted to Rs. $4,49,52,247$, aqainst Rs. $4,24,65,564$, and was higher by Rs. $24,86,683$. In the transactions in treasure, imports declined to Rs. $5,91,210$, from R. $10,28,947$, but the exports were better by Rs. 27,451 , the value this year being Rs. $2,41,035$, against Rs. $2,13,584$ in 1890-91. Government stores and treasure showed a decline in value of Rs. 7,15286 .

Importa.
The following table shows the value of private merchandise and treasure imported at coast ports from all ports in India, whether British or Foreign :-

| 1891.92.] | TRADE. | - . |  | 189 |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | - | $\cdots$ |
|  | 1800-92. | 1891-98, | Incromes in 1891-02. | Decreme in 1891-28. |
|  | Rs. | Ra. | Ra. | R8, |
| Britjsh Ports in other Presidencies- |  |  |  |  |
| Bengal Presidency ... ... | 8,383 | 28.97817 |  | 8,383 |
| Madras Preaidency ... ... | 19,49,947 | 22,87,817 | 3,37,370 |  |
| Sind ... | 1,98,341 | 1,61,005 | ...... | 35,336 |
| Total | 21,54,071 | 24,48,322 | 3,37,370 | 43,719 |
| Net Increase | ...... | :....* | 2,93,651 | ...... |
| British Ports in the Bombay Presidency ... | 2,02,56,118 | 1,01,89,649 | ...... | 10,66,469 |
| Indian Ports not British - |  |  |  |  |
| Goan ... | 6,80,425 | 9,01,815 | - 2,21,390 | ..... |
| Daman ... | 6,898 | 19,769 | - 13,871 | ....." |
| Diu ... | 91,505 | 87,775 | 6,770 | ...... |
| Mahó $\quad .$. | 7,306 | 8,020 | 714 | -..... |
| Foreign Konkan | 82,931 | 1,20,685 | 37,754 | ..... |
| Cutch - ${ }^{\text {a }}$ | 28,462 | 21,093 | ...... | 7,369 |
| Ráthiamér ... -.. | 10,90,465 | 10,89,026 | ..... | 17,429 |
| Gaekware Territory ... | 2,29,783 | 2,07,567 | :->... | 22,196 |
| Cambay . $\quad$. | 89,821 | 78,531 | \%...0 | 11,290 |
| State of Travancore | 2,983 | 18,170 | 15,187 | .... |
| Total | 23,18,549 | 25,55,451 | 2,95,186 | 58,284 |
| Net Increase | $\cdots$ | ....." | 2,36,902 | ...** |
| Total of all Porta •... | 2,47,29,338 | 2,41,93,422 |  | 5,35,916 |

Chap. IV. PBODUGTION DIgTBABUTION.

The following table shows the value of exports of private merchandise and treasure from Exporta. one coast port to another, including Bombey and to the rest of India :-

|  | 1890-91. | 1891-92 | Incrovo ln 1891-97. | Decreas in 1891-02. |
| :---: | :---: | :---: | :---: | :---: |
| British Porta in other Prosidenoles- <br> Bengal Preaidency <br> Madras Preaidency <br> *** <br> Sind... <br> ... <br> Total | Rs. | Ras. | Ra. | Ra. |
|  | 11,42,041 . | 18,28,941 | 6,86,300 |  |
|  | 43,07,544 | 51,62,389 | 8,54,845 |  |
|  | 2,02,849 | 1,89,541 | , | 18,308 |
|  | 56,58,094 | 71,80,871 | , 16,41,145 | 13,308 |
|  | ...... | .....* | 15,27,837 | ...... |
| British Porta in the Bombay Preaidency ... | 3,17,87,680 | 3,23,15,487 | 6,27,807. | ...... |
| Indian Porta not Britinh- |  |  |  |  |
| Daman . ... ... | 34,677 | 8,29,437 |  | 6,240 |
| Diu ... ... ... ... | 67,362 | 60,189 | ...... | 7,173 |
| Foreign Konkan | 84,328 | 84,037 |  | 289 |
| State of Cochin... -.. | 93,000 | 4,21,230 | 3,28,140 |  |
| State of Travancore | 15,96,176 | 13,02,848 | ...... | 2,03,328 |
| Cutcb -.. | 7,31,100 | 5,90,146 |  | 1,40,954 |
| Kithiswar $\quad .$. | 19,18,413 | 21,72,905 | 2,64,492 |  |
| Gaek wár's Porta | -1,11,574 | 88,118 | ...... | 23,456 |
| Cambay ... | 1,07,15s | 97,514 | ...... | 9,639 |
| Total | 52,38,434 | 56,98,924 | 0,38,569 | 4,80,079 |
| Net Inoreaso | ...... | ... | 4,58,490 | ...... |
| Total of all Ports | 4,26,79,148 | 4,51,93,282 | 25,14,134 | ...... |

The following table shows the actual gross collections of the Customs revenue for the Port Continental of Bombay and for the continental ports of the Presidency of Bombay, respectively, during the Customa, years 1890.91 and 1891-92 :-

| Ivemb |  |  |  | Boullsod in 1890-01. | Renluod in 1891-0e. | Incrome or docrows In $1891-92$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bombay. |  |  |  | Rs. | Rs. | Re. |
| Import Customs ... <br> Export Cuntoms ... <br> Miecellaneous :... | $\ldots$ | ... | $\ldots$ | 22,79,675 | 22,38,349 | -46,326 |
|  | ... | ... | ... | 8,04,094 | 1,79,100 | -24,994 |
|  | ... | ... | ... | 31,496 | 28,895 | -2,601 |
| Tratal |  |  |  | 25,15,265 | 24,41,344 | -73,921 |
| Import Customs.... <br> Fixport Customs... <br> Mincullaneous ... | ... | ... | $\cdots$ | 822 | 1,060 | +838 |
|  | ... | ... | ... | 3,373 | 9,260 | -5,887 |
|  | ... | ... | ... | 9,088 | 8,006 | -1,082 |
|  |  |  | - $\cdot$ | 12,683 | 18,326 | +5,618 |

## Land Tride of the Presidency Proper.

The extent of the rail-borne trade of the Presidency proper in the year 1891-92 as compared with the previous year is given below :-


The total value of the above trade was Rs. 5,147 lákhs in 1890-91, and Re. 5,377 lakhs in 1891-92. The volume of trade was 23.55 per cent. above that of the previous year, and $24 \cdot 85$ per cont. above the average. The external trade, made up of imports ( 48 per cent.) into the Bombay Presidency (exclusive of Sind), and of exports ( 14 per cent.) to external blocks, accounted for 60 per cent. of the total, the romainder being local trade, or trade between the several internal blocks of the Presidency-export and import. The increase in volume was observable in all descriptions of trade: imports increased by 32 and 33 per cent. respectively over the previons year and the average; exports by 15 and 25 per cent. $\overline{\text { and }}$ Tocal trade by 17 and 16 per cent.; respectively, over the previous year and the average. Yalues did not increase in the same proportion; and the value of imports fell by 4.9 per cent. below average. This was partly attributable to smaller transactions in goods of high value and partly to lower prices of important trade staples, cotton being a chief factor in each case. The conditions of the trade of the yenr under review were somewhat abnormal. The wheat crop of 1891 was sufficient to meet an unusually strong demand for Indian Wheat in the Earopean markets, and there was a large expansion in the wheat traffic. The improved purchasing capacity of the wheat-producing provinces exhibited itself in most branches of their import trade. At the same time the year was characterized by the prevalence of drought over a considerable portion of the country, causing a marked movement in food-grains. Increased imports into the Punjab, the North-West Provinces and Oudh, and the Central Provinces occupying 58 . per cent. of the total wheat area of the country, point to the advantage derived by these provinces from the course of events. The next table gives an analysis of articles of import and export :-


Imports.
There was a decrease of $18 \cdot 46$ per cent. in the imports of coal and coke, due to smaller receipts in the Khándesh, Násik, and Ahmednagar block from the Central Provinces and the Nizam's territory, and also in the country South of the Narbada and below the Ghits from the Nizam's territory. Imports of cotton decreased by $32 \cdot 13$ per cent., following a fall of 9 per cent. last year below 1889-90. The decrense occarred in the receipts into Bombay Port from all the provinces supplying the Bombay market and was due partly to an unfavourable season and partly to the low demand in the Bombay market both for home consumption and for foreign exports. The Bombay cotton mills had large stocks on hand, and in Europe the supplics of American cotton were very great. Of the total imports under cotton, Bombay Port took about 96.50 per cent. The import of wheat increased by 71.77 per cent. above the average and by 138.17 per cent. over last year. Most of this was for foreign export, the Port of Bombay taking 98 per cent, An unusually severe and prolonged winter injured the wheat. and rye. crops in Europe, and prices rose in a few weeks by 20 to 25 per cent. France lowered her import duties by about 40 per cent., with a view to facilitate foreign imports of wheat; and Russia prohibited export. Countrica generally depending upon France and Russia for: and Russia prohibited export.
supplies. Rising prices at Bombay stimulated imports from up-country, so that the Ceutral Provinces, Rájputána, and Central India, where the millet crops had more or less failed, instead of keeping their wheat for home consumption, exported it, and imported millets. The Indian wheat harvest, though not abundant, was better than in the previous year. The imports of other food-grains showed an increase of 8.8 per cent. above average and 17.71 per cent. over last year. The increase occurred in all food-grains escept millets. Imports of rice from the Central Provinces, which were in excess of the previous year's imports by about 9 lakkhs of maunds, accounted for much of the increase. Of this rice the Poona and Sholápur and the Southern Maratha Country block, where the rice crop had failed more or less, took half a lakh of maunds each, the bulk of the remainder going to the Port of Bombay, where supplies of rice by sea from Bengal, Burma, and Madras had considerably fallen, owing to scarcity in those provinces. Gram and pulse showed a net increase of more than 4 lakhs of maunds. The net increase under the head oil-seeds amounted to 20.75 per cent. above average and 13.53 per cent. over last year, and was due to larger receipts of linseed, (by $14 \frac{1}{2}$ lákhs of maunds), and rape and mustard, (by $1 \frac{1}{2}$ lakhs of maunds); gingelly, poppy, and castor showing decreases. The Central Provinces contribated nearly $\frac{8}{8}$ ths of the linseed imports. The imports from the North-West Provinces and Oudh were more than quadrupled, and those from Berar, Rajputána, and Central Indin rose respectively by 33.6 and 58.9 per cent. The increase in rape and mustard was mainly from the Punjáb, where the season for this crop was favourable.

The exports of coal and coke rose by $16 \cdot 34$ and $39 \cdot 28$ per cent. above average and the previous year respectively, an increase of a lakb of maunds going to the Central Provinces and of nearly 2 lakks of maunds to Rajputana and Central India. Exports of European twist and yarn increased by 67 per cent. in price, following a fall of 11 per cent. The demand of the Central Provinces increased by 142 per cent., owing probably in some degree to the extension of the llengal-Nagpur Railway. In spite of a fall of 11.4 per cent. in price, the exports of Indian twist and yarn slightly fell in sympathy with the larger imports of European twist and yarn. Exports of European piece-goods improved by about 5 per cent., Indian piece-goods falling by 14 per cent. at the same time. The sulstitution of English for Indian piece-goods was marked in the Central Provinces and Berar. The increase, ( 8.41 per cent.), in the export of salt was general, except to NorthWest Provinces and 'Oudh, and Berar.

The chief articles of local trade were coal and coke, cotton (raw), whent and other Local Trade. food-grains, oil-seeds, salt, provisions, and sugar. Both the value and volume of the trade wereappreciably above the average and above those of last year. The abnormal expansion in the grain trade was due to the strong demands for foreign export combined with local scarcity.

Under the rotation system snnctioned by Government, the road-borne traffic was Road-borne trade. registered during the year at six selected nakás, as noted below :-

| Naki. |  |  |  |  | Dintric |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Limbdi | ** | *** | ... | $\ldots$ | Panch Maháls. |
| 2. Edalábod | ... | $\ldots$ | ... | ... | Kháudesh. |
| 3. Jisgaon | $\cdots$ | ... | ... | ... | Almednagar. |
| 4. Jog ... | $\cdots$ | -•* | ..* | $\cdots$ | Kánara. |
| 5. Sholapur | ... | ... | ... | ... | Sholápar. |
| t. Ilkal... | *.* | -** | ... | ... | Bijapur. |

The two last-named were the only two admitting of comparison with the previous year, and the registers then maintained showed that there was a considerable increase, both in the volume and value of the road-borne trade at the Sholapur and Ilkal nákás.

The cost for the registration of the traffic at Sholápur and Ilkal was, as usual, borne Expenditare. by the municipalities of those places: elsewhere the expenditure was met from the annual grant of Rs. 2,000.

## (2). SIND

## Chirf Port-Karichi.

The entire value of the sea-borne trade of the Port of Karachi, yiz. imports and exports Total privato trade. of merchandise and treasure,-Government stores and treasure being excluded,-amounted during the tyear under report to Rs. $15,61,01,689$, against Rs. $12,42,40,418$ in the preceding year, the increase being Rs. $3,18,61,271$, or $25 \cdot 64$ per cent. Three crores of the increase were in foreign trade, and about a quarter of a crore in coasting trade. The subjoined statement exhibits the afgregate value of the trade of Karachi for the five years ending l $891-92$ with foreign countries and coast ports, separately, exclusive of Government transactions:-

$57 .+1-36$
(1091.92.

Imports from foreign countries amounted, during the year under review, to Rs. 4,08,41,299, against Rs. $3,78,71,673$ in the previous year, being an advance of R. $29,69,626$, or $7 \cdot \varepsilon_{4}$ per cent. There was a large improvement, amounting to Rs. $2,65,46,375$, or $56 \cdot 19$ per cent., in exports to foreign countries in comparison with the year 1890-91. The figures were Rs. $7,37,90,312$ for the year under report, ngainst Rs. $4,72,48,937$ in the previous year. Contrasted with the aremge of the past five years, the increase amounted to Rs. $3,51,75,322$, or 91.69 per cent. Imports from coast ports rose from Rs. 2,61,98,893 in 1890-91, to Rs. $2,88,15,797$ in the year $1891-92$, the increase being Rs. $26,16,90 \pm$, or $9 \cdot 98$ per cent. Compared with the year $1690-91$, there was a falling off to the estent of Re, $2,71,634$, or $2 \cdot 10$ per cent., in exports to comst ports. The trade fell from Rs. $1,29,25,915$ in $1890-91$, to Rs. $1,26,54,281$ in the year under review.

Chiel fcatures of the foreikn trade:
Imports. In 1890-91, an improvement, amounting to Rs. $29,67,079$, or 9.57 per cent., was recorded in the value of the trade in merchandise not liable to duty imported from foreign countrics. A further improvement, amounting to Rs. $27,57,104$, or $8 \cdot 12$ per cent., occurred in the year under report over that of $1890-91$. The figures rose from Rs. $8,39,49,024$ in $1890-91$, to Rs. $3,07,06,128$ in the year under report. The rise was almost general. The following alone exhibited a-decrease :-Animals (living), cotton twist and yarn, cotton coloured (printel or dyed piece-goods), and tobacco manufactures (other sorts). Imports of dutiable merchandise fell from Rs. $30,74,422$ in 1890-91, to Rs. $50,16,266$ in the year under report, the decrease being Rs. 58,156 , or 1.89 per cent., chiefly in arms and ammunition and mineral oil. There was, however, an improvement in ale, beer, and porter, spirits and wines, and liqueurs. Imports of treasure from foreign countries amounted, during the year under report, to Rs. $11,18,905$, against Rs: $8,48,227$ in the preceding year, showing an improvement of Rs, $2,70,67 \mathrm{~s}$, or $31 \cdot 91$ per cent.
Exports. A large improvement occurred in exports of Indian merchandise not liable to duty amounting to Rs. $2,51,91,122$, or 80.97 per cent., in comparison with the year 1890-91, when it amounted to Rs. $4,13,10,721$, apainft Rs. $6,65,01,843$ in the year under review. The increase was very general, but there was a decline in indigo, lac dye, bajjri and jowiri, and animal hones. Compared with the year 1890-91, there was a falling off in exports of dutiable merchandise, consisting of rice alone, to foreign ports to the extent of Rs. 80,408 , or $1 \times .04$ per cent. The trade fell from Rs. 4,45,467 in 1890-91, to Rs. $3,65,06+$ in the yar under report. The value of foreign merchandise exported to foreign countries amounted, during the year under review, to Rs.' $65,20,555$, against Rs. $52,41,358$ in the previous year, the rise being Rs. $12,70,197$, or $24 \cdot 40$ per cent., chiefly in cotton piece-goods, iron, sugar and raw wool. In cotton twist and yarn, trade declined. In exports of treasure to foreign countries, there was an improvement, amounting to Rs. $1,56,459$, or 83.50 per cent., in comparison with the ycar 1800-91, when they amounterl to R. $2,46,391$, against Rs. $4,02,850$ in the ycar under report. The increase was due to larger remittances to the Persisn Gulf ports on account of the increased imports of dates and ghi.

Goverhment trans. sctions. countries and coast ports, for the past five years:-


Compared with the year 1890-91, there was a falling off in imports of stores from foreign countries to the extent of Rg. $36,11,117$, or 37.28 per cent. The trade fell from Rs. $96,86,4+8$
in $1590-91$, to Rs. $60,75,329$ in the year under review. The decline was owing to smaller imports of materials by the North-Western Railway. There were no imports of treasure doring the year under report against Rs. $1,00,000$ in the preceding year. There was a net increase, amounting to Rs. 94,495 , or $160 \cdot 81$ per cent., in exports of both foreign and Indian stores to foreign countries contrasted with the year 1590-41. The trade rose from Rs. 58,761 in 1890-91, to Rs. $1,53,256$ in the year under report. The increase was due to larger exports of malt liquor, arms, and ammunition to Aden, and telegraph materials to the Persian Gulf ports. Exports of trearure to forcign countries amounted, during the year under review, to Rs. 35,000, against Rs. 56,220 in the previous year, the increase being Rs. 8,780 . In imports of foreign stores from coast ports, there was an improvement, amounting to Rs. $4,43,098$, or $68 \cdot 92$ per cent., contrasted with the year 1890-91, when they amounted to Rs. 6,42,825, against Rs. 10, 85,923 in the year under report. The rise was chiefly in arms and ammunition, telegraph materials, and sundries (mostly regimental necessaries). There was a small decrease of Rs. 5,561 in imports of Indian stores from coast ports, that is, Rs. 2,22,155 against Rs. 2,77,716 in 1890-91. The value of treasure imported from coast ports (wholly from Bombay) amounted, during the year under report, to Rs. $1,12,80,000$, against Rs. $76,05,000$ in the previous year. The increase of Rs. $36, \mathbf{5}, 010$ was due to the cash requirements of works on the frontier. Compared with the year $1890-91$, there was a falling off to the extent of Rs. $1,57,937$ in exports of foreign stores to const ports. The figures were Rs. 2,23,555 in 1891-92, against Rs. 4,11,492 in the preceding year, much above the average of the past five years.

The value of merchandise, both free and dutiable, imported from the United Kingdom during the year under review amounted to Rs. 2,78,74,878, against Rs. 2,68,27, $\mathbf{i} 02$ in the preceding vear, being an increase of Rs. $10,47,175$, or 3.90 per cent., principally in animals (other sorts), apparel, books (printed, \&sc.), cement, clay, cabinet-ware and furniture, caoutchonc manufactures, carriages, alum, copperas, chemicals other sorts, clocks, coal, coke, cotton twist and rarn, cotton (grey and white piece-goods), earthenware and porcelain, flax manufactures, glass beads, rosin, hardware and cutlery, musical instraments, photographic instruments, irory, jewellery, saddlery and harness, malt liquor, wines and liqueurs, machinery and millwork, matches, military uniform, brass, copper, iron, zinc or spelter, linseed oil, writing paper, provisions, refined sugar, woollen piece-goods, and wool manufactures (other sorts). There was a deeline in arms, ammanition, \&ce., bricks and tiles, earthenware piping; candles, sal ammoniac, sulphuric acid, patent fuel, cotton coloured, printed or dyed piece-goods, cotton handkerchiefs, cotton thread, aniline and alizarine dyes, hops, scientific and philosophical instruments, leather unmanufactured, steel, soap, stationery, tobacco, manufactures other sorts, toys, and other timber. Imports of treasure rose from Rs. $7,30,523$ in 1890-91, to Rs. $10,51,5011$. in the year under report, the increase being Rs. $3,50,977$, or 48.04 per cent., chiefly in silver. There was an improvement, amounting to Rs. $25,68,218$, or 13.04 per cent, in exports of Indian produce and manufactures, both free and dutiable, in comparison. with the year 1890-91, when they amounted to Rs. $1,96,92,761$ against Rs. $9,22,60,979$ in the year under review. The rise was chiefly in apparel, cotton manufactures other sorts, wheat, rice, pulse, hajiri and jowari, barley, gums, hardware and catlery, skins raw, brass, copper, oils, vegetaile, other sorts, fish-maws, shark fins, \&c., saltpetre, linseed, cotton seed, and raw wool. In maw cotton, raw hides, lac dye, lac other sorts, animal bones, rags, rapeseed, til or gingelly seed, tea, and wool manufactures other sorts, trade declined. Compared with the vear $1 s!0-91$, an improvement, amounting to Rs. $11,10,409$, or $24 \cdot 54$ per cent., was noticeable in exports of foreign merchandise. The figures were Rs. $\mathbf{5 6 , 3 4}, 591$ in the year under review, agrainst Rs. $45,24,482$ in the previous year. The rise was chiefly in apparel, books printed, \&c., cabinet-ware and furniture, cotton coloured, printed or dyed piece-goods earthenware and porcelain, flax manufactures, instruments and apparatus, raw wool, and wonl manufactures, other sorts. There was a decline in clocks and watches, cotton raw, cotton twist and yarn, cotton grey piece-goods, and hardware and cutlery.

In imports of both free and dutiable merchandise from France there was a rise amounting Franoe. to Rs. 5,637 in comparison with the year $1890-91$, when they amounted to Rs. 77,865 , against Rs. 83,5112 in the year under report. The increase was chiefly in apparel, clocks and watches, cotton coloured, printed or dyed piece-goods, dyes other sorts, spirits, provisions and silk piece-goods. In $189(1-91$ an improvement, amounting to Rs. $8,81,388$, or $28 \cdot 70$ per cent., was recorded in exports of Indian produce and manufactures. A further increase of Rs. $37,93,251$, or 82.56 per cent., was noticeable under this head in comparison with the year 1890-91. The trade rose from Rs. $4 \overline{5}, 94,222$ in $1890-41$ to Rs. $83,87,+78$ in the year under report. The rise was principally in wheat, raw hides, raw skins, rapeseed, til or gingelly seed, linseed, poppy seed, tea and raw wool. In cotton raw, trade declined. The value of exports of foreign merchandise amounted, during the year under review, to Rs. 16,810 , against Re. 6,300 in the previous year. The increase of Rs. 10,510 was chiefly in wool manufactures, other sorts.

Imports of merchandise from Belgium rose from Rs. 11,97,716 in 1890-91, to Rs. 15,84,844 Belgiam in the year under report, the increase being Rs. $3,57,128$, or $3: 32$ per cent., principally in works of art, books, printed, \&c., bricks and tiles, cement, cabinet-ware and furniture, candles, carriages, chemicals other sorts, cotton thread, aniline and alizarine dyes, glasoware, hardware and cutlery, copper, iron, steel, paints and colours, writing paper, \&c., cigars, and worrllen piece-goods. There was a decline in apparel, glass sheets and plate, and toys. Comprared with the year 1890-91, an improvement was noticeable in exports of Indian produce and manufactures to the extent of $\mathrm{R}_{5} .60,73,371$, or $75 \cdot 60$ per cent. The figures were Rs. $1,37,99, \bar{i} 24$ for $1891-92$, against Rs. $77,26,853$ in the preceding year. The improvement

Germany:-

Esspt.

Mauritias.

Persia.

Arabia
was chiefly in raw cotton, wheat, bijri and jowári, gum arabic, raw hides, raw skins, rapwod, til or gingelly seed, linseed and poppy seed. Exports of animal bones decelined. In exports of foreign merchandise, there was a falling off to the extent of Rs. 8, 185 contranterl with the year 1890-91. The trade fell from Rs. 18,505 in 1890-91 to Rs. 10,370 in the year ouder review, chiefly in aniline and alizarine dyes.

In comparison with the year 1800-91, the value of merchandise imported from Austria fell to the extent of Rs. 12,125, that is, from Rs. $1,27,399$ in $1590-91$, to Rs. $1,15,274$ in the year under report, principally in apparel, coloured cotton, printed or dyed piece-goods, cotton handkerchiefs, and copper. There was, however, an improvement in calinet-ware and furniture, glassware, hardware and cutlery, musical instruments, writing paper, refined sugar and woollen piece-goods. Exports of Indian produce and manufacture declined to the extent of Re 27, 5 .30, or 50.35 per cent., that is, from Rs. 55,267 in $1590-91$ to Rs. 27,437 in the year under report. The falling off was chiefly in cotton raw. In hides raw and wool raw, trade improved.

In imports of merchandise from Italy there was a falling off to the extent of Rs. 70,482 ; or 78.84 per cent., contrasted with the year 1890-91. The trade fell from Rs. 89, 372 in 1890-01, to Rs. 18,910 in the year under review, chiefly in cotton white piece-goods, glass heals, copper, and soap. There was, however, an improvement in cotton twist and yarn, cotton coloured, printed or dyed piece-goods, and cotton handkerchiefs. In exports of Indian produce and manufactures, trade declined, viz., from Rs. $6,86,300$ in $1890-111$ to Rs. $1,72,75$ in 1 $891-92$, or $74 \cdot 82$ per cent. The decline was chiefly in raw cotton and til or gingelly seed. In hides and raw skins and raw wool, trade improved.

The import trade from Germany in 1891-92 was Rs. $5,62,561$, or 22.03 per cent. lelow that of the previous year, that is, Rs. $19,90,619$ against Rs. $25,53,180$ in $1890-91$. The falling off was chiefly in aniline and alizarine dyes, matches and refined sugar. There was, however, an improvement in apparel, cement, calinet-ware and furniture, carringes, chemicals other sorts, clocks and watches, cotton bosiery, fire-works, glass beads, glass-ware, rosis, hardware and cutlery, musical instruments, ivory, copper, iron, steel, paints and colours, silk piece-gouds, toys, and woolien piece-goods. The value of exports of Indian produce and manufactures amounted, during the year under report, to Rs. 18,14,826 against Rs. $7,31,311$ in the previous year, being an increase of Re. $10,83,515$, or 14811 per cent., mostly in apparel, raw cotton, raw hides, raw skins, castor oil, oils, vegetable other sorts, mpeseed, til or gingelly seed, and tea. Exports of animal bones were less than those of 1890.01.

There was an improvement in imports of merchandise from Egypt, (ehiefly from Suez), amounting to Rs. 2,615 in comparison with the year $1890-91$. The trade rose from Rs. 957 in $1800-91$, to Rs. 3,582 in the year under report, chiefly in cigars. It was satisfactory to notice an increase of Rs. $1,17,03,713$, or 197.51 per cent., in exports of Indian produce and manufactures to Egypt in comparison with the year 1890-91, when they amounted to Rs. $59,25,5 \leq 4$ against Rs. $1,70,29,297$ in the year under review. The improvement was chiefly in wheat, bájri and jowari, rapesecd, and til or gingelly seed. As remarked in previous years' reports, the export trade was not in reality with Egypt : stenmers carrving the goods were in all cases consigned to Port Said "for orders." On arrival of the vessels at Port Said the goods were either transhipped or carricd in the same bottom to some Continental port.

In imports of merchandise from Mauritius, chiefly sugar refined, there was an improvement to the extent of Rs. $10,69,861$, or $40 \cdot 98$ per cent., compared with the year $1591-91$. I he trade improved from Rs. $214,10,611$ in $1890-91$ to Rs. $31 ; 80,772$ in the year under report. There was no export trade with Mauritius during the year under report. In 1890-91, it amounted to Re. 32,157.

There was an improvement amounting to Rs. $3,37,5 \% 5$, or 66.25 per cent., in imports of merchnadise from Persia contrasted with the year 1890-91. The trade rose from Rs. $5,09,443$ in 1890-91, to R $\mathrm{R}_{8}$. $8,46,998$ in the year under review. The increqse was principally in pulse, wheat, grains other sorts, raw skins, ghi, dates, dried fruits, \&e., raw silk and raw wool. In horses, silk mixed piece-goods and woollen piece-goods, trade decined. Imports of treasure (chiefly Persian coins) fell from Rs. 75,656 in $1890-91$, to Rs. 11,350 in the yoar under report, the decrease leing Re. G4, 301. In exports of Indian produce and manufactures, both free and dutiable, there was a falling off to the extent of Rs. $1,25,115$, or 15.79 per cent., in comparison with the year $1800-91$, when they amounted to Rs. $7,92,133$ against Rs . $6,67,028$ in the rear under review. The decline was principally in rice and indigo. There was, however, an improvement in calinet-ware and furniture, coffee, cotton twist and yarn, cotton grey piece-goods, cotton coloured, printed or dyed piece-goods, hides raw, jute gunay bars, copper, flour, chillies, tea, and woollen piece-goods. Exports of foreign merchandise rose from Rs. 2, 51,437 in $1890,-91$, to Rs. $3,21,191$ in $1891-92$. The increase of Rs. 64,754 , or $27 \cdot 74$ per cent., was chicfly in candles, corals real, cotton grey picec-goods, cotton white piecc-goods, cotton coloured, printed or dyed piece-goods, brandy, matches, coppler, iron, dried fruits, \&c., wood manufactures, and woollen piece-goods. There was a decline in apparel,
cotton twist and yarn, kerosine oil provisions other sorts and sugar refined. The arerent cotton twist and yarn, kerosine oil, provisions other sorts, and sugar refined. The aggregate value of exports of treasure amounted, during the year under review, to Rs. $3,28,225$ against Rs. $2,36,0 \uparrow \omega$ in the preceding year, or an inerease of Rs, $92,225$.
An improvement, amounting to Rs. $1,02,154$, or 78.52 per cent., was noticeable in imports of merchandise from Arabia contrasted with the year 1890-91. The figures were Ks. 2,44,984 for the year under report against Rs. $1,42,830$ in the preceding year. The rise was chietly in
animals, other sorts, wheat, raw shins, dates and raw silk. In dried fraits, \&e., trade de- Distainvition clined. There was a falling off to the extent of Ks. 3,827 in imports of treasure compared with the year 1890-91, when they amounted to Rs. 8,127 against Rs. 4;300 in the year under report. Exports of Indian produce and mannfactures fell from Rs. 2,02,963 in 1890-91, to Rs. 98,641 in the year under report. The decrease of Rs. $1,09,322$, or 53.86 per cent. was principally in chalk and lime, chemicals other sorte, wheat, rice, bajiriand jowari, barley, and commin seed. There was, however, an improvement in raw hides, jute gunny bags, seeds other sorts, and chillies. Exports of foreign merchandise declined to the extent of Rs. 17,899 , or 23.59 per cent., compared with the year 1890-91, when they amounted to Rs. 75,854 against Rs. 57,955 in the year under report. The decrease was principally in cotton grey, white and culoured, printel or dyed pieco-goods, matches, and dried fruits, \&c. In. spirits and kerosine oil, there was an increase. The value of treasure exported to Arabia amounted, during the year under report, to Rs. 16,050 against Rs. 391 in the preceding year, showing an increase of Rs. 15,659.
 of merchandise from Turkey in Aria in comparison with the year 1890-91. The trade rose from Rs. $7,29,717$ in 1890-91, to Rs. $10,49,663$ in the year under report. The rise was principally in grain other sorts, ghi, and dates. In horses, pulse, and til or gingelly seed, trade deelined. No treasure was imported during the year under report. In 1890-91, it amounted to Rs. 5,800 . There was a slight increase of Rs. 7,043 in exports of Indian produce and mannfactures compared with the year 1890-91. The figures were Rs. 56,449 for the year under report, against Rs. 49,406 in the previous year. The improvement was chiefly in coir, cordage, jute gunny bags, pepper, chillies, tallow, tea, and wood, other timber. The value of exports of foreign merchandise amounted, during the year under review, to Rs. 1,24,535 against Rs. $1,03,293$ in the previons year, being an increase of Rs. 21,242 , or 20.56 per cent., principally in cotton white piece-goods, iron, kerosine oil, and refined sugar. In cotton grey piecegoods and matches, trade declined. In 1891-92, exports of treasure amounted to Rs. 54,600. There was no treasure exported in the previous year.

Imports of merchandise from Mekrán and Sonmiáni rose from Rs. 4,96,450 in 1890-91 to Mekranand Rs. $7,00,503$ in the year under report. The increase of Rs. $2,04,053$, or $41 \cdot 12$ per cent., was Sonmiani. chiefly in animals other sorts, pulse, grain other sorts, ghi, fish dried not salted, salted fish, tolacco unmanufactured and raw wool. In raw hides, animal bones, dates and rapeseed, trade declined. There was a falling off to the extent of $\mathrm{R}_{5} 5,566$ in imports of treasure from Mekrán and Sonmiáni in comparison with the year 1890-91, when they amounted to Rs. 27,121 against Rs. 21,755 in the year under review. Exports of Indian produce and manufactures fell from Rs. $4,01,152$ in 1890-91 to Rs. 3,19,416 in the year under report. The decrease of Rs. 81,736 , or 20.37 per cent., was chiefly in bajjri and jowari, jute gunny bags, and flour. There was, however, an improvement in animals other sorts, cabinet-ware and furniture, cotton grey piece-goods, cotton coloured, printed or dyed piece-goods, turmeric, cocoanut kernel, wheat, rice, pulse, copper, raw silk, scoap and chillies. Compared with the year 1890-91, there was an improvement of Rs. $1,02,287$, or 63.75 per cent., in exports of foreign merchandise. The trade rose from Rs. $1,60,445$ in 1890-91, to Rs. 2,62,732 in the year under report. The rise was principally in cotton grey, white and coloured, printed or dyed piece-goods, hardware and cutlery, spirits, dried fruits, \&c., provisions other sorts, and wood manufactures. In refined sugar, trade declined. In 1891-92, exports of treasure amounted to Rs. 3,975 . None was exported in the preceding year.

The import trade passing through the Suez Canal continued to increase. The figures of Trade via the Suez 1891-92 showed an increase of Rs. $6,55,067$, or $2 \cdot 01$ per cent., over those of the previous year, Canal. viz., Rs. $3,31,38,682$ against Rs. $3,24,83,615$ in 1890-91. There was an increase, amounting to Rs. $3,50,977$, or $48^{\circ} 04$ per cent., in treasure imported via the Suez Canal contrasted with the year $1\{90-91$, when it amounted to Rs. $7,30,5 \div 3$ against Rs. $10,81,500$ in the year under repurt. It is satisfactory to notice an increase of Rs. $2,67,19,661$, or 60.63 per cent., in the export trade which passed through this route compared with the year 1890-91. The figures were Rs. $7,07,88,767$ for the year under report against Rs. $4,40,69,106$ in the preceding year. There was a falling off to the extent of Re. $35,94,060$, or 37.64 per cent., in Government stores imported vid the Suez Canal in comparison with the year 1890-91. The figures were Rs. $59,53,918$ for the year under report against Rs. $95,47,978$ in the previous year.

The number of steamers which entered the port with cargo amounted to 151 of $2,08,902$ tons, against 160 of $2,23,998$ tons, being 9 steamers of 14,496 tons less than the previous year. The number of sailing vessels which entered with cargo exceeded those of the previous year by 50 vessels and 5,272 tons, being 348 vessels and 26, 152 tons for 1891-92, against 298 vessels and and 20,850 tons in the preceding year. The inerease was due to the improved import trade in dates and ghi from the Persian Guif ports. The total number of steamers cleared with cargo amounted, during the year under report, to 246 of 3,$81 ; 789$ tons, against 179 steamers of $2,70,029$ tons, in the preceding year, or 67 steamers and $1,11,760$ tons in excess, mainly owing to the heavy export trade with the continent of Europe. Clearances of sailing vessels with cargo decreased by 13 and the tonnage by 1,786 in comparison with the year 1890-91, viz., from 289 vessels and 18,298 tons in $1890-91$ to 276 vessels and 16,512 tons in the year under report. This was owing to the export trade in grains with the Persian Gulf ports having fallen off. The total amount on account of the gross import daty collections, during the year ander report, was Rs. $7,57,297$ against Rs. $7,61,942$ in the previous year; the decrease being Rs. 4,645 , or $\cdot 60$ per cent., but the figures for the year under review were much higher than any of the year

в $\mathbf{4 1}$ - 37
previons to 1890-91. The decrease occurred chiefly in brandy, still wines, and kerofine cil. There was, however, an increase in arms and ammonition, rum, gin, whisky, champakne, port, and still burgundy. Compared with the year 1890-91, there was a decline in the grows amonnt of export daty to the extent of Re. 4,978 , or 8.83 per cent. The tigures were Rs. $51,3+58$ for 1891-92 againgt Rs. 56,326 in the preceding year. The decline was due to arnaller exports of rice to Persia. The amount paid on account of refunds and drawbacks of import duty, during the year under report, was Rs. 30,341 against Ra. 9,992 in the provious year, being Rs. 20,349 more. The rafunds of import duty on goods, chiefly wines and spirits, transmitted under bond to the territory of His Highness the Maharaja of Kashmere and Jammu, amounted to Rs. 13,139 , against Rs. 7,433 in 1890-91. The aggregate amount on account of drawiacke on kerosine oil re-exported to the Persian Gulf porte paid during the year undor report was Rs. 14,613, against Rs. 999 in 1890-91.

Cowating Trade.
The entire value of foreign and Indian produce and manufactures imported from and exported to Indian ports amounted, during the year under review, to Rs. 3,78,14,151 against. Rs. $3,40,58,770$ in the previous year, the incrense being Rs. $37,55,381$, or $11^{\circ} 02$ per cent., as noted below :-

| Importa and Exporta tinle and from slind. | 1880001. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Bengal. | Bombay. | Hedran. | Brtic Burine. |  | Total. | Indian Porte not artion Britiah. | Grand Total |
|  | R\%. | Ra. | R. | H6. | Ru. | Rs. | Re. | R. |
|  | 9,60,5964 | $\begin{array}{\|c\|c\|c\|c\|c\|c\|c\|c\|c\|c\|} \hline 80,10,887 \\ \hline \end{array}$ | $\begin{array}{r} 648,724 \\ \hline, 24 \end{array}$ | 2,100,1500 | $\begin{aligned} & 2,8 n 9 \\ & 8,05,1049 \end{aligned}$ | $\begin{array}{r} 1,88,40,541 \\ 71,80,43 \end{array}$ |  |  |
|  | 2,06,707 | 1,07,07,873 | $\xrightarrow{\text { 2,17,973 }}$ | 2,07,468 | 3,07,030 | 2,08, $\mathbf{2}$, ,084 | 8,40,071 | $\xrightarrow{9,11,67,465}$ |
|  | $\begin{aligned} & 8,0060 \\ & \substack{1,950} \end{aligned}$ |  | $\begin{aligned} & 28,889 \\ & 80,604 \\ & \hline \end{aligned}$ | $\begin{gathered} \mathbf{8 . 5 4 0} \\ 80,477 \end{gathered}$ | 8.06 .967 1,447 | $\begin{aligned} & 10,91,000 \\ & 80,62,1,10 \gamma \end{aligned}$ | $\begin{array}{r} 8,16,450 \\ 10,20,400 \end{array}$ | $\begin{array}{r} 27,17,319 \\ 1,0,0, x, 164 \end{array}$ |
|  | 9,600 | 1,01,77,66 | 86,787 | 48,887 | 8,22.139 | 1,06,44,797 | 22,40,018 | 1,25,10,618 |
|  | 2,76,887 | 2,08,93,018 | 8,35,139 | 8,46,818 | 0,50,04 | 8,14,71,761 | 25,60,083 | 8,40,68,70 |
| Importa and Exporte tinto and from sind. | 1801.02. |  |  |  |  |  |  |  |
|  | Bongal, | Bombay. | Wedras, | Brition Burma |  | Total. | Indinn Ports not Britimh | Onsad Totas. |
| Imports. |  | Rs. | Ro. | Ren | IL. | R. | R. | Ra. |
| Forelgn Merchandise Indian Produce | $\begin{aligned} & \mathbf{7 , 1 9 9 0}, 20 \downarrow \end{aligned}$ | $1,50,42, .899$ | $\begin{array}{r} 10,741 \\ \mathbf{2 , 6 8 , 1 0 3} \end{array}$ | $\begin{array}{r} 8,700 \\ 1,80,888 \end{array}$ | $\begin{gathered} 3,64,344 \\ \hline 18 \end{gathered}$ | $\begin{aligned} & 1,80,64,845 \\ & 87,04,200 \\ & \hline \end{aligned}$ | $\begin{gathered} 14.085 \\ 4,42,134 \end{gathered}$ | I.50,74,500 91,80,340 |
| Total | 8,80,304 | 8,29,54,600 | 2,78,934 | 1,00,298 | 8,64079 | 2,40,00,061 | 4,06,140 | 2,81,06,940 |
| Forelgn Merchandiee Indisa Produca | $\begin{gathered} 10,715 \\ 6,781 \\ \hline \end{gathered}$ | $\begin{aligned} & 14,87,920 \\ & 88,98,278 \end{aligned}$ | $\begin{gathered} \text { 2n, } 884 \\ 1,87,+13 \end{gathered}$ | $\begin{array}{r} 1,290 \\ 866,450 \end{array}$ | $\begin{aligned} & 9,19,0819 \\ & 1,10,060 \end{aligned}$ | $\begin{aligned} & 17,49,000 \\ & 02,44, \omega 03 \end{aligned}$ | $\begin{aligned} & \mathbf{5}, \mathbf{8 5}, 2350 \\ & \mathbf{1 5 , 6 1 , 4 1 0} \end{aligned}$ | $\begin{array}{r} 9 n, 12 n, 209 \\ 1,010,0 n_{1}, 012 \end{array}$ |
|  | 17,408 | 1,03,800.0989 | 2.17,187 | 37,740 | 8, 56,107 | 1,00,44,023 | 16,54,589 | 1,20,44,001 |
|  | 1708,800 | 8,33,45,680 | 4,90,121 | 2,27,578 | 6,00,430 | 8,66,03,074 | 21,81,077 | 8,78, $4,151$. |

In 1890-91, an improvement of Rs. 14,548, or 5.78 per cent., was recorded in imports of both foreign and Indian merchandise from Bengal in comparison with the preceding year. A further rise amounting to Rs. $6,19,507$, or $232 \cdot 20$ per cent, was noticeable under this head in comparison with the year 1890-91, when the figares were Rs. 2,86,797, against Rs, 8,86,304 in the year under report. The articles in which the increase occurred werechiefly cotton white piccegoods, jute gunny bags and cloth, rope and twine, betelnats, refined sugar and woollen piecegoods. In apparel, cordage, cotton twist and yarn, and rice, trade declined. The total valne of forcign merchandise imported from Bombay amounted, during the ycar under review, to Rs. $1,59,42,689$ against Rs. $1,36,19,567$ in the preceding year. The increase of Rs. 23,23,122, or 17.05 per cent., was principally in apparel, firearms, arms, ammunition, \&e., other sorts, cotton grey, white and coloured printed or dyed piece-goods, cotton manufactures other sorts, dycing and colouring materials, hardware and cutlery, ale, beer and porter, brandy, machinery and mill-work, copper, iron, lead, raw silk, silk pieco-goods, tea, woollen piece-goods, and wool manufactures, other sorts. The trade in gunpowder, candles, cotton twist and yarn, cotton handkerchiefs, drugs and medicines, brass, steel, zine or spelter, spices, refined sugar and woollen shawls declined. An improvement of Rs. $9,28,101$, or $15 \cdot 24$ per cent., was noticeable in imports of Indian produce and manufactures from Bombay in comparison with the year 1890-91, when the figures amounted to Re. $60,87,806$, against Ra. $70,15,907$ in the year under review. The rise was chiefly in animals living, apparel, coffee, cotton twist and yarn, cotton grey and coloured, printed or dyed pieco-goods, myrabolams, tarmeric, cocoanuts, cocoanut kernel, fraits other sorts, rice, hides dressed or tanned, jute gunny cloth, spirite other surts, brass, copper, tin, provisions other sorts, betelnute, cardamoms, pepper and unrefined sugar. In coir manufactured, cotton manufactures other sorts, pulse, fute gunny bags, rope and twine, iron, castor oil, vegetalle oil other sorta, ghi, silk piece-goods, tobacco, mannfacturus
otber sorts, teak, and timber other linds, trade decined. Compared with the jear 1890-91, DIBTAIBDTION: there was a rise in imports of both foreign and Indian merchandise from Madras amonnting to Hs. 31,502 , or 12.75 per cent. The trade rose from Rs. $2,47,372$ in 1890-91, to Rs. 2,78,934 in the year under report. The improvement was chifly in cordage, cotton twist and yarn, cocoanuts, cocoanut kernel, spirits other sorts, refined sugar and cigars. There was a decline in tormeric, dried fruite, betelnuts and pepper. There was a falling off to the extent of Re $1,07,218$, or $\mathbf{3 6} .04$ per cent., in imports of foreign and Indian merchandise from British Burma in comparison with the year 18』0-91. The trade fell from Rs. 2,97,456 in 1890-91, to Re. $1,90,238$ in the year under review. The decrease was entirely in teak timber. There was, bowever, an improvement in cotton coloured, printed or dyed piece-goods, and tea. The entire value of both forcign and Indian merchandise imported from British porte within the province amounted, during the year onder report, to Rs. $3,54,979$ against Rs. $3,07,380$ in the previons year, the increase being Rs. 46,903 , or 15.25 per cent., chiefly in cotton grey, white and coloured, printed or dyed piece-goods, rice, pulse, hides and raw skins, jute gunny bags, regetable oils other dinds, iron, provisions other sorts, betelnuts, pepper, and manufactured tolacco. In jowari and bajri, ghi, rapeseed, til or gingelly seed and spices other sorts, trade declined. In imports of both foreign and Indian merchandise from Indian ports not British, there was an improvement of Rs 1,55,218, or 45.55 per cent., contrasted with the year 1890-91. The figures were Rs. $4,96,189$ in 1891-92, against Rs. $3,40,971$ in the previous year. The increase was principally in cotton coloured, printed or dyed piece-goods, cocoanuts, cocoanut kernel, wheat, jowari and bajjri, castor oil, dried fruits, ghi, silk piece-goods, betelnut, unmanufactured tobacco and timber, other kinds. There was a decline in cotton canvas, jute gunny bacgs, seeds other kinds, pepper and spices other kinds. The total value of both foreign and Indian merchandise exported to Bengal amounted, during the year under report to Rs. $\mathbf{1 7 , 4 9 6}$ agrainst Rs. 9,891 in the year previous. The increase of Rs. 7,606,-or, 76.90 per cent, was chiefly in apparel, cotton coloured, printed or dyed piece-goods, raw hides, brandy, and epirits other sorts. There was a falling off to the extent of Rs. $2,61,400$, or $14 \cdot 94$ per cent., in exports of foreign merchandise to Bombay in comparison with the year 1890-91. The trade fell from Rs. 17,49,220 in 1890-91, to Rs. $14,87,820$ in the year onder report. The decline was chiefly in cotton handkerchiefs, ale, beer and porter, spirits other sorts, iron, steel and tea. There was, however, an improvement in apparel, firearms, cordage, cotton twist and yarn, cotton grey and white piece-goods, drugs and medicines, dyeing and colouring materials, brandy, wines and liqueurs, machinery and mill-work, brass, copper, refined sugar and woollen piece goods. Contrasted with the year 1890-91, an improvement, amounting to Rs. 4,69,84S, or $5 \cdot 57$ per cent., was noticeable in exports of Indian produce and manufactures to Bombay. The figures were Rs. $88,98,273$ for the year under report, against Rs. $84,28,425$ in the preceding year. The rise was principally in animals living, apparel, chemicals, cotton twist and yarn, indigo, dyes other sorts, fruits other sorts, gram, hides and raw skins, jute gunny bags, ghi, salted fish, mustard seeds, rapeseed, til or gingelly seed, seeds other sorts, and raw wool. In raw cotton, rice, wheat, jowári and bajri, gums, dried fish, not salted, and provisions other sorts, trade declined. In exports of both foreign and Indian merchandise to Madras, there was an increase of Re. $1,31,420$, or 153.22 per cent., in comparison with the vear 1890-91. The trade rose from Re. 85,767 in $1890-91$, to Rs. $2,17,187$ in the year under review. The improvement was chiefy in apparel, gram, wheat, jowári and bsjri, mustard seeds, and seeds other kinds. Compared with the year 1890-91, exports of both foreign and Indian merchandise to British Burma exhibited a decline to the extent of Rs. 11,117, or 22.75 per cent. The trade fell from Rs. 48,857 in 1890-91, to Rs. 37,740 in tne year under review. The falling of was principally in fish dried, not salted. In ghi and salted fish, trade improved. The entire value of both foreign and Indian merchandise exported to British ports within the province amounted, during the year under review, to Rs. $3,35,507$, against Rs. $3,22,638$ in the year previous, the increase being Rs. 12,869 , or 3.98 per cent., chiefly in chemicals, cotton grey, white and coloured, printed or dyed piece-goods, rice, and manufactured tobacco. In refined sugar, trade declined. There was a falling off in exports of both foreign and Indian merchandise to Indian ports not British to the extent of Re. $5,91,130$, or 26.31 per cent., compared with the year $1890-91$. The trade fell from Rs. $22,46,018$ in $1890-91$ to Rs. $16,54, \times 88$ in the year under report. The decrease "ras principally in cotton coloured, printed or dyed piece-goods, jowari and bajri, iron, til or gingelly seed and unrefined sugar. There swas, however, an improvement ingram, rice, wheat, oils, vegretable other kinds, seeds other sorts, betelnuts and refined sugar. The number of vessels engaged in the coasting trade that entered Karachi barbour with cargoes fell to $\mathbf{1 , 5 7}$, from 1,628, with an aggregate burthen of $2,62,682$ tons, against $2,53,411$ tons in $1890-91$. The number that cleared with cargoes was 1,257 with a burthen of $2,76,561$ tons, against 1,483 with a burthen of 2,97, 908 tons, which cleared in the previous year.

## Sobordinatz Ports or Sind.

The value of foreign trade at this port, both imports and exports, amounted, during the Keti Bandaryear under report, to Rs. 809 against lis. $\mathbf{z 7}$ in the previous year. In 1890-91, an improvement of Rs. 25,653 , or 17.49 per cent., was recorded in inports of foreign merchandise, in comparisn with the previous year. A further improvement of Rs. 6,464 , or 3.35 per cent., was noticeable under this head, contrasted with the year 1890-91. The figures were Rs. $1,98,857$ for the jear under report, against lis $1,92,393$ in the preceding year. The rise was chiefly in cotton grey, white and coloured, printed or dyed piece-goods. In sugar, trade declined. There was a falling off to the extent of Rs. 10,971 , or $10 \cdot 64$ per cent., in imports of Indian prodace and mandafactures in comparison with the year 1890-91, when they amounted to Rs. $1,03,080$ against

Rs. 92,089 in the year under report. The fall was principally in coir, cordage, jute finny laceo, eeds, spices, and timber. There was an increase in cotton grey and coloured, printed or dyed piece-goorla, dyeing and colouring materials, oils, provisions, silk piece-gords and sugar. Cumpared with 1890-91, imports of treasure showed a decrease to the extent of $\mathrm{ks}, 2,353$, havincg fallen from .Rs. 8,395 in 1890-91 to Rs. 6,012 in the year under report. The aggregate valie of both foreign and Indian merchandise exported, during the year under repurt, amonntal to Rs. $7,63,761$, agoinst Re. $8,52,250$ in the year previous. The decrease of Rs. 89,489 , or $16: 39$ per cent., was chiefly in raw cotton, rice in busk, wheat, jowari and bajri, grain other worts, provisions, rapeseed, and til or gingelly seed. There mas, however, an increase in chemical products \&c., drugs and medicines, dyeing and colouring materials, rice not in hask, pulse, and raw wool. A slight increase, viz. Rs. 436, was noticeable in export duty in comparison with the year 1590)-91, when it athounted to Rs. 12,727, against Re. 13,163 in the year under report.

There was no trade with foreign countries at this port, but there was trade with Kararhi, Bombay, Madras and Cutch. The entire value of both foreign and Indian merclandise impurted, during the year under report, amounted to Rs. 95,964 , against Rs. 57,710 in the previous yeaf. The increase of Rs. 38,254 , or $66 \cdot 28$ per cent., was principally in cotton grey, white and coloured, printed or dyed piece-goods, turmeric, jute gunny bags, leather manufactures other sorts, iron, provisions other sorts, salt, silk piece-goods, Vetelnuts, and munnfactured tobacco other sorts. An improvement, amounting to $\mathrm{Rs}_{\mathrm{s}} 28,42 \mathrm{5}$, was noticeable in imports of treasure compared with the year 1890-91, when the figures were Rs. 25, 106 against Rs. $58,5 \$ 1$ in the year under review. Exports of both fureign and Indian merchandise rose from Rs. 2, 16, 503 in 1890-91, to Rs. 2,55, 910 in the year under report. The inerease of Rs. 69,437 , or 39.07 per cent., was principally in pruldy, rice, jowári and bajjri, hides and skins, ghi, sceds other sorts, and raw wool. In palse, grain other sorts, and til or gingelly-seed, trule declincl. In 1590-91, an increase of Rs. 1,150 was recorded in export duty in comparison with the preceding year. A further improvement of Rs. 2,411, or 14.18 per cent., was noticeable under this head contrasted with the year 1890-91. The revenue rose from Rs. 10,994 in. 1890-91, to Rs. 19,405 in the year under report. The increase was due to larger shipments of rice and paddy to Cutch.

## Sind Extrraal Land Trade.

The suljoined statement exhibits the entire value of the external land trade of the Proviace of Sind and British Baluchistán with countries external to British India and British Baluehistín, viz. Afghánistán and Baluchistán, both by road and railway, during the part three years :-

| Imports |  |  |  | 1989.00, | 18000.0. | 1801.en. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\cdots$ | ... | ... | Ihs. | Rs, | Rs, |
|  |  |  |  | 38,37,473 | 36,39,440 | 50,88,6.44 |
| Exporta | ... | ... | Total | 1,84,55,468 | 1,06,78,2:58 | 61,89, 001 |
|  |  |  |  | 2,22,02,941 | 1,93,17,698 | 1,18,78,54t |

There was a falling off in the total value of the external land trade to the extent of Rs. $74,39,153$, or 38.50 per cent. in comparison with the year 1890-91. This wasentirely due to exports, at in imports there was a large increase. The figures were Re. $1,18,78,545$ in the year 1891-92, against Rs. $1,03,17,698$ in the preceding year. The figures for rilway materials have not been included in these returns for the year 1891-92. If railway materials be excluded from last year's figures, the net decrease would amount to only Rs. 2,02,053, as the figures for railwar materials fur the year 1890-91 amounted to Rs. 72,37,100, viz. Rs. $2,29,010$ in imports, and Re. 70,03,090 in exports.

The following table shows the extent of the external import land trale with fureign countries for the pant three years:-


The value of the import trude, both by road and railway, amounted during the year under review to Rs. $56,88,644$, against Rs. $38,39,440$ in the previous year, the increase being Rs. 20,49,204 or $50 \cdot 30$ per cent., principally in sheep and goats, other animals, arms and ammunition, assafæetida, fruits and nuts, wheat, other spring crops, rice, iron, oils, ghi, other provisions, saltpetre, silk manufnctured, spices, stone and lime, unrefined sugar, tobacco, timber, raw wool and woollen piece-goods. There was a decline in horses, ponics and mules, cattle, coal and coke, gunny bags and cloth, gram and pulse, other rain crops, gums and resins, hides of cattle, manufactured leather, mats, mustard and rape seeds, til or gingelly secel, and other oil-seeds.

The subjoined table exhibits the extent of the external export land trade with foreign countrics for the past three years :-


In exports, both by road and railway, there was a decrease amounting to Rs. 94,88,357, or 60.51 per cent. in comparison with the year 1890-91, when they amounted to Rs. $1,56,78,258$, against Rs. $61,89,901$ in the year 1891-92. If the figures for railway materials, viz. Re. $_{8} 70,08,090$, be excluded from the figures of 1890-91, the net decrease would amount to Rs. 24,80,267 only. The falling off was principally in cattle, coal and coke, raw cotton, cotton piece-goods, Indian dyes, gunny bags and cloth, other fibres manufactured, cocoanuts, all other kinds of fruits and nuts, wheat, gram and pulse, spring crops, rice, other rain crops, hides of cattle, leather and manufactures of leather, brass and copper, iron, petroleum, other oils, ghi, other provisions, salt, seeds, spices, saline substances, sugar, refined and unrefined, tobacco, timber, firewood, and woollen piece-goods. There was, however, an increase in sheep and goats, arms and ammunition, borax, Chinese and Japanese ware, cotton twist and yarn, both European and Indian, cotton, European piece-goods, indigo, earthenware and porcelain, and tea, Indian and foreign.

There was a falling off in imports of horses, ponies, and mules to the estent of 347, value Imports. Rs. 88,515 , in comparison with the year 1890-91. The trade fell from 843 animals, value Rs. $1,46,650$, in the year 1890-91 to 496 , value Rs. 78,185, in the year under report. As stated in the previous year's report, there was a large number of high-priced horses brought to the Horse Show held at Jacobabded in 1890-91. The total number of animals, other than horses, ponics, and mules, imported during the year under review amounted to 22,443 , value Rs. 82,894 , argainst 2,472 , value Rs. 33,942 , in the preceding year, the increase being in number 19,971, value Rs. 48,952. A large improvement was noticeable, amounting to maunds 548 , value Rs. 78,680 , in imports of assafcetida, in comparison with the year 1890-91, which amounted to maunds 6, value Rs. 120, against maunds 554 , value Rs. 78,800 . Imports by road from Kandahar accounted for most of the increase. Imports of fruits and nuts rose from maunds 72,109 , value Rs. $9,19,160$, in the year 1890-91, to maunds $1,19,310$, value Rs. $18,23,695$, in the year under report, being an increase of maunds 47,201 , value Rs. $4,04,535$. In imports of whent, there was an improvement amounting to maunds 57,622 , value Rs. $1,72,049$, in comparison with the year $1890-91$. The figures were maunds 74,669 , value Rs. $2,24,098$, in $1891-92$, against maunds 17,047 , value Rs. 52,049 , in the previous year. The increase was due to a good crop in Afghánistan, and to favourable prices obtaining in this market for exportation to Eumpe. There was a rise in imports of grains, other than wheat, amounting to maunds 22,096 , value Re. 48,742, in comparison with the year 1890-91. The trade rose from maunds 20,114 , value Rs. 44,442 , in $1890-91$, to maunds 42,210 , value Rs. 98,184 , in the year under report. The causes of the increase were the same as those noted against wheat. Compared with the year 1990-91, there was a falling off in imports of gums and resins from maunds 3,884, value Rs. 18,963 , in $1890-91$, to maunds 850 , value Rs. 2,986 , in the year 1891-92, which was due to the alsence of rain in Las Beyla Territory, whence this article is chiefly imported. Imports of hides
and skins amometed, duiring the ycar onder report; to Rs, 19,125, against Rs. 19,038 in the preceding year. An improvement, amounting to maunds 2,660 , value ks. 65,961 , was noticeable in imports of ghi in comparison with the year $1890-91$, when they arnonnted to maunds 2,708 , value $\mathrm{R}_{\mathrm{s}} .79,005$, against maunds 5,388 , value Rs. $1,45,586$, this year. Imports of raje and mustard seeds fell from mands 48,187 , value Ks. $2,12,325$, in 1890-91 to maunde 24,733 , value Rs. $1,10,004$, this year, owing to a bad crop; but the figures are much higher than thonse for the years 1888-89 and 1889-90. In spices, other forte, there was a great improvement. The trade amounted to maunds 7,715 , value Re. $1,05,491$, in $1891-92$, against mands 2,360 , value Rs. 30,764, in the preceding year. The greater bulk was carried by railway. Compared with the year 1890-91, there was a great improvement in imports of ruw wool. The trade rose from maunds $1,26,638$, value Rs. $18,87,852$, in $1890-91$, to maunds $2,18,309$, value Re. $26,78,795$ in the year 1891-92. The increase was due partly to a good clip and partly to greater demand in the Karachi markets for exportation by sea to the United Kingdom.

| Exports. | Compared with the year 1890-91, there was a decline in exports of animals, principally cattle, and sheep and goats. The figures were 758 animals, value Rs. 6,325, in $1891-92$, against 1,104 , value Rs. 23,815 , in the previous year. The decrease was due to less cattle and sheep and goats having crossed the frontier for pasturage than usual, owing to failure of rain in Baluchistan. Exports of cotton twist and Indian yarn rose from maunds 542, value Re. 14,093 , in 1890-91, to maunds 1,338 , value Rs. 34,894, this ycar.. Exports of European ootton piecegoods amounted, during the year 1891-92, to maunds 29,545, value Re. 22,50,537, agninst maunds 13,045 , value Kis. 11,40,747, in the previous year, showing an improvement of mands 16,500 , value Re. $11,09,790$, due to over jmports by ses of these commodities into Karachi. But exports of Indian cotton piece-goods fell from maunds 55, 885 , value Rs. $22,05,181$, in 1890-91 to maunds 32,434 , value Rs. $12,85,355$, in 1391-92, the decrease being principally in exports by railway. In exports of indigo, there was an improvement in comparison with the year 1890-91, when they amounted to maunds 1,499 value Rs, 92,981 , against maunds 2,418 , value Rs. $1,66,867$, this year. The increase occurred chietly in exports by railway. Compared with the year 1890-91, there was a falling off in exports of grains to the extent of maunds $1,45,687$, value Rs. 4,20,359. The trade fell' from maunds $2,19,814$, value Rs. $6,61,353$, in 1890-91, to maunds 74, 127, value Rs. 2,40,994, in 1891-92. The decrease was due to favourable crops in Afghanistán. There was a decline in exports of liquors to the extent of maunds 7,222, value Rs: $4,16,440$, in comparison with the year 1890-91. The figures were maunds 1,868 , value Rs. 97,830, for the year 1891-92, against maunds 9,090 , value Rs. 5,14,270, in the preceding year. The falling off was due to the overstocks of the previous year, when the exports were above the average. Exports of iron amounted to maunds 25,386 , value Rs. 2,18, u57, against maunds 39,529 , value Rs. $3,44,067$, in the previous year, ehowing a deorease of maunds 14,183 , value Rs. $1,26,910$, chiefly in exports by railway. The trade under this head has been gradually falling off since the year 1887-88. In exports of ghi, there was a falling off to the extent of maunds 2,635, value Rs. 85,569, contrasted svith the yoar 1890-91, when they amounted to maunds 8,160 , value Rs. $1,02,210$, against mands 525 , value Rs. 16,641 , this year. The decrease was on account of absence of rain in Sind, in consequence of which large quantities of ghi had to be brought from Kabul Territory to meet the requirements of Sind. In 1590-91, a decline to the extent of maunds 778, value Rs. 23,900, was recorded in exports of sugar, refined and unrefined, in comparison with the year 1889-90. A further docrease, amounting to maunds 35,685 , value Rs. $3,42,970$, was noticemble in 1891-92. The figures were maunds 25,975 , value Re. 2,03,208, this year, against mannds 61,658 , value Rs, $5,48,178$, in the previous year. The decwease occurred chietly in exports by railway. There was a ribe, amounting to mannds 1,286 , value Re. 1,05,873, in exports of tea, forcign and Indian, contrasted with the year 1500-91. The trade rose from maunds 918, value R.s. 72,120 , to maunds 2,204, value Rs. 1,77,993. The improvement was due to greater demand in Afghánistín. |
| :---: | :---: |
| 1hegistation of traile. | From the commencement of the year undur report, 4 poste, viz., A'bad, Wakna, Larkann, and Khyra Ghári, for the registmation of trade through the Bolan were abolished, and a new post at Panjpai opened, in accordance with the orders of the Government of India |

## (3) ADEN.

Total Trade.
The total value of the sea-borne and inland trade for the year 1891-92, exclusive of Government stores and treasure and cargo manifested for direct transhipment on importation without invoice, amounted to Rs. $7,53,05,085$, exhibiting an increase of Rs. $1,07,95,600$, or 18.7 .3 per cent. over that of the preceding year. The chief cause of inerease in the trade of Aden was the unprecedentedly large and good crop of coffee produced in Yemen, the demand for which, owing to the troubles in Brazil, was very large. The import of this article was Rs. $88,04,468$ over that of the year previous, and the exporte were Rs. $38,33,404$ in excess of that of the same period. Owing to continued direct communication between Indin, Massowah and Suakin by steamers, the export trade to those ports fell, the former by 41 lokhs and the latter by over 2 likhs. In consequence of the Maria Teress dollar being the standard required for the purchase of coffee, the import of treasure increased by over $9 \frac{1}{2}$ lakhs, of which Austrin contributed 4 lákhs, India 8 lákhs, Zanzibar $3 \leq 14 k h s$, Assab $1 \frac{1}{2}$ lakhs, Zaila $1 \frac{1}{2}$ lakhs, Berlera $\frac{1}{2}$ a laikh and Egypt $5 \frac{1}{6}$ lakhs. Decrease in the import of treasure was ohserred from Guakin of $2 \frac{1}{2}$ lakhs, from Massowah of $8 \frac{3}{3}$ lakhs, and from Arabian sea ports of $3 \frac{1}{2}$ lakhs. The whole of the trade routes into and out of Aden by tho mainland having been placed under better observation of the Registrar of Kafilahs, accounted for a further apparent increace
of trade.

The trade of Aden divided into Foreign; Indian, and Inland ia shown in the following PIBribrburions table:-

| Divelosa. | 189001. | usimena | Isazace. |
| :---: | :---: | :---: | :---: |
|  | R. | Re. | Rs, |
| Foreign Trade | 4,73,36,097 | 5,68,98,424 | +95,61,727 |
| Indinn | 1,29,58,144 | 1,31,17,688 | +1,59,544 |
| Inlead $n$ | 42,14,644 | \#2,88,973 | +10,74,324 |
| - Total | 6,45,09,485 | 7.53,05,085 | +1,07,95,000 |

There was thas an increase under every head.
Merchandise imported showed an increase of Rs. $35,15,799$, or 18.76 per cent. Treasure Foreign Trade: likewise increased by Rs. $1,74,875$, or $4 \cdot 03$ per cent. Taking both together, there was an increase Importa of Re. $36,90,47 \mathrm{~S}$, or $15 \cdot 99$ per cent. The following table shows imports distributed according to countries as compared with the trade of the previous year:-


United Kingdom.-The imports decressed 2 Iákhs, or 6.64 per cent. Coal decreased by $3 \frac{1}{2}$ likhs, cotton piece-goods by more than $\frac{1}{2}$ a lakh, metals by $\frac{1}{2}$ lakh and provisions by Rs. 18,000, but increases occurred under the heads of machinery and mill-work, ships and parts of ships, soap, telegraphic materials, apparel, books, cabinetivare, and fruits.

Austria.-The increase here amounted to Rs, $\dot{4} \frac{1}{\frac{1}{2}}$ lákhs, or $\mathbf{1 6 5 \cdot 5 5}$ per cent., and occarred chiefly in cotton twist and treasure.

France exhilited an increase of $\$$ lákh, or 1403 per cent., in toys and games, wood, metals, fruits, and candles.

Italy too showed an increase of Re. 18,921 , or $24 \cdot 16$ per cent., under the heads cotton, fruits, and glase.

Other Oountries in Europe showed an increase of Rs. 16,058, or 20.57 per cent., in machinery and liquors.

United States.-An increase occurred here of over 3 lákhs, or 26.14 per cent., in cotton grey shirtings, carriages, and oils.

Egypt.-An increase occurred here of $5 \frac{1}{2}$ lálhs, or $108-07$ per cent., under fruits, drugs, telegraph materials, and treasure.

Massown showed a falling of of $8 f$ likhs, or 47.25 per cent, chiefly in the import of treasure. Slight increases were observed under the heads of shells and perfumery. cause of the fall.

Other Ports.-A decrease of Rs. $4 \frac{1}{1}$ Likhs, or 9.84 per cent., was exhilited under the bends of dyeing materials, coffee, raw hides, ivory, and treasure, but increases were observed in feathers, raw skins and provisions.

Zanzibar and the African Mainland showed an increase of 2 lakhs, or 70.60 per cent., in treasure, goms and skins, but decreases were observed under the heads of feathers, grains and seeds.

Mauritius and Mahé-A slight decrease of Rs. 2,310, or $2 \cdot 30$ per cent., was shown here.
Arabian Ports showed a very large increase of Rs. $35 \ddagger$ lákhs, or 45.85 per cent., which occurred in apparel, cottons, coffee ( $31 \frac{1}{2}$ lakhs), drugs, feathers, grains, jute manufactured, pearls, raw skins, seeds, tobacco, and shells. Decreases were shown under provisions, woollén carpets, and treasure.

Perim.-An increase was shown here of Rs. 17,014, or 98.20 per cent., in the supply, and was attributable to salved cargo of the S. S. Hongkong.

Turkey in Asia showed an increase of Re. 3,14,683, or 63.09 per cent., mostly under the heading of wet dates. Decreases, however, occurred under the heads of grain and treasure.
Persia exhibited a small decrease of Rs. 14,721 , or 9.65 per cent., chiefly under carpets and tobacco, but increases occurred under sail cloth, grain, fruits and wet dates.

Straits Settlementr. -There was a slight decrease here of Re. 5,837, or 2.32 per cent., in drugs, indigo, gums and spices, but increases occurred under sugar and wood.

China.-There was a slight falling off of Re. 5,487, or $\mathbf{3 . 0 4}$ per cent., due to decreased import of sugar and spices.

Other Countries in Asia showed an increase of Rs. 57 , 896 , or $189 \cdot 40$ per cent., for most of which kerosine oil was responsible.

Australia.-Treasure to the extent of Ra, 14,000 was imported; other trale was Re. 88 only, thas making the increase of the whole trade over that of the past ycar Rs. 10,243, or $266 \cdot 40$ per cent.

The total value of the export forcign trade showed an incrense over that of the past year; amounting to Rs. $58,71,254$ or $24 \cdot 19$ per cent. The distribution of exports during the past two years is shown below:-


Cnited Kingdom.-A decrease was observed of Rs. 28,850 , or 1.29 per cent., due to a fill in the trade of goms, raw hides, skins, instruments and machinery, but increases were shown ouder the beads coffee, drugs, mats, manure, metals, curiosities, perfumery, and treasure.

Austria incrensed this year by Rs. 85,579, or 9.02 pet cent., in coffee, hides and raw wook, pIstribition but a decrease was observed in gums and shells.

France-Rs. $8,46,580$, or 38.08 per cent. was shown'here as increase, due chiffly to the export of coffee, skins, shells, and treasure. A decrease, hotwever, was exhibited under the heads of gums and bides.

Italy showed an increase of Rs. 46,079, or 16.04 per cent., in coffee and natural coriosities, but a decrease took place in raw hides.

Turkey in Europe.-Exports decreased by Rs. 32,616 , or 21.70 per cent, in raw hides, but an increase was shown in raw aldins.

Other Oountries in Europe showed an increase of Rs, 31,658, or 17.76 per cent.s. in coffee, but decreases occurred under the heads of hides and ravi skins.

United States of America.-The very large increase of Rs. 27,57,063, or $68 \cdot 65$ per cent. was observed here under the heads of coffee and skins, but a falling off took place under raw hides and ivory.

Ejgypt showed a satisfactory increase of $\mathrm{Ks} .2,11,747$, or $32-25$ per cent., due to brisker trade in coffee, fenthers, skins, gums, and tobacco; there was, however, a falling off in perfumery, silk, and seeds.

Massowah.-The trade here declined by Rs. $4,58,312$, or 35.63 per cent., due to a decrease in the trade in animals, apparel, cotton, grains, oil, provisions, tobacco, and sugar; there was, however, an increase in coffee and treasure.

Suakin exhibited a decrease, again this ycar, of Re. $2,06,598$, or $54 \cdot 19$ per centi, in cotton, grains, oils, provisions, and sugar.

Other Ports showed a decrease of Rs. 2,11,883; or 486 per cent., in animals, apparel, cotton twist, catton piecongoods, country grey shirtings, grains, and freasure, but there was a rise in American grey shirtings, provisions, tobacco, and wood.

Zansibar.-A fall of Rs. 27,827 , of $4 \cdot 60$ per cent., was noticed here, due to smaller iexport of country grey shirtings, provisions, and treasure, but there wwas an increase in beads and Anerican grey ahirtinge

Mauritius and Mfahé exhibited an increase in coffee and treasure of Rs. $\mathbf{3 5 , 2 1 5}$, or 54.63 parcent.

Arabian Ports.-The very lurge increase of Ris. 27,85,150, or $46 \cdot 36$ per cent., wha noticed here under the principal artieles of merchandise, vis, candles, chemicals, cotton twist, eotton pieco-grods, fraite, glass, grains, guma, leather, oils, provisions, seeds, silk pieee-goods apices, pugar, tobecee, and treasure, but there was a decline in coffee, perfumery, and woollea piece-goods

Perim.-The supplies to this island showed a slight decrease of Rs. 31 161; or 1.85 per cent;,
Turkey in Asia.-An increase of Rs. 1,352 , or $2 \cdot 21$ per cent, took phace hene.
Persia showed an increase of Rs. 41,129, or 98.84 per cent., due to an improvement in the exports of American grey shirtings, dyeing materials, raw hides, and treasure.

Straits Settlemonts.-Here an increase was observed of Rs. 7,471 , or 10.54 per cent., in American grey shirtings and treasure, buta a decrease was shown in apparel, books, and shells.

Australia.-The trade bere declined by Rs, $11,689_{\lambda}$ or 67.50 per cent., in apparel ${ }_{2}$ art. works, Chinese and Japanese wares, provisions, and gums.

Jaca.-An increase of Rs. 542, or $115 \cdot 32$ per cent., in carpets was noticed here.
Hongkong showed an increase in the trade this year of Rs. 11,606, or 84:80 per eent., due to better trade in coffee, American grey shirtings, and gums, bat there was aderease in treasure.

The total imports from India off merchandise were .valued at. Rs. $98,54,270$, and of trea- Indian Trade: gure at Rs. $10,88,306$, against Rs. $1,01,67,499$, and Rs. 2,94, 018 , respectively, in 1890-91. -Imports While imports from Calcutta fell by Rs. $7,69,680$, or $38 \cdot 35$, owing to a smaller trade in rice, those from Bombay shoved an increase of Rs. $8,78,184$, or $11 \cdot 15$ per eent. The value of rice, those from Cakcutta was Rs. 1z,39,65s, and from Bombay Rs. 87,47,727. Imports from Karáchi fell from Rs. $5,08,263$ to Rs. $3,29,490$. Imports frqm Madras slightly increased, while those from Cutch and Káthinwár declined.

The exports from Aden to India amounted to R". 8,70,49i worth of merchandise, and And Exports. Rs. $15,04,621$ of treasure, against Rs. $10,38,000$, and Rs. $14,58,627$, the corresponding figures of last year's trade. A decrease of Rs. 8,741 , or $1 \cdot 54$ per cent., took place in the exports of salt to Calcutta, but increases occurred in coffee, jewellery, and tobaceo. The increase of Rs. $1,84,500$ in exports to Bombay was in chemicals, coffee, American grey shirtings, drugs, and treasmre $\because=$

During the year undey report the number of camel-loads brought into Aden inocreased by Ioland Trade : 24.892 , or 15.79 per eent., the artiales in which there was an increase being chiefly coffee, Importa and fodder, grains., water, wood, and charcoal. The total number of camel-loads was 182,388. Exporta.

$$
=741-39
$$

The value of the land import trade incrensed during the year by Rs. $8,62,815$, or 22.73 per cent., the increase being most marked in coffee. At the same time the land export trade increased by Rs. $4,11,514$, or $31 \cdot 67$, more accurate registration being responsible for the major portion of the apparent incresse.

Taking the whole trade of Aden, the following are some of the most noticeable fluctuations

General Trado : Principal luctu* tions. of the principal articles of import and export in comparison with the previous year. (The figures are given in lakhs of rupees):-

| Importa .. |  | Couls. | Cofteo, clean. | Grains and Puleo | Cuma and Boalnd | Baw Hiden. | Entr Skina |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1891-92 | 263 | 82 | $224$ | $7$ | -11 | 21 |
|  | Increasa or Deoren | 31 | +309 | -11安 |  | $-5$ | +4t |
| Exports | $\left\{\begin{array}{l}\text { 1891-93... } \\ \text { Increase or Decrease } \ldots \text {... }\end{array}\right.$ | 3 | + 1048 |  | -96 | -47 | 27 +48 +48 |

The import of coals continued to decrease. The large decrease in the import of bides was accounted for by the cattle-disease of the previous year in Somali land.

The total number and tonnage of merchant vessels which entered the port of Aden for the past two years are given in the following table :-

| Desoriplon. |  | 1800.018. |  | 1801-02. |  | Incrome or deeromes. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Na. | Toss. | No. | Tonn. | No. | Tons. |
| Entored | $\ldots\left\{\begin{array}{lll} \text { Steam } & \ldots & \cdots \\ \text { Sailing } & \cdots & \ldots \\ \text { Country } & \text { C̈aft } & \ldots \end{array}\right\}$ | $\begin{aligned} & 1,425 \\ & \mathbf{2}, 386 \end{aligned}$ | $\begin{array}{r} 2,366,950 \\ 1,690 \\ 49,414 \end{array}$ | $\begin{aligned} & 1,572 \\ & \dddot{i}, 367 \end{aligned}$ | $\begin{gathered} 2,582,211 \\ \cdots \cdots \quad 4,264 \end{gathered}$ | $\begin{array}{r} +147 \\ -18 \\ -10 \end{array}$ | $\begin{array}{r} +215,281 \\ -1,6!90 \\ -150 \end{array}$ |
|  |  | 2,813 | 2,418,054 | 2,930 | 2,631,475 | $\div 126$ | +213,421 |
| Cleared | $\sim\left\{\begin{array}{lll} \text { Staam } & \cdots & \cdots \\ \text { Sailing } & \cdots & \cdots \\ \text { Country } & \text { COaft } & \cdots \\ \text { Total } & \ldots \end{array}\right]$ | $\begin{array}{r} 1,419 \\ 2,379 \\ \hline \end{array}$ | $\begin{array}{r} 2,250,164 \\ 1,690 \\ 48,169 \end{array}$ | 1,578 71,343 | $\begin{array}{r} 2,588,808 \\ \cdots 49,077 \end{array}$ | +154 -38 -36 | $\begin{array}{r} +299,654 \\ +1,690 \\ +1.518 \end{array}$ |
|  |  | 2,800 | 2,406,808 | 2,916 | 2,036,786 | +116 | +290,482 |

There was a very satisfactory increaso of 147, or 10.31 per cent., in the number and 215,281, or $9^{\circ} 09$ per cent., in the tonnage, of merchant steam vessels that entered the port during the year under report. No esiling vessels entered the port against 2 the preceding year. There was a decrense in the number of country craft that visited the port, of 19 , or 1.37 per cent,, and in tonnage of 150 tons or 30 per cent. Of the total number of vessels which antered the port during the year, 481 called for or discharged coals, 830 called for or discharged cargo, 38 called for provisions or water, 147 called for mails, 28 called for, or landed, passengers and the remainder for miscellaneous parposes.

## Public Works.

Crivil Works.
General.
The total expenditure of the year on Civil Works was Re, 62,79,382, as below:-


In round figures, the expenditare on new works was Rs. 81 lakhs ; on repairs Re, 181 lalhhs ; on entsblishment Rs. $11 \nmid$ lakhs ; and on tools and plant about Re. 1 lakh. The corresponding expenditure in 1890-91 amounted to Rs. $29 \pm 1$ lakhs, Rs. 19 lákhs, Rs. 11 lakhs and Rs, 4 lalkhs. There was thus again a steady increase under every head. 'The gross outlay on original works under the head Civil Buildings was Rs. 18,13,023, of which Rs. $1,56,374$ was on buildings
classed under Imperial Services, and Rs $16,56,649$ on those classed under or chargeable to Provincial Services Under the former no new works of any magnitude were carried out, but steady progress was made in meeting the most urgent wants of the Salt Department in the matter of providing roads, custom-houses and nákás, quarters for establishment, and in improvement of watersupply; and on the Somili Coast in completing the requirements of the various departments at the stations on that coast. Under Provincial Services grod progress has been made in providing new tuildings and in the improvement of existing buildings for the Revenue, Ảbléri, Judicial, Jail, Police and Educational Departments, and in the completion and construction of Medical baildings from Government funds and from private and other contributions at Bombay, Poona, Ahmedábadd, Aden and elsewhere, details of which will be found under the proper heads. The gross outlay on original works under the head Communications from Provincial and Local Funds and from contributions amounted to a little more than 9 lakks, which was spent on the completion and continuation of new, and the improvement and metalling of existing roads, and in the con.struction of large and amall bridges. Under the head Miscellaneous Rublic Improvements the Gross outlay on original works was about 4 ro lákhs, principally on •works of water-supply undertaken on behalf of Municipalities. Owing to a deficient rainfall, it became necessary to commence relief operations in the three districts of Belgaum, Dharwar and Bijapur. The actual cost of establishment of all classes fell from Rs. 17,84,016 to Rs. 17,59, 849 in the year under report. The total revenue realized in the Public Works Department was Rs. 14, 0 , 419 against Rs. $14,68,959$ in the previous year. Of the former sum Rs. $7,48,249$ were under the head of Civil Works, against Rs. $8,12,475$ realized.under the same head in the preceding year. Toll revenues amounted to Rs. $5,82,654$.

## Civil Buildings.

The expenditure under this head was Re. 2,95,920, sub-divided as under:- Imperial Servicee.

Rs.
Rs.
Original Works
Reprirs
Establishment
Tools and Plant

1,51,374
1,86,116

- 50,268

3,162

The corresponding expenditure in 1890-91 was Rs. 2,42,689.
The office and store-room for the Range Forest Officer at Thloda was completed at a cost of Forest. Rs. 1,593, the old fort at Dhadgaon in the Khindesh Collectorate was under conversion to serve ns a Range Forest office, and improvements to the Range Forest office and property room at the Nandurbar kacheri were in progress.

At Bombay, quarters, with out-houses, were constructed for the Customs preventive officer Customs at Warli Bandar, at a cost of Rs. 6,486; and a new bungalow was built for the resident inspector at the custom house at Karachi, at an expenditure of Rs. 6,928.

At Bombay, a road from Mohota Antop Chowkey No. 4, near Sewri Agar, estimated to cost Salt. Rs. 20,168 , was completed during the year at an outlay of Rs. 19,980, and portions of embankment of a second road were formed. In the Thána Collectorate the náka office at Malavii, commenced in the past year, was completed at a cost of Rs. 3,146 . A salt custom-house at Merve was nearly completed during the year, the outlay on which was Rs. 2,907. A road from Umela to Pápdi was commenced during the year, and the earthwork, culverts and drains nearly completed, at an outlay of Rs. 7,482. In the Surat Collectorate, quarters for the sirkárkín at Dhárásna were in progress, and Rs. 2,985 were expended. Quarters for karkúns were also in progress, and Rs. 6,776 espended up to the close of the year. In the Ahmedabad Collectorate, measures were in progress for the restoration of breaches in the western embankment of the water-supply tank at Kháraghoda. The outlay was Rs. 4,096. In the Kánara Collectorate, a pier, preventive office, and weighing shed at Sánikatta, commenced in 1890-91, was practically completed during the year, the outlay to the close of which amounted to Rs. 11,984, against the estimate of Rs. 14,826. In the Kolaba Collectorate, the sir-karkín's kacheri at Malekhind, near Karanja, was completed at a cost of Rs. 8,836; and peons' lines neariy completed, the outlay being R.s. 5,260 , against the estimste of $\mathrm{Rs} .5,539$; an approach cart road, from the same kacheri to the Uran-Karanja road, was also in progress, and Rs. 1,811 erpended. In the Karáchi Collectorate the ventilation of the rooms occupied by the clerks at the Maurspur salt works was improved, and a new latrine provided, at a cost of Rs. 1,419 . In the Shikarpur Collectorate, an upper storey was added to the office of the Salt Depôt at Sukkar, and 2 store-rooms built in connection with it, at a cost of Rs, 2,181.

The only works in progress during the year, at the Bombay Mint, were those of providing Mint accommodation for the new 50 horse-power engine, which was completed at an outlay of Rs. 3,977; and the re-roofing of the old cutting department, which was completed at a cost of R. 2,402.

Certain additions and alterations to the General Post Office at Bombay were completed at a Post Offices. cost of Re. 2,531.

PRODUCTION
DISTRIABUTION.
Telegraph.

Special repairs to the buildings at Sakkur, in the Slikarpar Colloctornte, occupied by the Telegraph Department, and known as Barracks Nos. 8 and 9 , were in progress during the year. The outlay was Rs. 5,326.

Administration.
Improvements and special repairs at the Baroda Residency were nearly completed at a total cost of Rs. 4,306.

Somali Coast works
The grants eanctioned by the Government of India for works on the Somali Coast were :-

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and the principal works carricd out during the year were as follows:-A new block to the Residency at Berbera was in progress and Rs. 2,835 expendod; and a school and hospital completed at a cost of Rs. 1,058 and Rs. 1,415, respectively. A Residency was built at Bulhar. The small jail at Zaila was completed at an expenditure of Re. 2,706. An old Egyptian customhouse and Block No. 4 at Berbera were converted into arm-housce, and an arm-house built at Zaila. Defensible quarters for police were in progress at Karam; and Camel Savars' Lines were completed at Bulhar and at Zaila. Three masonry tanks at Dular, for settling the water for supplying the town of Berbern, were completed daring the year. A'circular well was constrncted at Takusha near Zaila. A beacon was crected on the Efat Island at a cost of Rs. 1,055. Three bunds were constructed at Berbera, to protect the native town from floods, at a total cort of Re. 8,243. A bund was in progress at Zaila, to protect the military zareeba at that place from floods, and Rs. 2,973 expended during the year.
Provincial Servicon.
The expenditure from Provincial Funds and Local Funds, and contributions, undor this head (including the outlay on Forest and Customs buildings), was Rs. 25,79,392, agninst
Administration, Rs. $25,50,532$ in the previous year. Momlatdars' kacheris, on the standard plan, were completed during the year at Kalyán in the Thána Collectorate, Báramati in the Poona Collectorate, Igatpori in the Násik Collectorate, Koregaon in the Sitán Collectorato, and Indi in the Bijapur Collectorate; that under construction at Erandol, in the Khandesh Collectorate, was nearly completed; and additions and alterations were mule to that at Parintij in the Ahmodábad Collectorate. A Mahálkari's kacheri was completed at Dhond in the Ahmerlnagar Collectorate. The work of protecting the sides of the hillock on which the Mamlatdar's kacheri and Police Lines at Ron, in the Dharwar Collectorate, stand, was in progress. The sides had been worn away by the weather, and in places cut away by the people for carth. In Sind, 2 new mukhtyárkarates for talukss Ghorabári and Sháhbandar of the Karáchi Collectorate were in progress; also at Kandiáro and Nausháhro in the Hyderaibad Collectorate; re-roofing of the mukhtyarkarate at Tando Mahomed Khin, in thic eame collectorate, was in progress; and additions and alterations to the mukhtyarkarates at Tando Alahyar and Hala, in the Hyderabad Collectorate, and Sehwan, in the Karachi Collectorate, were completed. Some additions and alterations were carried out to the kardarates at Lárkhína and Garhi Yásin, in the Shikarpur Collectorate. The new Revenne Offices at Broach, desoribed in the report for 1887-88, were practically completed: the total outlay to the close of the year was Rs. 56,175. During the year the water tower of the Record Office far the State and Alienstion Records at Poona was completed: the total outliny was Rs. 1,44,228. Reeord accomr molation for Rovenue Survey records was provided at Belgaum, and at Dharwar. Under Collectors' kacheris, additions and alterations to tho aocount oftice of the Colluctor's kacheri at Poona were carried out at a cost of Ks. 4,410; oflices for the Collector, Assistant Collector, \&cc., in the Kolába Colloctorate at Alibag, estimated to cost Me. 21,375, were in progress, on which Rs. 14,000 were expended; and new offices for thie Colleotor of Dluirwar, estimated to cost Rs. 25,437 , were commenced and Rs. 12,668 expended up to the closo of the year. A dew district bungalow, catiminted to cont Me, 5,524, waw under construction at Navalgund, in the Dharwar Collectorate ; and one was completed at Mutli in the Hyderalind Collectorate, at an outlay of Rs. 2,554. The work of converting the old bungalow buildings at Belikeri, in the Kanara Collectorate, into a distriat bungalow, in progress lant year, was completed at an outlay of Rs. 2,858. Stables were commenced at the distriut lungralow at Nardhana, in the Khandesh Colloctorate. Special repairs were carried out to the humpalow at Mirpur Khás, in the Hyderaikad Collectomte, at an outlay of Ke. 3,805. A renidence for the Assistant Collector, eatirnated to cost Re. 7,981, was commeneed at Bhusival in the Khanderb Collectorate. Specisl repairs to the Assistant Collector's bungalow at 'Tando Matumed Khin, in the Hyderabad Collectorate, were in progress, the expenditare to the close of the year baving been Rs. 3,822, against the sanctioned estimate of Re. 4,579. Quarters, with out-louses, for the Apothecary at the Government House, Ganesh Kkind, were completed at a cort of Rs. 8,041; as well as the permanent barracks for the: Governor's Hand at Mahabalenhvar, commenced in the previous year. Secretariat Offices at Mahataleshvar were commenced and completerd at a cost of Rs. 7,203. Improvements were effected to the Government Houss and Commiseioner's office at Karachi, at a total cost of Re, 6,975. Under Political Agencies the officers' quarters at Wajiria, in the Sankheda Mewas, commenced last year, were completed at a total cont of Re. 2,8.44; the officers quarters at Jalodra, in the same State, were praetically completed,

Chap. IV. PRODUCTION Distribition.

Ra. 2.267 having been expended during the year; a treasury and jail at Wadia, in the Rewa Kántha, ertimated to cost Rs, 3,204, were commenced and almost completed; the office buildings in the Agency premises at Rajkot were altered and improved at a total cost of Rs. 4,200; a building for the accommodation of the correspondence office and records of the Political Agent, Cutch, and certain additions to the Agency office at Bhaj, estimated to coost Rs. 3,293, were in progress, and Rs. 507 expended. Improvements to the Residency at Aden, estimated to cost Rr. 8,423, were aanctioned and in progress, and Re, 6,199 expended. For the Excise Department, a new building was constructed at Girgaon, for the inspector of the Chaupati Distillery, Bombay, at a cost of Rs. 2,699; the new distillery buildings at Surat were completed, the total expenditure having been Rs. $1,00,634$; as also the new distillery at Dhalia, which cost Rs. $1,14,239$. The residence for the assistant supervisor of distilleries at. Uran was completed at a cont of Re. 6,840 ; and the provision of additional accommodation for the Ablakri Department at Aden was in progress.

At Ahmodábad the Shah Alum Roza, Bawa Lolli's Masjid, Sayed Usman's Roza, and minor Departments. -Mahafiz Khan's Mosque were repaired at á total outlay of Rs. 4,947; and Rs. 816 were spent on certain other minor works from the discretionary grant at the disposal of the Collector. At Bijapur Rs. 1,600 were spent on the conservation of the old Mahomedan buildings, and special repairs were in progress to two of the buildings, the Gol Gumbaz and the Ibrahim Roza, the outlay on which amounted to Re. 2,656 .

At Bombay, the improvement of the drainage of the High Court Building was completed Law and Justice. during the year, at an outlay of Rs. 8,157. Under District Judges' Courts, the additions and alterations to the Court-house at Broach, commenced last year, were completed at a total cost of Rs. 4,233; the construction of two record-rooms for the District Court-house at Dhalia, the estimated cost of which is Re. 9,081 , was in progress, and Rs. 7,108 wwere expended up to the close of the year ; and additions, consisting of granite stone pavement and dwarf wall, to the west verandah of the Court-house at Kárwár, were carried out at a cost of Rs, 3,217 . Special repairs to the bungalow used as a residence by the District Judge at Shikirpur were completed at a cost of Rs. 5,546 ; and additional accommodation was provided to the District Judge's bungalow st Hyderábad, at a cost of Rs. 2,722. The Small Canses Court at Karáchi was much improved, and additional accommodation provided, at an outlay of Re. 7,038. New Subordinate Judges' Court-houses, on the standard plan, were completed at Dhandhuka, in the Ahmedábad Collectorate, for Rs. 15,966 ; at Málegaon, in the Násik Collectorate, for Rs. 14,859; at Malvan, in the Ratnagiri Collectorate, for Rs. 13,411; and at Sujawal, in the Karáchi Collectorate, for Rs. 14,395. An additional building to accommodate the Joint Subordinate Judge's Court at Dhulia was in progress, and Rs. 3,210 were expended. Additions and alterations were carried out to the Court-houses at Godhra and Dohad in the Panch Mahals Collectorate, at a cost of Ks. 3,741 and Rs. $\mathbf{3}, 836$, respectively ; at Yával, in the Khandesh Collectorate, at a cost of Rs. 5,005 ; and to certain bungalows at Rohri, in the Shikarpur Collectorate, which were purchased with a view to adapting them for a Subordinate Judge's Court-house and residence, at a total cost of Re, 3,009 .

A compound wall, with entrance gate, round the cemetery at Camp Devlali was in progress Ecclesiastical. during the year, Re. 2,496 having been expended against the sanctioned estimate of Rs. 5,189 .

The new jail and workhouse at Bombay was sanctioned, but not proceeded with, pending Jails, the orders of the Government of Indis on the new Provincial contract. The construction of a new Central Jail for Gujarat, on the right bank of the Sábarmati river, opposite Ahmedábad, was pushed on vigorously, an expenditure of Re. 1,98,184 having been incurred during the year, bringing the total outlay up to Rs. 2,86,182, against the sapctioned estimate of Re. 5, 41,714. The following buildings were completed, with the exception of flooring and doors and windows :-Deputy jailor's quarters, guard-room, matron's quarters, hospital assistants' and clerks' quarters, warders' quarters (Block A), 9 wards for males, 5 work-sheds for males, jailor's quarters and out-houses, and cook-room for guard-room. At the new Subordinate Jail at Sátara, additions and alterations to the buildings, and an enclosure wall surrounding the jail, were completed at a total cost of Re. $\mathbf{6 , 1 7 3}$. In connection with the new Central Jail for Sind at Hyderálúd, the site originally chosen, which is within municipal limits, about $1 \frac{1}{2}$ miles north of the present jail, was finally ápproved, and the plans and estimates having been carefully reconsidered and revised, work was commenoed in January. The site occupies 75 acres, of which 50 are reserved for buildings, and 25 for quarries and preparation of materials. The accommodation will be for 890 prisoners. The total estimated cost of the project is Rs. $4,56,040$, which includes a provision of Rs. 7,130 for water-supply. The ground being manicipal property, compensation is required. During the year 23 buildings, out of a total of 76 required, were commenced; of these 18 , including 2 barracks for males, 2 barracks for habituals, hospital for males, quarters for warders, and jailor's and jail superintendent's quarters, were raised to top of plinth, and the foundations of 5 others were laid. The ontlay of the year was Rs. 39,480 . In the Karáchi Jail a workshop and separate sleeping accommodation were provided for habitual prisoners, at a cost of R. 2,828 .

The budget estimate of the year included a sum of Rs. $1,56,000$ for outlay in connection. Police. with the scheme for the provision of suitable quarters for the District Police, of which Re. 54,000 were for buildings commenced in the previous year, Rs. 51,000 for new quarters at different places, and Rs. 51 , 000 for minor works. The programme underwent considerable modification and extension during the course of the year, and provided for an expenditure of Ks. 2,12,900. The actual progress in detail will be ascertained from the following statement :-

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Chap. IV.
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Medical.
The drainage of the Sir Jamsetji Jijibhoy School of Art, Bonbay, was improved, and new drains provided for the Reny Art Workshops; the total outlay on these and other improvemuntm was Rs. 15,024. At the Elphinstone Middle School, Bombay, alterations were proceeded with, consisting of (1) substituting brick for wooden partitions for separating clase-rooms, (2) strengthening the floors, (3) adding upper-storied verandahs to the clase-rooms, and (4) constructing new privies and urinals. An outlay of Rs. 56,888 was incurred during the year, inclusive of comprnsation to the owners of private properties, and the work was likely to be completed shortly. Ther plans and estimate for a residence for the Principal in close proximity to the Deccan College, Poona, having received sanction, the work was proceeded with, and Rs. 6,998 were expended up to the close of the year. All the work in connection with the Pasteur Labboratory, and mubsidiary buildings, attached to the College of Science, Poona, was completed with the exception of the large incinerator; the total expenditure was Rs. 31,039. Additional land, with the house standing thereon, was acquired during the year for the extension of the laboratory, and to provide a rexidence for the Curator of the Takhatsingji Solar Observatory, at a cost of Re. 17,811. At the Veterinary Hospital the work of constructing loose boxes was completed at an outhy of Re. 3,2U4. The construction of a workshop at the Training College, Hyderabad, consisting of two rooms over the studente' quarters, quarters for peons, and bathing platiorm, were completed during the year at a cost of Rs. 3,880 ; and unglazed tile pavement to the students' quarters was provided at a cost of Re. 1,027. The additions and alterations to the High School at Almedaliad were completed during the year at an outlay of Rs. 5,811. Improvements to the Vishríming (High School) at Poona, were also nearly completed, the outlay of the year having been Re. $2,555$. The Dinshaji Rustamji Dalal Gymnasium for the High School at Broach was completed at a total outlay of Rs. 3,842 . Progress was made with certain buildings towards the cost of which Government contributed in the form of a grant-in-aid. These were the Anjuman-i-Islam Schowl, St. Peter's School, the Framji Dinshn Petit Laboratory, the Native Christian Girls' Roarding School, all in Bombay, besides St. Joseph's Convent School at Karachi and the Education Society's City School at Nagar. The progress with school buildings, the cost of which was defrayed from Local or Municipal Funds, under execution by the Public Works Department, was as follows:-School-houses were completed during the year at Wadkin for 40 boys, Nepti and Korhala for 80 boys, in the Ahmednagar Collectorate, for Res, 1,221, Re. 928, and Re. 1,502; that at Kopargaon, in the same collectorate, for 100 boys, was re-constructed at an expenditure of Re. 2,298; the school-house at Betavad, in the Khandegh Collectorate, for 210 boys, was completed at a total outlay of Rs. 5,438; school-houses were also completed at Bhoj, in the Belgaum Collectorate, for 150 boys, at a cost of Rs. 6,010 ; nt Chiplún, in the Ratnigiri Collectorate, for 220 boye, at a cont of Rs. 9,911 ; at Khutív and Atki, in tho Satára Collectorate, for Re. 3,134 and Re. 1,463, respectively ; and at Kardi for 40 boys, and at Havin Hippargi for 50 boys, in the Bijapur Collectorate, for Rs. 2,253 and Rs. 1,711 raspectively. Schoolhouses were in progress at Bardoli, in the Surat Collectorate, for 150 boys, and Rs. 5,084 were expended up to the close of the year; at Pangiri and Bhatodi, in the Ahmednagar Collectorate, for 80 and 40 boys, and Rs. 868 and Rs. 580 were expended ; at Nínded and Mulpur, in the Khandesh Collectorate, for 150 and 80 boys, respectively, estimated to cost Rs. 3,222 and Rs. 2,556 respectively. In the Sátára Collectorate, school-houses were in progress at Devar, Ashta, Yellur, Vasagdi, and Bagin; a new sehool-house for 200 boys, for the School of Industry at Ratnágiri, was also commenced, and Re. 3,062 were expended against the extimate of Rs. 11,727; and achool-houses for 150 boya at Chadehan, and 100 boys at Nidgundi, in the Bijapur Collectorate, estimated to cost Re. 4,931 and Re. 4,026 , were in hand; also additions and alterations to the achool-house at Revdanda, in the Kolaba Collectorate ; and an additional room to the school-hous at Jawla, in the Ahmednagar Collectorate, which was completed at an outlay of Re. $1,088$. Additions to the amall building at Chikulwad, in the Nakik District, were also completed. The municipal school-house at Jalgaon, in the Khandesh Collectorate, for 120 boys, commenced lust year, was completed at a cost of Rs. 4,030 .

At the St. George's Hospital, Bombay, the Male Ward, the superstructure of the lst floor of which was in progress at the close of the past year, was approaching completion. A building for the Resident Surgeon's quarters was commenced during the yeax, An iron miling along the eastern boundary of the hospital premises was in progress. The total outlay on the bospital buildings to the close of the year was Rs. $4,20,009$, against the total sanctioned estimate amounting to Rs. $\mathbf{6 , 1 8 , 7 8 6}$. Government having ordered the segregation of horses and cattle suffering from contagious diseases, onder the operation of the Glanders and Farcy Act, certain baildings required in connection with the working of the Aet were taken in hand during the year, at a site near Sewri Cemetery, selected and miled off for the purpose. They included stables, sheds, a cinerator and servants' quarters. Tho sheds were completed during the year, and the other buildings were in progress. The sanctioned estimate amounts to Rs. 5,919 , of which Rs. 2,314 were expended during the year. The additionsl nurses quartera at the Sassoon Hospital, Poons, were completed during the year, at the cont of Rs, 20,8ㄷ. The Sir Dinshaw Maneckji Petit and Bai Motlibai Howpitals, Bomlay, which were s ' 'ing completion at the clone of the past year, were completed during the year. The totahicsi, vas Rs. 98,859 and Re. $1,53,724$, against the manctioned estimates of $R_{s}, 1,13,327$ and ${ }^{D 00}$ : The out-buildings in connection with these hospitals, mentioned in the last report, $\mathrm{D}_{\mathrm{DO}}$. m . pleted during the ycar at a total cost of Rs. 17,021. The A'wfibdi Bhawnagri Home. 'supil Nurses, Bombay, was completed in 1890-91, but theie was a payment of lis. 4,061 on account of unsettled liatilities daring the year; and R.s. 1,485 were expended in providing furniture, as a charge againgt Provincial Funds. Propossals for constructing a hospital for women and children in the city of Poona, with especial accommodation for obstetric cuses, intended for the



class of women who will net go into the ordinary hospitals, which emanated from Miss Barnard, of the Church of Scotland Mission, were sanctioned during the year. The estimate amounted to Rs. 37,311 for the buildinge and Rs. 5,117 for the site, or a total of Rs. 42,428 , towards which Government promised to contribute a moiety, or Rs. 21,214, and it was stipulated that the hospital, when completed, should be wholly maintained out of the funds of the Medical Branch of the Church of Scotland Ladies' Association for Foreign Missions. The work was commenced and the main building raised to the level of the first floor, and all material for completion collected, the outlay having been Rs. 21,484. The European General Hospital at Aden was nearly completed, together with an approoch rood. The total outlay was Rs. 76,257. The additional buildings for the Civil Hospital, Ahmedabad, were completed at a total- cost of Rs. 23,072. Additions and alterations to the Civil Hospital at Rajkot, called the West Hospital, were in progress. The estimated cost is Rs. 11,112, and includes a cook-room for the hospital and lady nurses, sweepers' quarters, pavement to three of the wards, privies, a bath-room for the female ward, compound wall and railing, and a covered passage connecting the low-caste male ward with the main building, and lastly a carriage-porch. The outlay to the close of the year was Rs. 3,925 . Additions and alterations to the Civil Hospital at Bijapur, estimated to cost Rs. 7,270 , were very nearly completed, the outlay to the close of the year amounting to Rs. 5,635. The Civil Hospital, Nasik, was completed during the year; the amount of the estimnte is Rs. 30,915 , and the outlay was Re. 31,012 . Two night wards at the Lunatic Asylum, Dharwar, providing additional accommodation, were commenced, and Rs. 3,723 expendad to the close of the year, against the sanctioned estimste of Rs. 5,687. The following works at Local Fund dispensaries, \&c., were carried out by Public Works officers during the yuar. In connection with the dispensary at Aklúj, a female ward, cook-house, and dead-house, \&c., were completed for Rs. 2,b18. A dispensary at Párner, together with quarters for the horpital assistant and servants, cook-room, latrine, and mortuary, were completed for Rs. 7, 840 . At Sbergaon a Native doctor's quarters, with quarters for servants, latrine and two bathingplaces, were provided at an expenditure of Rs. 3,641 . At Akola the conversion of the old out-houses of the Mámlatdár's kacheri into a dispensary and the construction of a nevv mortuary, store-room, cook-room, and two latrines, and thorough repairs to the hospital assistants quarters were completed at an outlay of Rs. 1,473. A new dispensary building for Nawfapur was commenced in January, and Rs. 1,227 were expended against the sanctioned estimate of Rs. 9,670. At Yaval, quarters for the hospital assistant in connection with the dispensary were completed for Rs. 2,274; and Rs. 889 were expended on similar accommodation at the Amalner Dispensary, arainst the sanctioned estimate of Rs. 2,147. The Jamsetji Nusserwanji Petit Dispensary at Vada, described in the last report, was completed during the year at a total outlay of Rs. 9,881.

A plot of Government ground behind the Victoria Jubilee Technical Institute at Bombay was filled in, and raised above flood level, at a cost of Rs. 6,454. The difficulty of house accommodation at Dharwar for the Executive Engineer was removed by the purchase of a bungalow for the sum of Re, 7,000.

## Communications.

The total outlay on Communications was Rs. 29,13,320, sub-divided as under:-
Roads.

| Original Works | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $9,07,845$ |
| :--- | :--- | :--- | :--- | :--- | :--- | ---: |
| Repairs $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $14,53,8444$ |
| Kstablishment | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $5,07,588$ |
| Tools and Plant | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | 44,043 |
|  |  | $\ldots$ |  |  |  |  |
|  |  |  | $\ldots, 13,320$ |  |  |  |

against Rs. 27,44,816 last year. A map; in three sheets, is attached, on which are shown the principal lines of road in progress during the year. The works carried out during the year were as follows:-

Northern Division.-In the Ahmedabad District, the road from Dhansura to Harsol was nearly completed. The construction of a bridge over the Mahajam river still remained to be done. The piers of the bridge had been carried up to girder level. Of the revised estimate of Rs. $1,06,313$, Rs. 45,852 were spent during the year and a total expenditure of Rs. 81,156 had been incurrel. Progress was made with the roed from Ahmedabad to Bareja. The earth-work was completed and the masonry works as far as mile 10. The rest-house on the Modása-Bibipara road was completed at a cost of Rs. 3,261 against an estimate of Rs. 3,392 . The whole of the columns of the iron bridge over the Sábarmati river at Ahmedabad were sunk to the required depth before the rains, after which they were tested and raised to the full height, and the complete iron-work of mine spans was fixed in position. The expenditure during the year amounted to Rs. 1,77,498, bringing the total outlay up to Rs. 3,75,079, against an estimated cost of Rs. 4,58,400. In Kaira and Panch Mahals, the road from Kapadvanj to Bibipara, was completed at a total cost of Ks. 28,105. The British portion of the Petlad-Cambay road was cleared and embanked, the masonry works were in progreas, and a fair proportion of metal and other material had been collected. The road is estimated to cost $\mathrm{Rs} .58,159$, of which Government contribute four-fifths and the Local Board one-fifth. Rs. 6,267 were spent on the extension of the Nadiad-Matar road towards Vásna. The Kaira-Sábarmati, Kapadvanj-Nadiad, Godhra-Dohsd and A'nand-Petlád roads onderwent improrements and repairs. The Wetrak river bridge was entirely completed at a total cost of Re. 79,472; and that over the Shedi river at a cost of Rs. 2,898. In the Surat and Broach districts the metalling of the British portion of the Surat-Sachin road was completed at a total cost of Rs. 20,367 ; and that of the Sachin-Lajpur road, in the Sachin State, nearly so.
-741-41 Rs. 2,834. The iron bridge over the Dhadhar river, on the Broach-Jambusar road, was completed at a total cost of Rs. 1,43,230, of which Rs. 2,004 were expended during the year. Progress was made with the bridge over Morwani nala on the Poona-Saroli road. In the Thans District the metalling and other improvements on the Dahanu-Jawhár road were nearly completed; Rs. 12,690 were expended during the year, and the total expenditure had reached Rs. 2,09,519. The Váda-Shirghát road is composed of a Local Fund section 34 miles long, still incomplete, and a Provincial soction; $30 t$ miles long, which was completed, together with 2 extra bridgee, for a total of Rs. 1,78,047, (of which Re. 43,007 were spent this year) against an estimate of Rs. 1,73,430. Progress was made with the metalling of the second section of the road from Bhiwndi to Vada. Progress was made with the unmetalled roads from Kalyan to Dhyear, from Bháyndar to Utan, from Kulve to Belápur, from Málad to Merwa and from Borivli to Gorai and with the forest road through Medwan and Nanivli Khinds. The bridges across the nala at Khálápur and the Gorai creek between Máhim and Kelve were completed at the total cost of Rs. 2,794 and Re. 5,740 respectively. Rs. 7,899 were spent on the masonry bridge across the Waldhun river on the Kalyan-Malsej road, bringing the total expenditure to Re. 7,901, against an estimate of Rs. 11,894. Rs. 2,958 were spent on iron railing for the bridge across the Powds oreek.

Central Division.-In the Poona District the minor items, remaining to be done apon the Katraj tunnel on the Poona-Sátara road, were completed at a total outlay of Rs. 2,498. An examination of the foundations of the Dipuri bridge was taken in hand. The bridges over the Sud Nála on the Wadgaon-Shikrapur road, and over the Bhama river on the Poona-Násik road, were well advanced ; the total expenditure upon them was Rs. 4,497 and Rs. 23,988 respectively. The bullock track from Bhorgiri to Bhimáhankar was improved for the benefit of pilgrims; and progress made with the district road from Ghoda to Ambegaon. In the Ahmednagrar District, materials were collected and progress made on the Ahmednagar-Paithan road and the NagikTrimbak road : as also on the Randha-Samrad, Jámgaon-Kotul, Nevisa-Shevgaon, and TisgaonPáthardi unmetalled roads. Improvements on the unmetalled Supa-Pimpalgaon-Depa and Shrigonda-Kashti roads were comploted. In the Khandesh District, Re. 4,862 were expended on metalling the Bombay-Agra road, bringing the total expenditure to Rs. 50, 608 ; while the metalling of the Dhulia-Chálisgaon and Shirpur Branch roads (the Intter exclusive of that portion within municipal limits) was completed at a total cost of Rs. 47,308 and Rs. 8,858 respectively. Progress was made with the unmetalled Yaval-Tapti road, with the junction road at Bhadgron, the cross road at Erandol, and the Dhulia-Mhasvad road, and with improvements on the SongirNandurbar and Bhadgaon-Talwada roads. Rs. 18,627 were spent on the Dondaicha-Shahada road, bringing the total up to Rs. $1,00,517$; and Rs. 12,440 on the 2nd and Srd sections of the DhuliaAmalner road, bringing the total up to Rs. 29,037 , against an estimate of Ra. 52,955 . The bridge over the Owadi Nala, on the Bombay-Agra road, was commenced during the year, and Rs. 6,822 were spent out of an estimate of Rs. 16,515. In the Sholapur District Rs. 26,546 were spent on improving the Akalkot-Hannur road, and Rs. 13,818 on the Sángvi-Wágdari road, both in the Akalkot State. In the Nasik District, progress was made with the Histah-Barhe Ghát road, which was drawing near completion. In Sátára the Tasgron-Ashts Road Station road was completed, as well as improvements to the Sátara-Párli and Shirgaon Ghát roads.

Southern Division.-In the Belgaum District the metalling of the Belgaum-Linganmat road between Khanápur and Nándgad was completed at a cost of Ra. 14,509, apainst the estimate of Re, 17,965 ; up to the close of the year Rs, $2,83,996$ had been spent on the NipaniMahálingpur road, out of an estimate of Rs. $8,53,405$, and Rs. $3,53,980$ on the Gokik-Navalgund road, out of an estimate of Rs. 4,05,165. The Gurl-Hosur Ferry-boat road was completed, und progress made with the Sankeshwar-Hukeri, Saundati-Dharwar and Bagevadi-Bail Hongal roads, and with the improvements to the Saundatti-Manoli road. In the Dharwar District the new bridge on the Hubli-Sangtikop road was completed at a total cost of Rs. 3,855, and improvements to a portion of tho Pála-Budami were finished. In Kanßra, progress was made in metalling the road from Gersappa to the Mysore frontier ; while a beginning was made with the reconstruction of the Belse bridge, on the road from Ankola to tho:Madras frontier, and of a bridge on the South Kánara frontier road. The small bridge across the Bhastinaka Nila, on the Honavar-Bhátkal road, was completed. In Ratnágiri, progress was made with the ChiplúnGulıjgar road. In Bijápur Rs. 2,279 were spent on the Kerur-Katgeri road, and progress made with the Hungund-Ilkal road, and with improvements to the Bijapur-Shindgi road.

Sind.-Improvements to the track from Karachi to Pirmangho were carried out, and progress made with roads along the banks of the Mithrau and Thar canals. The bridyes over the Pirwah on the Tando Mahomed Khín-Matli road, over the Arthurwah on the Larkhanns Badra road, over Kadawah on the Naodero-Ratodero road, over the Nasrat on the LarkhánaShikárpur road, and over the Chittiwah on the Jafarabad-Abad Mehlani road, were completed, and progress made with those over the Nasirwah on the Nasarpur-Tando Jam road, over the Western Nera at Dokri, over the Arthurwah on the Lárkhana-Nasirabad road, and over the Maharowah, on the road to Mathelo in the Shikarpar Canals district.

The survey of the Dangs road in Khandesh was in progress during the year, and that of 5 roads in Bijapur was undertaken with a view to their being ready as famine relief projects in case of necesssity.

The flying ferry for the ferry-boat over the Malprabhs river, in the Belgaum District. was finally completod.

Dharmshálas at Gothda in the Pándu Mewás, and at Shádi-Páli on the Hyderábád-Umarkot dirtanizution. Railway, a staçing bungalow at Kambar in the Shikárpur District, and a musafarkhana at accommodation for Jhimpir on the North-Western Railway, between Karáchi and Kotri, were completed, while a Travellera. dharmshala at Vajiria in the Sankheda Mewas was nearly finished, and alterations to the Hyderalud travellers' bungalow were almost complete.

The planting and preserving of road-side trees on Provincial roads in all the districts of the Arboricultara Northern, Central and Southern Divisions, as well as the formation of nurseries for future planting, has received careful attention at the hands of the officers of the Pablic Works Department during the year.

Miscellaneous Public Improvements.
The outlay under this head was Rs. $5,26,236$, against Rs. $5,52,941$ last year, sub-divided as nader:-

|  |  |  |  | Rs. |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Origiual Works ... | ... | ... | .. |  | 4,10,408 |
| Reprira ... | ... | ... | ... | ... | 50,9:39 |
| Fistnblishment ... | ... | ... | . | ... | 54,745 |
| Tools and plant ... | ... | $\cdots$ | ... | ... | 10.14.4 |
|  |  |  |  |  | 5,26,236 |

The work of rebuilding the breach in the Broach City wall, described in last year's report, Town baildinga. was completed, and an expenditure of Rs. 3,140 was incurred during the year, making a total of Rs. 11,076 from the commencement of the work.

A road to give access to building sites at Versáva in Thána, described in last year's report, Paving and Streets, was completed at a total cost of Rs. 7,715 , of which Rs. 8,399 were expended during the year.

The water works at Ahmedábad, described in former reports, were practically finished this Water-supply. year, with the exception of the construction of the second high-level tower, which the Municipality were anvious to defer. The inflow from the river having diminished very rapidly, it was found necessary to sink two new wells, and this was done with good results. An additional length of about ten miles of distribution pipes was also laid. The total cost of the work carried out in the year was Rs. $1,07,057$, and from the commencement of the work Rs. $4,02,883$, against a sanctioned estimate of Rs. $4,66,484$. The expenditure of the year amounted to Rs. 2,567 and altogether to Rs. 8,107. The Dhulia water works were continued as vigorously as the scarcity of labour would allow. Those in progress were the dam and waste weir of the Dedargaon Storage Reservoir ; on the former the work done cost Rs. 8,707, on the latter Rs. 3,810 were expended : 20 new trucks were constructed for the tramway, at a cost of Rs. 2,323. The total expenditure on the work amounted to Rs. 84,452, of which Rs, 31,724: represented the expenditure of the year. The revised estimate amounted to Rs. $3,46,783$ for works, and to Rs. $9,95,333$ including establishment and tools and plant charges. The Victoria Jubilee water works at Janjirs were completed during the year, with the exception of a few minor items. The total expenditure from commencement of the work amounted to Rs. 68,062, against the estimate of Rs. 78,247. The Hubli water works were commenced during the year, and an expenditure of Rs. $1,09,309$ was incurred up to the close of the year. The storage reservoir of this project will be formed by an earthen dam across the Kal-halla nala, and will have an available sturage of 94.633 million cubic feet, which will supply the town for two years.

The measures in progress for the improvement of the village water-supply in the various districts during the year were as follows:-Wells were constructed and commenced in various parts of the Kaira District, viz., 6 in the Kapadranj Taluka, 2 in the Dohad Taluka, while 1 well was completed and 4 commenced in the Wajirin State; work on a well at the Gothda dharmshála was in progress, but solid rock having been reached, it was suspended, in order that a boring might be taken. In the Khándesh District, a well at Ajnad has been in progress; a commencement was made with the reconstruction of the Babhla Tank, and with a well at Vikhran, and repairs to the village tank at Zirwa were completed. In the Dharwar District, a well at Haveri was in progress. In the Bijápur District improvements to the wells at Budingal and Kumbenchi were completed, the wells at Hirehodler, Kudargund, Hadalgeri, Karagum, Gudalkar, Sulikery, Beakatti, Dangal and Ukli were in progress; also improvements to the Sonar Bavdi at Bijapur. Materials were purchased for commencing the work of improving the main from the Nachna head works to the service reservoir at Ratnagiri.

Survevs were in progress or completed for the Dhárwar water-supply, towards which the Southern Marátha Railway, whose central offices are at Dhárwár, have promised financial assistance, and for water-supply to the towns of Broach, Malegwon and Nandurbár.

A project was obtained from Mr. Baldwin Latham for sewering a section of about one- Eewerace, including tenth of the total ares of the city of Ahmedábad. Of this it was decided to carry out about drainage one-third as an experiment, and the work was in progress. During the year, Rs. 17,755 were spent out of an estimate of Rs. $1,38,594$. Surveys for drainage schemes were in progress or completed for the towns of Belgaum, Broach, Málegaon and Chopda.

The Dutch Bandar wall at Surat was completed at a total expenditure of Ks. 16,121, of Harbonrsand which Rs. 2,283 were expended during the year.

The protective works to exclude floods from the City of Surat from the Tápti River, Miscellanoons. described in previous reports, were in progress. A total expenditure of Rs. $1,07,430$ was incurred from the commencement of the work, against the sanctioned estimate of Rs, $1,98,255$. At Bijupur the only work of the supplementary programme of clearance by convicts, which was
 ture on the whole programme of clearance had reached Rs. 2,09,873, against the estimate of Re. 2,57,878.

## Famine Relief.

Famine relief operations were undertaken during the year by officers of the Public Works Department in Belgaum, Dharwar and Bijapur. In Belgaum, camps were opened at Athni and Tigdi. At the former only 116 persons were employed at the end of March in breaking metal, and at the same period 549 persons were in huts at Tigdi. In Dharwar the deepening and improvement of the village water-supply tanks of Halkusugul and Morsb was undertaken in this connection, and latterly similar works at Gudisagar and Anijeri. In Bijápur work was started on the Kerur-Katgeri, Bijápur-Shindgi and Huvin-Hippargi-Telgi roads.

## Military Wores.

The following stations remained under the control of the Bombay Public Works Department during the year:-Ahmednggar, Sirúr, Purandhar, Khandála, Saturra in the Poona District; Málegaon, Bhaj, Baroda, Surat and Thana in the Bombay District, and Ahmedábád and Rajkot in the Deesa District. In the report of 1890-91, reference was made to the loss to Provincial Revenues by the transfer of Military Works at the larger stations in this Presidency, to a separate agency under the Military Works Department, and the loss was estimated at Rs. $1,00,000$. During the year under report, the matter received the further consideration of Government, and compensation was claimed from the Government of India, Imperial Revenues; bat that Government refused to entertain the claim in full, agreeing however, to share the loss, estimated at Rs. 70,000 , in equal proportions. As an agreement on the subject could not be come to, the matter was referred to the Secretary of State for final orders. The expenditure during the year in the stations still under the Public Works Department (including contributions and deducting Rs. 2,438 Suspense Account) amounted to Rs. 2,27,778, and the gross outlay to Rs. 2,30,216, of which Re. 69,926 were for Original Works, Rs, 96,875 for Repairs, Rs, 39,930 for Establishment, Rs. 2,276 for Tools and Plant, and Re. 21,209 for Barrack Department. An account of the works carriet out during the year under each bead is given below:-

The floors of the under-mentioned rooms in the Section Hospital at Ahmednagar were
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ildinga for
ropean Troops in ! Hille. stone-paved, on a $6^{\prime \prime}$ bed of concrete:-the library, surgery, and the east, west and south verandahs of the hospital, the two wards of the infectious diseases building, cook-room, and the verandah all round the cook-room, the privy, bath-room, and wash-room to the female hospital, the hospital store-room, and dead-house, also the ward and verandab in the Section Hospital. The outlay was Rs. 2,355 .

The roofs of the Barracks Nos. 1 and 2 at Purandhar were in a bad state of repair, and required renewal; it was accordingly proposed to replace the old double tiling by corrugated iron sheeting and single tiles. The roof of Barrack No. 1 was thus renewed; and materials for Barrack No. 2 were collected during the year. The outlay was Rs. 10,496, against the estimate of Rs. 15,525 . Special repairs to Barrack No. 2 at Khandals were completed during the year, at a total expenditure of Re. 8,611 , against the estimate of Rs. 8,735 .

A new magarine at Bhaj for storing small arms ammunition was in progréss. The whole
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pply. of the masonry work was completed, and the building was practically finished. The outlay was Rs. 7,359, against the estimate of Rs. 9,300. Stone paving to the floors of the Native Infantry Hospital at Nagar was provided, at an outlay of Rs. 1,820 . A quarter master's store-room for the Native Infantry Regiment at Sátára, which was reported to be in progress in the last report, was completed during the year, at a cost of Rs. 6,999 , against the sanctioned estimate of Rs. 7,058. As there were no pormanent latrines for the use, of the Native Infantry Regiment at Sátara, ten blocks were constructed during the year ( 8 for men and 2 for women) in accordance with the standard design of latrines for natives. The outlay amounted to Re. 3,196, against the sanctioned estimste of Rs, 3,882 .

The works of re-roofing stables Nos. 181 and 132 at Ahmednagar and re-building the pillars of the old Cavalry Lines for the Army Remount Department, montioned in the last report, were completed dunng the year, at a total expenditure of Rs. 7,778.

The works at the Páshin Tank, as well as the pipes, cisterns, \&cc., for the water-supply of Kirkee, were maintained in an efficient state, at a total cost of Rs. 2,197, and Rs. 3,096 were expended in completing the water-supply to the Native Troops at Kirkee (New Jhansi). Rs. 147 were expended in constructing a 5 -feet culvert over tho Mutha Left Bank Canal. A sum of Re. 1,245 was expended on erecting hydrants and fire plugs at Ghorpuri, Wanowri and Kirkee. Two of the three wells, proposed to be sunk for testing the proposed supply of water for the city and cantonment of Ahmednagar, were excavated to hard soil, the water was pumped out, and the wells were again allowed to re-fill, when samples of the water were sent for testing to the Chemical Analyber. The outlay amounted to Rs, 691 . Early in the year a project to supply water to the barracks and cantonment of Satíra, to be drawn from the Kas system, was sanctioned at an estimated cost of Rs. 51,970. The project was mentioned in last year's report. An allotment of Re. 36,500 was granted during the year for expenditure. The necessary cast-iron pipes and connections were ordered from England, and arrived by the middle of February 1892. After the end of the monsoon, the work of constructing the service reservoir, and laying $4^{n}$ cast iron pipes from the $K$ as main to the service reservoir, was taken in band, and nearly completed by the end of the year. The total outlay amounted to Rs. 24,214 .


The work of improving the fortified post at Ahmedabad consisted of adding loop-holed walls distrincurioss around the bases of the flanking bastions, entrance to which is afforded by two fights of steps, Portificationk. The ramps and terre'plein of the bastions were also metalled. The work was virtually completed. the total expenditure being Rs. 6,428 , out of the eatimated coet of Rs. 7,524 . There were in all 12 portions of the upper scarp of the Purandhar Fort which were considered to be in a dangerous condition. It was considered necessery to remove 7 of these altogether, and to build up the other 5 by strong masonry buttresees. The work was in hand during the year, and will be completed by the end of 1892-93. The expenditure was Rs. 1,992, against the estimate of Rs. 4,363. During the year under report certain further works in connection with the improvements to the hill fort at Sátars were carried out, viz., providing new loop-holed screen walls at selected sites on the west and south ends of the fort; gan emplacements; constructing a dry stone wall, $2^{\prime}$ high, $2^{\prime}$ thick, all around the fort, connecting the screen walls and emplacements; converting disused magrazine into a shell store, by making certain additions; well No. 9, near the Dudh Taláv, was provided with corragated iron roof covering; and, to permit of free communication between the different emplacemente, roads, $10^{\prime}$ wide, with side gutters, were made, of a total length of 3,457 feet. The expenditure on these works amounted to Rs. 4,545 , against the estimate of Rs. 4,541; and the total expenditure on the hill fort works to the end of the year was Rs. $3 \dot{\varepsilon}, 895$.

## BAILWAYS.

The following statement shows the length of the several lines of railway ander the control Length of lines. of the Government of Bombay during the year 1891-92:-


- The Plinapar Dartior will coratribucta tominda the coath

The principal events during the year were the opening of the Kolhápur State Railway; of General: the Mysore extension; and of the Patan Branch of His Highness the Gaekwar's Mehsans Rail,
= 741-62
way; the transfer of the Guntakul-Dharmavaram Railway to the Southern Maratha Railway Company for working; the construction of the Hyderabad-Umarkot Hailway; the very large traffic carried by most of the railways during the year was also a noticeable feature; and the year was further marked by the commencement of the Jetelsar-Rajkot Branch; the ranning of an experimental train lighted with oil gas on the B. B. \& C. I. Railway ; and the very dentructive floods at the end of July and the beginning of August, which did very considerable damage to over 200 miles of the B. B. \& C. I. Railway, to the Gaekwir's Dabhoi and Mehsana Railways, and to the Bharnagar-Gondal-Junagad-Porbandar Railway.

## Works in progress.

G. I. P. Railway syatem.
B. B. \& C. I. Railway system.

Radputana-Malwa Railway system.

Godihre-Ratlam Hailway.

Southern Marath Railway ayatom.

Hir Highness the
Gakwar: Railway
B.-G.-J.-P. Railway.

The chief works in progress on the G. I. P. Railway system during the year were the provision of a new station at Byculla, and the quadrupling of the of a mile of line at the same place ; the new goods-yard was completed at Bhusaval; Saxby and Farmer's interlocking apparatus was introduced at Bhusaval Station; the remodelling of Poona and Nagpur Junction Stations, and the strengthening of a portion of the Sonth-East Line by the addition of an 8th sleeper to every 24 ft . rail were carried out. The work of providing running shed accommodation for goods engines at Byculla was in progress during the year, as were also certain additions and alterations to the Thana Station premises. The erection of a Protestant Church at Igatpuri was commenced. The local goods-yard at Ponna was brought into use on lst January 1892, and the junction arrangements consequent on the entry of the Southern Maritha Railway were nearing completion at the end of the year. The work of raising the rond level over those bridges which infringe standard dimensions was taken in hand between Manmad and Tápti and Tapti and Jabalpur.

On this railway the improved water-supply arrangements at Ahmedabad and Sabarmati Stations were completed. The oil mills, established by the Company at Sábarmati, were finished and brought into use. The raising of the rail level of Warren girder bridges that infringe standard dimensions was in progress. The additions and alterations sanctioned for the workshops at Parel were nearly completed; certain ndditions were also made to the general stores shed at the same place. During the year the line suffered heavily in many places from the excessive rainfall in July and August 1891. The temporary repairs were all completed before the end of the year. The works at Viramgam Junction consequent on the construction of the Mehsina-Virámgam Section of His Highnesse the Gaekwar's Mehsana Railway were completed. A new crossing station was commenced between Baroda and Itola.

The principal works in progress during 1891-92 were the re-arrangement of the Delhi Station yard, consequent on the entrance of the Delhi-Umbílla-Kalka Railway into Delhi ;'the provision of a new goods-yard at the Lahore Gate, Delhi; tho fencing of about 86 miles of line ; and arrangements for obtaining a supply of water for Ajmere Station and city from BudhaPashkar Lake, distant about 7 miles. During the year, 22 miles of the main line were renewed with 50 lbs . rails, and 36.67 miles with partly worn 40 lbs . and $41 \frac{1}{2} \mathrm{lbs}$. steel rails freed from other parts of the line; also $101 \frac{1}{2}$ miles of lines were re-laid with new sleepers. The demarcation of the land beloriging to the railway was completed over the whole system during the year under report.

This line was under construction. It was expected that the first 24 miles, Godhra to Limlcheda, which was being constructed by contract by Messrs. Kirby \& Co., would be finished by the end of June 1892. It was at the end of the year, however, doubtful when the section would be completed. Fair progress was made on the rest of the line, which was being constructed departmentally by the B.B. \& C. I. Railway Company, but work was for some time greatly delayed owing to the prevalence of continued sickness and by great difficulty in collecting labour. A resurvey of the portion betweon the 24th and 60th miles was made with satisfactory resulta; the length from Rutlam to the Anas river, $55 \$$ miles, was also ro-surveyed during the year. The latest estimates for the whole line put down the probable cost at Rs. $1,61,54,769$, or Re. $1,40,476$ per mile for 115 miles.

The Kolhápur line from Miraj to Kolhápur, 283 milee, constructed by the Kolhápur State and worked by the Southern Maratha Railway Company, was oponed for traffic on the 21 st April 1891. The extension of the Mysore Railway from Mysore to Nanjangud, $15 \frac{1}{4}$ miles, was opened on lst December 1891. The Company's contral workshops at Hubli were practically completed during the year. The works at Poons Junction were practically completed and arrangements made to run the Southern Marátha Railway goods trains through to the junction station from lat January 1892. To prevent accidonts from, slips on the Alandi Ghit, it was found necessary to erect a covered way over the eutting at mile $265 \frac{1}{2}$, Poona Branch, and the work was in progress during the year. During 1891- $\theta 2$ the following new stations were opened: -on the Main Line, Daroji, between Kudatani and Torangalu, and Devarayi, between Londa and Nagargalli; and on the Poons Branch, Nira, between Lonand and Walhe.

The' open mileage of His Highness the Gaekwar's Rnilways was, during the year, increased by 24 miles, by the completion of the line from Mchsana to Patan, which was opened for public traffic on 20th July 1891.

The principal work in progress was the renewal of aleepers of which one lakh (deodír) were put in on the main line during the year. Last ycar's monsoon damages on this railway were heary, and the Khareda ( 14 spans of 40 feet girders) and other bridges, which were more or less seriously damaged, had to be rebuilt. An extension of this line, 46 miles, from Jetalsar to Rajkot, was taken in hand during the year and work commenced early in 1892. The cost of the line will be met by the States of Jundigad, Jetpur, Gondal and Rajkot. This extension was estimated to cost 16 lakhs.

A cut off at Rafalia was finished and opened in May 1891. The renewal of rails was conDIBTEABDTION. tinued; 39 miles were re-laid during the year with 29 lbs , rails. A acheme was prepared and Morvi Railway. argreed to by the States and Railway administrations concerned to admit the Morvi line into the B. B. \& C. I. Railway yard at Wadhwan.

Work on this line was begun in the carly part of 1891-92, and by the end of the year 35 Hyderdbdd-Omarmiles of permanent way had been laid, and all earthwork, baildings and bridges were practically kot Railway. completed with the exception of the Fuleli Canal Bridge--4 spans of 60 feet at mile 5, and the Mithráu Canal Bridge-4' spans of 20 feet at mile 57 . Unerpected delay due to various causes arose in the completion and opening of this line. The line was inspected prior to opening on the 11th July 1892, but owing to heavy floods it could not be opened before "August, and it was not till towards the end of the latter month that a regular train service cofuld be maintained. The line is worked by the North-Western Railway.

## Lines under Survey or Projected.

The project for a railway from Mombra Station on the G.I. P. Railway along the Southern Projected Railwayn Konkan cuast to Nágothna, referred to in last year's report, fell through.

An application was made to Government in regard to a proposed steam tramway on the $\mathcal{R}^{\prime} \mathbf{B}^{\prime \prime}$ gruge in the Kolaba Collectorate from Kolhad viá Alibag to Mandveh. The matter was under consideration,

Towards the close of the official year a survey was undertaken of a proposed railway from Nasirabád to Kekri, 85 miles.

The B. B. \& C. I. Railway Company during the year under report put forward certain proposals regarding a scheme for extending railways through Central India and Rajputana, and reaching into the Punjab, the proposed lines being on the standard gauge and in continuation of the Godhra-Rutlam Railway. A preliminary reconnaissance of the proposed route was ordered to be made.

The Baroda State had survery made of branch lines on the $\mathcal{Z}^{\prime} 6^{\prime \prime}$ gauge from Vishwamitri to Pddra and on to Jambukar, 22 miles, and from Barods to Khákaris. The Barods Darbar also put forward proposala for a branch of the Dsbhoi line from Báhádarpur to the State quarries near Songir, also for a branch of the Mehsana-Patan line from Patan to Harij.

During the year this Government had again under oonsideration the Broach-Jambusar and Nadiád-Kapadvanj Railways projects, of which the necessary surveys were carried out.

The Ahmedábád-Parantij Railway was being promoted by an English syndicate. The negotiations so far had been satisfactory, and there was a probability of the line being made at an early date.

The nergotiations with the promoters of the Ahmedabad-Dholera Railway project did not advance much.

The various projects known as the Surat-Bárdoli, Surat-Songhad, Surat-Nandurbar Railways were all merged during the year into a bigger scheme (The Tapti Valley Railway) for making a line on the standard gauge from Surat up the wolley of the Tapti River, joining the G. I. P. Railway at or near Jalguon Station, with a connection between Amalner and Manmad. Surveys of portions of the projected line ware commenced before the end of the year.

During the year, Government received information that His Highness the Ráo of Cutch was contemplating the construction of a metre-gauge line from Mandvi to Bhúj, about 40 miles.

The survey of the proposed extension of the Mysore Railway to Gudalur was commenced before the end of the year.

The survey of the proposed branch line from Kurnool Road Station to Knrnool Town, 32 miles, was commenced by the Southern Maritha Railray Company in February 1892.

## Miscellaneous.

The following statement gives particulars of the consumption and cost of fuel during the year Consumption and 1891:cost of fuel.


During the year 1891, 165 persons, inclading 32 passengers, 57 railway servante and 76

Dhond end Manmid Railway.
Berár Bailway. trespassers and others, were killed and 422 injured on the varions lines open for traflic, as ormpared with 114 persons killed and 305 injured in the previous year. The total number of accidents to trains, including collisions with cattle, was 1,211, as compared with 1,158 in 1896 ; in these accidente 34 persons were killed and 143 injured against 4 killed and 88 injured in 1890. The most disastrous accident of the year was that which occurred to a passenger train on the G. I. P. Railway near Kúpri Station on the 5th November 1891, in which 18 persons lost their lives and many were injured.

Capital.
The capital of the Company was increased daring the year by the issue, in December 1891, of 31 per cent. debentures amounting to $\mathbf{2 3 3 1 , 3 0 0}$. With this addition the capital stood as under at the end of the year 1891 :-

| Capital bearing interest- |  |  |  |  | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 6 per cent. ohare capital | ..' | ... |  |  | $\therefore 20,000,000$ |
| 4 ¢ debonture stock | ... | -." |  |  | ... 2,701,450 |
| $3{ }^{1}$ " debenturce... | ..* | ... | . |  | .... 845,200 |
| 37 n Do ... | -.. | -.. |  |  | ... 1,866,100 |
|  |  |  |  | Total | ... 25,412,750 |
|  |  |  |  | $\pm$ |  |
| Add-Capital not bearing interest <br> Less-Discount on- | ** | ** | - | 297,574 |  |
|  |  |  | 6 |  |  |
| Debenture ntock | -.. | ... | 226,891 |  |  |
| Debeutures ... ... | *.. | ... | 7,500 | 233,301 | 64,183 |
|  | Tota | po | aid into Tr | asury | ... 25,476,933 |

The guaranteed intercst paid on capital for the year was Re. 1,29,32,065 in England and Rs. 22,710 in India, making a total of Re. $1,29,54,775$, equivalent to an average rate of $4 \cdot 67$ per cent. on the total capital bearing interest, $R s, 27,72,30,000$.

The total capital expenditure during 1891 on this line amounted to Re. 50,591, bringing the total outlay from the commencement of operations to the end of 1801 to Ra. $1,10,44,039$.

On the Khamgaon Railway the capital transuctions of the year represented a refund of expenditure on account of sale of stores to the G. I. P. Rnilway amounting to Rs. 112. There was an expenditure of Re, 4,239 during the ycar on the Amrioti Railway. The total capital cost of these lines from commencement of operations to end of 1891 stood as follows :-

|  |  |  |  |  | R. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Khámgaon Stato Reilway | ** | -.. | - 0 | $\cdot$ | 4,00,408 |
| Amraoti | $\cdots$ | $\cdots$ | ... | ... | 4,49,385 |

The working of this line was taken over by the G. I. P. Railway Company on lat January 1891. The capital transactions of the year recorded a net refund of Re. $8,97,240$, the total capital outloy on the line from the commencement of operations to the end of 1891 amounting to Re. 49,81,196.

During the year, $£ 538,000$ wero advancod by the Seoretary of State for repayment of a portion of the debentures of $£ 788,500$ at $3 \frac{1}{2}$ per cent. The balance $£ 252,600$ was renewed for 7 years at the reduced rate of 34 per cent. In December 1891, a new debenture loan of $£ 536,000$ equal to the amount of debentures repaid, and bearing interest at 34 per cont., was raised and paid into the London treasury. The total capital of the Company was unaffected by the abovenoted changes, and at the close of 1891 was as follows:-

Capital authorizod-

| Share capital <br> Debenture bonds | $\cdots$ | \#., | \#* | $\begin{gathered} \underset{\sim}{6,2 r 0,000} \\ \mathbf{3 , 6 6 2 , 5 0 0} \end{gathered}$ | : 2 | Re. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Capital sabscribed- |  |  |  |  | 0,913,500 | $-10,81,47,279$ |
| - Share capital |  |  | ".' | 6,250,000 |  |  |
| Debenture bonds | onverted | stook | , | 1,300,300 |  |  |
| Do. at | 34 per |  | . | 1,238,600 |  |  |
| Capital not bearing | intares | ... | ... | 18,419 |  |  |
| Capital Expenditare- . |  |  |  |  | 8,807,219 | 9,00,78,748 |
| On Construction account " Storea in suspense |  | $\cdots$ | ... | ** | $\begin{array}{r} 8,491,518 \\ 240,646 \\ -7,366 \end{array}$ |  |
|  |  | $\begin{aligned} & +\infty \\ & \ldots+0 \end{aligned}$ | $\cdots$ |  |  | $=0,26,84,749$ $=31,60,303$ |
| " Advances in a | apenso |  |  | "... |  | $=31,60,303$ |
|  |  |  |  |  | 8,773,847 | 9,57,14,688 |
| Balance available of- |  |  |  |  |  |  |
| Capital authorized | $\ldots$ | * 0 | ... | ... | 1,130,653 |  |
| Capital nubacribed | ... | ... | $\cdots$ | ... | 33,372 | $\begin{array}{r} =1,24,32,074 \\ \\ -3,64,050 \end{array}$ |

The total capital bearing interest to the end of 1891 was Re, $9,58,77,818$ and the guaranteed interest paid to the Company during the year was Re. 44,14,561, including Re. 2,974 paid in

The total capital outlay ap to the end of 1891 on all the lines comprised within the system was Re. $19,35,06,855$, including Rs. $17,86,415$ indirect outlay. The capital outlay of 1891 alone was Rs. 15,71,435.

The total capital outlay on final heads on the combined lines to the 31st December 1801 amounted to Rs. 10,65,44,578, viz., on the Southern Maratha Railway (including the Bellary-Kistna Section), Rs. $9,19,13,622$, and on the Mysore State Railway, Rs. 1,46,30,956. This latter sum included Rs. $5,23,757$ on account of expenditure on the Mysore-Nanjangud extension, which, however, it was subsequently decided to charge to the revenues of the Mysore State. The amount of guaranted interest paid to the shareholders during the year 1891 amounted to Rs. 29,17,781 on account of the Ṣouthern Maratha Railway and Rs. 6,54,850 on account of the Mysore State Railway.

On His Highness the Giekwars lines the capital expenditure of the year was as under:- GaekwrisRailwaya.

|  |  |  |  |  |  | Rs. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gáckwar's | Dabloci Pmilway | ... | ... | ... | ... | 40,280 |
| " | Petlád Railway | $\cdots$ | $\cdots$ | ... | ... | 53,198 |
| " | Mohsána Railmay | ค. | ... | ... | ... | 3,59,710 |

The total capital expenditure, including suspense, from the commencement of operations to the end of 1891 stood as follows :-

$$
\begin{aligned}
& \text { Gátkwar's Dabhoi Railmay ... ... ... ... 17,04,157 }
\end{aligned}
$$

The total expenditure on this railway ap to the end of 189 (was Re. 1,71,24,771, including B.G.J.J.P. Railway. suspense, Rs. $4,13,266$. The expenditure of the year, including suspense account, amounted to Rs. 2,82,720.

The capital expenditure of the year under report was Re, 29,561, bringing up the total from Morvi Railway: the commencement of operations to Ro. $20,26,550$.

## Revenue Transactions-Traffic and Working.

The gross earnings of the year 1891 were a little over 71 lakhs more than in 1890. The G. I. P. Railway. percentage of working expenses to gross carnings was $48 \cdot 25$ in 1891 against 49.80 in the previous year, an improvement of 1.55 . The divisible surplus profits for the first half of the year were Re. $1,03,52,684$, as compared with Re. $61,92,976$ in the corresponding period of 1890 , an improvement of Rs. 41,59,708. There were no surplus profits in the second half of 1891, the net carnings, amounting to Rs. $62,64,670$, having fallen short of the guaranteed interest charges by Rs. 2,12,717. The net result showed a gain to the State for the year of Rs. 49,67,044 apainst Rs. 28,62,878 in 1890, an improvement of Rs. $21,04,166$. Below are given some details of the earnings and working expenses :-

Growe carning
Working expensea (including rent of iërece linea)
Net earkioga $\ldots$
Net earniogs ... ... ..
Parcentage of expenser on earninkul ...
Procentago of net earninga to total capital bearing interest.

| 1801. | 1890. | Diference. |
| :---: | :---: | :---: |
| Re. | Re. | Bs. |
| 4,52,55,333 | 3,81,45,242 | +71,10,091 |
| 2,18,34,585 | 1,89,94,983 | +28,39,602 |
| 2,34,20,748 | 1,91,50,259 | +42,70,489 |
| 2, 48.25 | 1.91,59.80 | $-1.55$ |
| $8 \cdot 45$ | 7.00 | +1/45 |

Compared with 1890, the traffic of 1891 showed an improvement of Rs. 71,10,091, of which Rs. $67,98,879$ were from goods and Rs. $3,11,831$ from coaching traffic. Nearly half the increase under goods traffe, or Rs. $31,18,537$, was realized from the carriage of wheat, which was largely exported to Europe doring the first half of the year. Next to wheat the receipts from linseed gave the largest return, the increase from this staple being Rs. $15,83,995$. The favourable crops in the Berars and the Central Provinces, coupled with a brisk demand for export to Southern Europe, tended to produce a traffic that was only once before equalled on this railway, uiz., in 1885. Receipts from most other commodities also showed a satisfactory increase.

The net earnings of this State line for the year under review amounted to Rs. $\mathbf{3 , 0 8 , 5 8 3}$, Dhond and Manmad apainst Rs. $2,63,134$ in 1890 . The increase of Rs. 45,449 is equal to $17 \cdot 27$ per cent. The percentage of net earninge on total capital outlay was 2.79 against $2 \cdot 39$ in the preceding year.

The results of the year's transactions are compared with those of 1890 in the following Berar Railwast. statement :-

| . | Year. |  |  | Ers'rasar Rement. |  |  | axasotit Ramitat. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Earningan | Worklig: <br> Expensio. | Not. | Grome Earaing | Working <br> Experecel. | Net |
| $\begin{aligned} & 1 \times 91 \ldots . . \\ & 1890 . . \end{aligned}$ |  |  | $\begin{aligned} & \ldots \\ & \ldots \end{aligned}$ | R. | He. | Bt. | Rs. | Rs. | Ra. |
|  |  |  |  | ${ }^{66,675}$ | 34,055 | 32,620 | 1,19,009 | 59.617 | 53,392 |
|  |  |  |  |  |  |  | 1,01,502 | 55,248 | 46,254 |
|  |  | Net incresue ... |  | 11,387 | 4,859 | 6,528 | 11,407 | 4,269 | 7,188 |

[^15]The net earninga for the year 1891 were equal to 6.65 and 1188 por cent. on the total capital cost of the Khamgaon and the Amraoti lince respectively, againgt 5.32 and 10.39 per cent. in 1890.

The gross earnings for the year were Rs. 2,58,971 against Rs. 3,26,736, a falling off of

Waruha Cosi Railway.
B. B. \& C. I. Railway. Raifway.

Sonthern Maratha Railway.

The gross earnings of the Dabhoi line totalled Re, 2,01,165 against Rs. 1,95,028 in 1890 but there was an increase of Rs. 12,551 in working expenses, due principally to heavy repairs on account of damages caused by the rains. The net earnings were Rs. 08,126 , giving a return of 3.79 per cent. on the capital expenditare against 4.25 per cent. in the previous year.

The Petlad Railway earned Rs. 59,113 agminst Rs. 32,649 in 1890. The net earnings were Rs. 36,346 , giving a percentage of $5 \cdot 18$ on the capital expended as compared with 3.22 in 1890. The increase was due principally to the larger mean mileage worked during 1891.

The mileage of the Mehsanna lines increased from 28 miles in 1890 to 93 miles in 189]; and the increases in earnings were principally due to this fact. The gross earnings rose from

Rs. 59,241 to Rs. $1,94,247$, and the net earnings from Rg. 23,808 to Rs. $1,05,801$. The DIstrand percentage of net carnings to capital expenditure was 9.64 against 0.91 in 1890 .

The gross earnings for the year amounted to Rs. $14,77,263$ and the working expenses to B.G.J.-P. Bailmay. Rs. $10,01,477$, leaving net earnings Re. $4,75,786$, this sum being Rs. $1,44,480$ less than the net earnings of 1890. Under coaching traffic there was a decrease of Rs. 13,593 and under goods traffic of Rs. 79,326. The net carnings gave a percentage of $\mathbf{2} \cdot \mathbf{7 8}$ on the capital cost of the lines.

The gross earnings for 1891 amounted to Re. $8,09,418$ against Rs. $2,95,227$ in 1890, and Morrt Railman. there was a decrease of Rs. 6,876 in the working expenses. The net earnings were Rs. 1,08,617 against Ra. 87,550 and represented a return of 5.35 per cent. on the capital cost against 4.32 per cent. in the previous year.

## Telegraphs.

The following tables show the length of telegraph lines and wires and the number of Telegraphs, Bombay offices existent in the Presidency in 1891-92:-

Lines.


The seven Government offices opened during the year were at Adesir, Anjar, Bhúj, CutchMándvi, Dhond, Karáchi Depôt and Rádhanpur. The railway offices at ${ }^{\text {© Khakhi-Jália, }}$ Salhpar, Supedi and Wans-Jalia on the Bhávnagar-Gondal-Junagad-Porbandar hailway were closed.

The revised regulations adopted by the International Conference of Paris in 1890 were Porsian Gulf brought into force on the lst July 1891. The traffic transmitted during the year 1891-92 exceeded that of $1890-91$ by 4,014 messages. The revenue also increased by Rs, $1,91,355-15-1$ the sources from which it was derived being as follows:-


The figures for the past six years are given below for purposes of comparison :-

| Toar. |  |  | Nexomit or |  | Net rocolpta | Remarks. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mangoe | Worda. |  |  |
|  |  |  |  |  | Rs. |  |
| 1886-87 |  | $\cdots$ | 99,733 | 1,364,192 | 9,90,361 | Transit and Press rates reduced. |
| 1585-88 | ... | ... | 82,540 | 1,266,849 | 8,87,907 | Teherán lives interrupted in Febraary and March 1888. |
| 1688-89 | $\cdots$ | $\ldots$ | 114,091 | 1,642,079 | 11,87,699 | Suez route interrupted in August and Sepr |
| 1689-40 | ... | $\ldots$ | 106,702 | 1,558,695 | 11,24,014 | tember 1889. |
| 1880.91 | $\cdots$ | - | 121,629 | 1,662,433 | 11,13,671 |  |
| 1841-62 | ... |  | 125,643 | 1,798,261 | 13,05,087 |  |

The i25,643 messages transmitted were classified as follows :-

| Clis. | Denominalon. | Mumber of |  |
| :---: | :---: | :---: | :---: |
|  |  | Momengen, | Worde * |
| $\begin{aligned} & . \mathbf{P}_{\mathbf{B}}^{\mathbf{B}} \\ & \mathbf{Z} \\ & \mathbf{Z} . \end{aligned}$ | Private or Commercial i.. .. | 120,501 | 1,864,7101 |
|  | Stato .. ... ... ..., ... | 8,318 | 105,353 |
|  | Press nown ... | 1,393 | 46,036 |
|  | " "Special Times" ... ... | 411 | 82,162 |
|  | Total | 125,643 | 1,709,261 $k$ |

The percentage of traffic over the Teheran and Turkish routes was 92 and 8 respectively, against 94 and 6 , which were the corresponding percentages for the previous year,

The amount credited to the Government of India, as per monthly balances of traffic interchanged with India, and the gross collections made at the atations of this section were Re. 16,09,812-10-4, of which Rs. 15,79,690-9-9 came from International and Rs. 29,922-0-7 from local traffic. The gross value of traffic audited in the office amounted to Rs. $54,12,967$, viz.:-


The average rate of transmission between Karachi and Teheran greatly improved. For westward messages, viz., from Karachi to Teheran, it was 8 minutes 42 seconds and for castward messages, Tcherán to Káráchi, 6 minutes 25 seconds against 18 minutes 26 seconds and 10 minutes 26 seconds for 1890-91. The mean speed of transmission between the United Kingdorm and Karáchi was via Teherán 59 minutes and vid Turkey 16 hours 12 minutes. Last year, it was the same for the Teheran route and for Turkey 10 hours 25 minutes, showing that the' Turkish route materially decreased ite specd.

## Post Offlce.

Imperial Post, Bombay Circlo.

General.

Potal facilition.
The following were the ohief changes in the administration of the Post Office introduced during the year:-
(I) The postage on letters, post-cards and packeta from India, inoluding Aden and Zanzibar, to all Union Countries (except those to which inland rates apply) was reduced. (II) Inland rates of postage were made applicable to all classes of articles exchanged between Aden and British India. (III) The postage on parcels from India to British Columbis, Cyprus, Newfoundland and British Bechuanaland was reduced. The maximum limit of weight of a parcel to Uraguay was raised from 7 lbs to 111 lbs , and the rate of postage was revised. (IV) Postal communication was opened up between British Central Africa and Zanzibar. (V) The German Post Offices at Lamu and Zanzibar in Africa were closed. (VI) The British Australian Colonies of British New Guinea, the Fiji Islands, New South Wales, New Zealand, Queensland, South Australia, Tammania, Victoria, and Western Australia were admitted to the Universal Postal Union.

The following table shows the increase during the year in the number of post offices, letter-boxes, postmen and village postmen:-

| Year. | Nomber of Poat Oncom. | Namber of Letter boxces. | Number of Portinnot. | Number hf Villago Pontmen. |
| :---: | :---: | :---: | :---: | :---: |
| 1890-91 | 1,344 | 2,116 | 1,174 | 047 |
| 1801-82 ... | 1,376 | 2,264 | 1,279 | 677 |
| Increase ... | 32 | 188 | 105 | 30 |

Five combined post and telegraph offices were newly established during the year and the total number of such combined offices at ite close was 78. With two exceptions all the combined offices worked at a profit to Government.

The following table shows the mileage of the postal lines at the chlose of the year as compared with the mileage in the previous year: -

Postal lines.

|  | Fear. | Tongm Horwo and Camal Hileagh. | Bunnerí Nilenge. | Steamor Mileage. | Total Mileago. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1890-91 \\ & 1891-92 \end{aligned}$ |  | 5538 | 8,768 | 3,233 | 12,5554 |
|  | ... | $650\}$ | 8,76is | 8,233 | 12,548\% |
|  | Increnso <br> Decreate | 31 | 31 | -*** | **** 6! |

The total number of articles of all classes issued for delivery during the year was $66,047,176$, Correspondence. or $5,533,474$ in excess of the number issued in the previous year-an increase of 91 per cent. The figures are approximate only.

The value of the service postage stamps used by Native States during the year aggregated - Rs. 61,584, as compared with Rs. $\overline{0}, 267$ in the previous year.

Pronarent of postage on parcels for Bur Native States. notified that the parcels must be accompanied by declarations of contents and value in the form prescribed for foreign parcels. Parcels for Bangkok in Siam were received and sent on under the same rates and conditions as apply to parcels for the Straits. As regards insured parcels, generally, compensation for any actual damage in transit was paid up to the insured value, the former method of proportionate payment having been abandoned. The results of the working of the parcel post during the year, in comparison with the results of the preceding year, are summarized below. The decrease in revenue, notwithstanding the increase in the number of parcels carried, was due chiefly to a fall in the average weight of the book parcels from the United Kingdom received through the agency of the P. and O. Company. Taking advantage of the recent reduction in postage rates, the public posted a large number of books in smaller packets for transmission by the letter mail :-

| Exchangom. | Nimber of percels axchanged duriog 1800-91. | Number of pareels exchanked during 1801-92. | Rovenuo dorivod in $1500-91$. | Borenue derived in $1891-92$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Rs. | Rs. |
| With tho United Kingdom (including exchangee through the P. and O. Company). | 169,888 | 181,777 | 1,43,962 | 1,42,455 |
| With the Continont of Europe ... ... | 8,015 | 8,217 | 12,138 | - 11,256 |
|  | 1,859 | 2,707 | 3,285 | 3,953 |
| Australia ... ... ... ... | 4,850 | 5,039 | 3,703 | 4,086 |
| Total | 184,332 | 197,740 | 1,03,088 | 1,61,700 |
| IncreaseIn  <br> Decrease $\ldots .$. | ....... | 13,408 | $\ldots$ | 1,388 |

The transactions of the year under the head of insurance as compared with those of the Inland insured previous year were as follows:-

|  | Year. | $\begin{gathered} \text { Numbor of } \\ \text { articloen Insurev. } \end{gathered}$ | Vilue inmured. | $\begin{gathered} \text { Fees } \\ \text { realised. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & 1890.91 \\ & 1891-92 \end{aligned}$ |  |  | Rs. | Rs. |
|  |  | 62,535 | 2,84,35, 505 | 74,714 |
|  | ... | 58.119 | 2,49,65,862 | 64,078 |
|  | Decrease | 4,416 | 34,69,943 | 10,636 |

The decrease was due to a falling off in the number and value of the parcels insured during the year, owing to Rs. 1,000 having been fixed in the previous year as the limit of value for which articles can be insured. The amount paid in compensation for the loss of insured articles was Rs. 2,545, representing the aggregate insured value of three insured parcels and an insured registered letter. Two of the parcels, which were posted at Belgaum, were stolen in the Ajmere Post Otfice. The third, which was posted at Bombay, was lost in transit between Khánpur and Ahmadpur Lamba in the Punjab. The insured letter which was posted at Talegaon Dhamdhera: was lost in transit by rail between that place and Ahmedábad.

The value payable system continued to grow in popularity, and, as in previous years, was value payable largely used by traders in sending railivay receipts for goods or parcels. The figures for 1891-92 system. and the previous year were as follows :-


B 741-44

Ioland.

Foreign.

Poreign Money Order exchanges.

The number of periodicals in existence at the close of the year was 286 against 248 in the preceding year, and in the case of 184 the publishers had adopted the privilegsol system of postage.

The issue of money orders on Indin was resumed at Busrah and Bapdod, an bills of exchange on India fell to a discount of 2 per cent. during the year. At the asme time the intue of monoy orders from India on Busrah and Bardad was stopped. 1,272 pontmen and-975 villace postmen paid money orders at the doors of payecs, and, although over $9 \downarrow$ líkbs of money orders of the aggregate value of over 2 crores and 10 lákhs were paid, there were only 10 canes of misappropriation of money, and the sums embezzled amounted to only Rs. 595 . Of this amsunt Rs. 588 were recovered, Government having to bear the lose of Re. 7 only. The following talleas show the number and value of the inland and foreign money orders issued and paid in the Bombay Circle in the year under report and the previous year:-


The decrease in the case of the Foroign orders was probably dup to unfavourable exchange rates. The above inland table includes telegraphic money orders. The separate figures regarding these orders are as follows:-


Two cases occurred in which payment of money orders was obtained by false personation, but in neither of them could the delinquente be brought to justice.

The Italinn Post Office at Maseowah, in Africa, began to advise money orders in direct lists to the Aden Post Office. The transactions in foreign money orders of all India (including Aden, Zanzibar and the Persian Gulf) during the year are compared with those of the previous year in the following table :-


The results of the working of the Post Office Savings Bank during the year are shown below :-

|  |  |  |  |  | Dicomts axd Wriolumale. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Toteli | Clooed during tho your thon 1801.02. |  | $\begin{aligned} & \text { Openlog } \\ & \text { balinnce on } \\ & \text { alst Ysach } \\ & 1891 . \end{aligned}$ | Deporite during 180) | Intereat for tho 1891-92 | total. | Withdranig durng the jogr 2091.02. | Buance on $315 t$ March 1582 |
| 59,970 | 19,639 | 109,603 | 8,165 | 101,437 | $\left.\begin{gathered} \mathrm{K}, \\ 1,06,76,318 \end{gathered} \right\rvert\,$ | $\begin{gathered} \text { Re. } \\ 68,82,341 \end{gathered}$ | $\begin{gathered} \text { Res. } \\ 7,73,394 \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { Re. } \\ 2,73,32,058 \\ \hline \end{array}$ | $\left\|\begin{array}{ll} \text { Rad } \\ \therefore . & 5,76,737 \end{array}\right\|$ | Rs. <br> 2,17,55,316 |

No case of fraudulent withdrawal occurred during the year.

- In the following table are shown particulars of the transactions in Government securities Government carried on by the public through the medium of the Post Office in the year 1891-92 and the Seouritiea. previous year:-

| Yar. |  |  | Falae of Bocurtien purchased. | Value of Securtien cold. | Value of Securitics deporited in mate cuthody. | Valne of Securities dollvered out of custody. | Total ralue. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 18900.91 ... | $\begin{array}{ccc} & & \\ \cdots & \ldots & . . \\ \cdots & \text { Decrease } & \cdots \\ & \cdots\end{array}$ |  | Ra. | Re, | tis. | Rs. | Re. |
|  |  |  | 28,600 11,400 | 11,400 2,900 | 14,700 11,300 | 6,000 4,100 | 60,700 29,700 |
|  |  |  | 17,200 | 8,500 | 3,400 | 1,900 | 31,000 |

Sisteen life policies were issued during the year, including 6 issued to officials of the Telegraph PostalLifoInaorance. Department. , The total number of policy-holders at the close of the year was 165.

The postal printing done at private presses during the year cost Rs. 48.
The number of complaints received from the public was 1,079 , or 28 less than in the previo year. Of these 300 were found to be well grounded and 292 groundless. In 437 cases, enquir proved unsuccessful. Of the total number of complaints, 140 related to ordinary and insured parcels and registered letters and to value-payable articles and money orders; in 50 of these cases the Post Office was found to be at fault and in 86 blameless. There was no complaint regarding Saxings Bank accounts.

Thirty offences punishsble by law were committed by Post Office officials during the year as offences by Postal compared with 21 in the preceding year. In 10 cases criminal prosecutions were institated, nine of servanta. which ended in conviction and the tenth was still amaiting disposal. In two instances the accused officials absconded and the remaining cases were dealt with departmentally. Except in three cases all the offences were committed by officinls below the rank of a Branch Post Master.

There were 22 cases of the loss of Government money by thefts, frauds, \&c., committed by the servants of the Post Office and outsiders. The total loss to Government was Rs.110.,

Thefta, \&c., of Gor. ernment money by
Pastal officinle and Postal officiale and
There were three mail robberies during the year against two in the previous year. Two outsidera $\begin{gathered}\text { orbber }\end{gathered}$ occurred in Native States-Gondal and Saranur-in which the mail ronners were seriously of the mail wounded, and the third in British territory. In two of the three cases the robbers were apprehended and brought to justice. The Savanúr case is still under investigation. The mail robbed in British territory contained cash amounting to Rs. 25. This was recovered from the robler and handed over to the Post Office. The mails robbed in Native State territory contained nothing of value.

## District Post.

The expenditure on the District Post in the Bombay Postal Circle during 1891-92 was met as Bombay Circle usual from Provincial revenues. The grant for this purpose was Rs. 85,812, and the Budget grant allotment Rs. 87,256, but the expenditure during the year exceeded the grant by Rs. 2,278-10-10. The Budget allotment was thus exceeded by Rs. $884-10-10$. The excess was chiefly due, as in previous years, to more travelling allowance earned through increased inspection. The establishment consisted of 1 Superintendent, 14 Inspectors, 17 clerks, 478 village postmen, 19 postmen, 20 runners, 7 schoolmasters in charge of post offices, and 1 departmental branch postmaster. Companed with the previous year there was a decrease of 9 in the number of village postmen and an increase of 5 in the number of postmen, of 2 in the number of runners and of 3 in the nomber of subsidized schoolmasters, the departmental master being newly appointed during the year. The number of post offices was 8 against 4 in 1890-91 and of letter boses 402 against 408 ; while the decrease of $y$ in the number of village postmen was balanced by the increase in the number of post offices and of poctmen. The decrease in the number of letter-boxes was due to their revised redistribution.

The length of the district runner lines increased from 94 miles in the previous year to 105 milus. The increase resulted from the opening of a new line, 18 miles in length, from Poona to Dunja (Poona District) and the connecting of Harsul with Peint (Násik District) by a line 12 miles long, instead of with Girnára as formerly by a line of 14 miles. Nineteen village
postmen delivered articles daily, 151 every other day, 236 every third day, 15 every fourth day and 57 at longer intervals.

The following figures represent the number of the articles dealt with by the District Poxt doring the past two years :-


The approximate value of the articles received for delivery was Rs. 57,576 against Rs. 54,913

Sind.

Gencral Remarks:
Deccan and Gujariat
in the previous year. The increase was due to natural extension of postal correspondence.

The District Post establishment under the control of the Deputy Postmaster General in Sind and Beluchistán consisted of 17 savars, 14 runners and 1 overseer. The expenditure did not exceed the allotted grant.

## Irrigation

The.principal works on which capital expenditure was incurred during the year were-
(1) Nira Canal.
(2) Gokák storage works.

On the Nira Canal the work was principally confined to the waste weirs of the Bhat tohar dam. The storage works at Gokak were almost completed by the end of March 1891. The capital -expenditure on the Mutha Canals during the year was small. Plans and estimates, the latter amonnting to Rs. $1,60,971$, were prepared and approved for the improvement of the Poona watersupply. The scheme included the construction of five new settling tanks, the conversion of the present settling tanks into filter beds, roofing the pure water tanks, and improving the protection to the works. Almost all works comprised in the Mhasvad Tank project and the Parsal Tank were completed. On the Maini Tank the flood channel from the waste weir commenced in the previous year was finished. In Gujarat.the principal works in progress were the improvement of the Dhandhuka brauch of the Bhadar River and drainage works in Broach. The drainace works in Jambusar Táluka had already been completed. Similar channels in the Anklesvar Taluka were sanctioned during the year, and surveys for similar works in the Kaira District were in progress. The total area irrigated from all works during the year was 96,025 acres, an increase of $98 \cdot 28$ per cent. over that of the previous year and the largest acreage on record. The increase was partly due to extension of irrigation under the Nira and Mutha Canala, but principally owing to scanty raipfall. The figures of average rainfall showed a decrease of 5.18 inches. The gross assessed revenue from all sources amounted to Rs. $5,76,581$, an increase of Rs. $1,32,300$ or 29.77 per cent.

The annual rising of the Indus commenced in March, much earlier than usual, and continued till the end of May when it had almost reached 11 feet at Bukkur. From this date it Huctuated up and down throughout June and July, only attaining a good height by the beginning of August, and commencing to fall finally on the 25th of that month. The highest readings were at Bukkur 14 feet 9 inches and at Kotri 20 feet 7 inches. The inundation was low and short. There were no floods of any kind north of Hyderábad, but in the Karachi Collectorate there were spills through the Kadernashah gap, and over land hitherto never topped near the Jurarwah. There were three bad breaches in the Right Bank Bunds and two in the left, causing local floods in Jharuck and Shahbandar. Among the principal operations of the year were the completion of the Pritchard Canal, and the commencement of a new feeder for the Western Nara intended to improve the sapply in Mehar and Kakar talukas, as the Pritchard Canal had provided for Dedu, Johi and Sehwan. In the Hyderibad Canals District the Renwah improvements were completed as designed, and the first 5 miles of the mouth of Sarfraz were embanked to keep out flood water. Important surveys of the larger canals in the northern talukas of this district were undertaken with a view to ascertain the practicability of enlarging and extending them to water the large areas of waste land in the eastern tálukas. A new mouth was commenced for the Desert Canal. In the Eastern Nára District the clearance of the bed of the Nára between Jatri and Keti was commenced. The construction of two regulators on the Fuleli was begun, and a survey for the improvement and extension of the Gaja was completed, while others for improving the tails of some of the larger branches, to act as escapes, were in progress. Some very important questions for the improvement and extension of irrigation in Sind generally were submitted, during the year, for the consideration of Government, and referred for consideration to a committee.

The expenditure of the year, which amounted to Rs. $23,13,591$ against Rs. 27,40,583 last year, was distributed under different heads as ander :-

Imporial.


(a) includes Rs, 2,110 and (b) Rs. 1,949 on account of expenditure in England and loss by exchange.

## Gujarát Works,

The season was unfnvourable for the Hathmati Canal, as the amount of water available was very smull. Total minfall registered at Parantij, the centre of the Háthmati irrigation, was 22.78 inches agrainst 20.93 of the preceding year and an average of 26.90 in the preceding ten years. On the Khári River the supply was still more unfavoumble. The total area irrigated on the Háthmati Canal during the year 1891-92 was 2,716 acres and the revenue amounted to "Rs. 7,873 against 3,766 acres and a revenue of Rs. 9,800 in the previous year. The decrease was due to the impossibility, owing to want of water, of supplying the full amount of rabi irrigation. On the Khári Cut the irrigation extended to 1,474 acres in the kharif season, and was assessed at Rs. 9, 610 , against 1,3:5 acres assessed at Rs. 6,600 in 1890-91. Remissions amounting to Rs. 9,856 bad to be made in consequence of inability to supply the later waterings. The silting up of the north branch of the Bhádar River having been a cause of much anxiety, measures were undertaken to. straighten and improve its course. A sum of Rs. 7,077 was expended on some three miles of its length.

A large and important survey was in progress for two drainage channels for relieving the lowlying land to the west of A'nand. The construction of a waste weir for the Chanvaya Tank near Kaira was completed before the monsoon.

The drainger works in Jambusar Triluka of the Broach Collectorate were completed. The Surat and Broach Amanpur-Nadiád Channel made a great improvement in the taluka; 671 acres of waste land Districts, have been taken up by village people for cultivation, yielding a revenue of Rs. 2,762 on an outlay of Ris. 14,302 ; or 19.3 per cent. The drainage scheme in the Anklesvar Taluka of the same Collectorate, estimated to cost Ks . 12,S11, was in progress.

## Deccan Works.

On the Pírsul Tank the eafety dam on the south-east side of the main dam was finished, Khandesh District. and the distributary arrangements were all that remained to complete the whole project. 'The Mandal Bandharra works were completed during the year under report, and repairs were begun to the Betavad Bandhirr. The second class irrigation works, which are very important in this district, received due attention, the total outlay on extensions and improvements being Rs. 10,565 and on repairs Re. 9,842 .

There was no expenditure on capital account in connection with either the Palkhed or Wadsli Nasik District, canals, and in connection with the Ojhar-Tambat Canal ; the amount debitable to capital account during the ycar was Rs. 118 only. The total expenditure on original works amounted to Rs. 2,316.

On the Ojhar Left Bank Canal there was an expenditure of Rs. 447 from the capital account,: Ahnednagar which was incurred in completing an overbridge for Loni-Satral road and two self-acting slaice District. gates, \&e. There was an expenditure of Rs, 151 from the capital account on the Lakb Canal and of lis. 178 on the Bhatodi Tank.

During the year under review the sum of Rs. 9,739 was expended from the capital account Poona District of the Mutha Canals.

The work done on the Blatghar dam during the year was confined to the waste weirs prin- Nira Canal. cipally. At the head works at Vir the remaining portion of the weir, 427 feet in length, was finished daring the year, and the weir was completed to designed crest level throughout its length.

The main canal was maintained in working order for the full 96 miles. The sanctioned estimate for the project was Rs. $43,54,655$ and the amount spent during the year Rs. $\mathbf{7 3 , 1 7 8}$. The total expenditure up to 81 st March 1892 was Rs. $39,00,956$.

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5741-45
$$

Chap. IV. PRODUCTION DIBTRRABUTION.
Sholkpar District,

Bijapur District

Sutara District.

Belgum Distriet.

Dhárwir District.

Begari Canals.

Shikarpur Canals,

Gaír Canale.

## Weatcrin Núrat <br> Canale.

Gastern Nás:
Conala.

All the works comprised in the project of the Mhasvad Tank were completed with thrs exception of eight distributaries. The expenditure on the Ashti Tank was Ra. 2,464; no new works were undertaken on the Ekruk or Koregaon Tanks.

Rs. 1,471 were spent in sinking trial pits and surveying in connection with the Hattargi Tank project.

Repairs to a deep crack in the dam of the Nehr Tank were effected at a cost of Rs. 4,000. In connection with the Upper Mán River Works the outlay on capital account during the year was Rs. 830. The flood channel of the Maini 'Tank and Canal was completed at a total cost. of Re. 9,642. Capital expenditure on the Krishna Canal amounted to Rs. 4,732.

Expenditure on the storage works of the Gokit Canal, 1st Section, amountel to Rs. 31,576 , bringing the total to Hs. $4,97,309$.

There was no capital expenditure during the year. The four tanks, Madag, Dámbal, Medleri and Assundi, cost Rs. 2,202 to maintain ; the acreage irrigated rose from 1,314 to 1,429. The revenue receipts rose from Rs. 4,421 to Rs. 5,109 . Rs. 18,393 were expended on the improvement and repair of seventeen old tanks and the survey of four others.

## Sind Works.

Rs. 3,269 were debited to the capital account of the Desert Canal. Rs. 34,816 were spent in digging a new mouth to this canal ; and other expenditure was incurred in the same connection. Rs. 5,906 were spent in clearance of a portion of the Unharwah Canal and branches. The work of widening and clearing the first 19 miles of the Begári Canals extension was completed at a total cost of Rs. 40,203 , the expenditure of the year being Rs. 25,204.

Owing to the near approach of the river oppnsite the 33 rd and 10 th miles of the Sukkur-Begari Bund, two new loop bunds were made costing Rs. 30,066 and Rs. 25,766 respectively.

The most important work was that of filling up old barrow pits dangerously near the Ghar Buad. Rs. 1,618 were spent ngainst a sanctioned estimate of Rs. 1,928 . The other bunds and canals were maintained and repaired as usual.

Rs. 49,236 were spont on the Pritchard Canal, and Rs. 6,010 on the excaration of the old moath of the Lohriwah Canal. Rs. 1,911 were expended in completing the Upper Nurwah extensions, bringing the total expenditure on this work to Rs. 15,634 against an estimate of Rs. 16,409. A project for improving the water-supply in the Western Nara in the Mehar and Kakar talukas was in progress.

The regulator for the Jamrao Sang and sluices for the Saria and Rata Sangs were completed, the regulator costing Rs. 20,815 and the sluices Rs. 4,805 and Rs. 4,234. The embankment on the right bank of the Nara was completed at a total cost of Rs. 31,851, of which Rs. 14,375 were spent during the year. On the opposite bank the old bunds between Kakao and Kilankar were strengthened at an expenditure of Rs. 9,594. The most important work in progress in the district was the clearance of the Nára between Jatri and Keti, for which the estimates amounted to Rs. $2,54,011$; only Rs. 5,535 were spent daring the year. The bridge over the Mithrau Canal at the $28 t \mathrm{~h}$ mile was completed at a total cost of Rs. 10,740. The construction of two more bridges was commenced and Rs. 4,948 were spent upon them. The usual repairs and clearances were carried out on other canals.

Rs. 9,307 against an estimate of Rs, 10,666 were spent in constructing a band along the right bank of the Sarfrazwih. The Renwah improvements were completed at a cost of Rs 55,014 against the estimate of Rs. 60,087 . A small sum was expended in commencing the Mirwáh extension:

Daring the year Rs. 19,773 were spent in putting in the foundations, \&cc., of two new regulating bridges on this canal. Rs. 5,230 out of an estimate of Rs. 8,376 were spent on the new mouth to Kumalwah and Jamwah. Progress was made with the diversion of Imamwah Janobi, on which Rs. 5,145 was the total expenditure, and Rs. 13,148 were spent in completing the diversion of Gaja. The expenditure on the head regulator to Wadhowad was Rs. 1,269.

The Hilyah Bund was extended at a cost of Re. 7, 159 and a new loop near the month of the Uchita cost Rs. 2,338. On the left bank the encroachment of the river necessitated the construction of three loop bunds at an aggregate cost of Rs. 19,365.

## chapied v.-FINANCLAL REVIET.



## General Finance.

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In the following statement the receipts and expenditure of the Qivil, Military, General resalta. Public Works, Postal and T'elegraph Departments in the Bombay Presidency, for the year 1891-92, are compared with those for the preceding year 1890-91. The figures for the latter year include journal entries made after the submission of the last year's review, and do not, therefore, exactly agree with those shown in that review. Similarly, the figures for 1891-92 are subject to alterations before the final closing of the accounts for the year :-

| Houds. | Racaims. |  |  | Exmaditess. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2890-01. | 1801.02 | $\begin{aligned} & \text { Difrerence } \\ & + \text { or }=\text {. } \end{aligned}$ | 1890-91. | 1801-92. | Difference <br> +or - |
|  | Ra. . | Ha. | Ra. | 8. | Ra. | R. |
| (Toparial ... | 8,04, 91,401 | 8,01,40,684 | -3,4,887 | .82,60,974 | 10,40,818 | $-1,28,461$ |
| Cifil Deperturat ... Provinclal ... | 3,76,22,003 | 3,90,78,056 | +24,50,003 | 8, <x, 28,881 | 5,01,01,577 | +8,08,043 |
| Local... ... ... | 6,17,405 | 80,08,000 | +3,78,715 | 39,46,205 | 45,00,037 | +3,36,889 |
| Irrigatoa, laperial ..- ... ... ... ... | - 0,10,281 | 6,46,118 | +2b,187 | 24,38,964 | 22,60,171 | -1,75,709 |
| MUitary Work, Imporial ... ..- ... | 20,007 | 2,18s | -4,040 | 2,08,481 | 2,19,862 | +4,971 |
| Crill Work, Imporiel - ... -- | ...... | ..... | ...". | 2,12,680 | 2,96,920 | +63,291 |
| Do. Prorinclal | 8,29,881 | 7,85,148 | -67,785 | 4,78,000 | 39,97,64 | -2,78,907 |
|  | $\ldots$ | $\ldots$ | ..... | 0,06,281 | 19,00,450 | +2,34,199 |
| sente hailmay Surrey, Imparial '... ... | ...." | $\cdots$ | $\cdots$ | 2,083 | 5,816 | +8,193 |
| Da. Proulncial ... | $\cdots$ | - | $\cdots$ | 8,173 | -018 | -2,001 |
| State Rallway Conatraction, Provinelin ... | $\cdots$ | $\ldots$ | ..... | -mm | 11,72,211 | +11,72,211 |
| Butse ontlay, Guarnmaf Land | ...- | ...... | -... | 1,00,838 | 2018 | -1,08,900 |
| cood Rallmay. Control ... | -m- | .n... | --- | 3,11,851 | 2,10,083 | -1,76e |
| (taperers) | 18,29,893 | 20,61,741 | +2,62,848 | 16,17,004 | 18,88,863 | +2,71,540 |
| Proviacial -. | 3,107 | 4,15\% | +1050 | 3,581 | 3,850 | +200 |
| Mailtary Dopartaent ... ... ... | 13,19,11s | 0,00,900 | -3,40,800 | 2,77,17,865 | 2,71,00,961 | -6,57,008 |
| Posten Dopartment ... ... ... | 25,10,368 | 28,53,159 | +1,58,781 | 18,20,558 | 18,93,016 | +1,878 |
| Total | 13,04,70,201 | 13,20,00,405 | +24,98,14 | 8,72,18,885 | 8,87,80,003 | +15,61,207 |

The total receipts in the year 1891-92 amounted to Rs 13,29,63,405, and the expenditure to Rs $8,87,80,062$, disclosing a surplus of Rs. $4,41,83,343$, which was greater by Rs. $9,31,937$ than the surplus of the previous year. On the receipt side the statement shows an increase of Rs. $\mathbf{9 4}, 93,144$ over last year's figures, the improvement being most marked under Civil Department, Provincial and Local, and in the Postal and Telegraph Departments; the most important items, which showed a falling off, being under Civil Department, Imperial, Civil Works, Provincial, and in the Military Department. On the expenditure side the statement discloses a net increase of Rs. 15,61,207 over the last year's actuals. The increase was most marked in the Civil Department, Provincial and Local, in the Pablic Works Department, Imperial and Local, and in the 'Ielegraph Department, Imperial. The expenditure on State Railway construction appeared for the first time against Provincial, which provided the funds for the construction of the Hyderabad-Umarkot Railway. The following heads of expenditure showed a marked decrease as compared with last year :Civil Department, Imperial, Public Works Department, Irrigation, Imperial, Civil Works, Provincial, State Outlay on Guaranteed Railway, Lands, and Military Department The differences both in revenue and expenditure of the Civil Department, Imperial and Provincial, are explained below.

Chap. $V$. TINANCLAT

Imperial Civil Trabsactions.

Causes of incresse and decrease :
Recoipts.
180.

The annexed table shows, in detail of major heads, Imperial revenue and expenditnre Revenue shows a net decrease of Rs. $3,44,827$, and expenditure a net decrease of Rs. $1,28,461$, as compared with the receipts and expenditure of 1890-91:-


The net decrease of revenue occurred in spite of an increase from Opium, Salt, Excise and Tributes, and was due to a falling off, chiefly in Land Revenue, Customa, and Mint. The net decrease of expenditure was mainly due to savings under " 1. "Refunds," "2. Assignments," "17. Mint," "23. Ecclesiastical," and "30. Stationery", There was increased expenditure under "5. Salt," "9. Customs," "11. Forest," "14. Interest" and " 26. Scientific and other Minor Departments," A brief explanation of these variations is given below:-

Of the decrease of Rs, 21,58,732 under the heading " Land Revenue," Rs. 23,037 were the Imperial share of the actual decrease in land revenue collections during the year 1891-92, and the remsinder (Rs. 21,35,695) consisted of special contributions from the lmperial share of land revenue to the Provincial share, and to the non-recurrence of a special contribution of $17 \frac{1}{2}$ lakhs from Provincial to Imperial. The actual decrease in the amount of land revenue collections was Rs. 30,714 , which was the net outcome of large decreases in some districts and large increases in others. The decreases occurred in Broach, Poona, Belgaum, Bijapur, Dharwar, Hyderabad, and Shikarpur. In Broach, a portion of the revenue of 1891-92 was paid in $1890-91$; in the Deccan districts, collections were postponed owiug to famine; and in the Sind districts the falling off was due to a scanty rainfall and bad - inundation. The districts which showed an increase were Abmedábrid, Kaira, Surat, 'Thána Násik, Kolába, Ratnagíri, Ahmednagar, Karachi, Khándesh, Sholápur, and Kánara. In the first seven districts a portion of the revenue of $1890-91$ was collected in 1891-92, os the
revenue officers were, during the collecting season, engaged in census operations; in Ahmednagar and Karachi a portion of the revenue of $1892-93$ was paid in anticipation, owing to high prices of produce, and in the last three districts the higher receipts were due to the introduction of revised survey rates and sale of occupancy rights. The reduction in the opium pass duty from Rs. 650 to Rs. 600 per chest stimulated exports, $30,654 \frac{1}{2}$ chests having paid duty in 1891-92, against 28,683 chests in 1890-91. The increase in salt revenue was due to the large sales effected at Kharaghoda, Ahmedabad, and the salt works near Bombay, the latter for exports to the Malabar Coast and Calcutta. There was also a large local consumption. The increase under "Stamps" was due partly to the tendency of litigation to increase, partly to the demand in Khándesh for court-fee stamps of higher denominations, and partly to the prevalence of scarcity in the Belgaum, Bijapur, and Dhárwar districts, necessitating larger transfers of land. The increase under "Excise" of Rs. $1,97,627$ represented three-fourths Imperial share of the total improvement in the revenue, and was chicfly due to the tree tax having been raised in Surat and Kanara, to the - still-head duty having been enhanced in Thána, to the collection of arrears in Nasik and Sholápur, and to an increased consumption of liquor in Bombay City and Karachi. In Belgaum, Bijápur, and Dhárwar, famine reduced the revenue by a lakh of rupees. There was an improvement in revenue from sale-proceeds of excise opium, due to the low purchase value paid in 1890.91 for stock. The decrease under "Customs" was both in the import and in the export trade of the Province. Under "Imports" it was due to a smaller quantity of brandy and rum passed for home consumption, sales being curtailed by the increase in the duty and the silver price of these commodities. There was also a large decline in the receipt from import duty on petroleam, both in Bombay and Karáchi. Under "Exports" the decrease was due to the smaller quantity of rice exported to Mauritius, Mozambique, Muscat, and the Persian Gulf, owing to the high prices in Bombay, and better harvests in the Persian Gulf ports and Mozambique. The increase of Rs. 61,987 under"Assessed Taxes" included Rs. 24,779 on account of "Tax on surplus profits of Railways," which was a wholly Imperial receipt, and was due to an increase in the earnings of the G. I. P. and B. B. $\&$ C. I. Railways; the remainder (Rs. 37,208) represented a moiety of the increase under the divided heads "Other sources of income" and "Salaries and pensions paid by local authorities and companies." Under the former the better results were apparent at Bombay, Karachi, and Shikárpur ; and under the latter the increase was due to better scrutiny by revenue authorities. The prevalence of scarcity in the Deccan, Southern Maratha Country, and Sind, and the consequent high prices of grain, necessitated mortgages of property, whereby the number of registrations increased. Larger receipts under the Joint Stock Company's Act also contributed to increase the revenue under the head "Registration." The increase under "Tributes" was due partly to the collection of arrears of tributes from Káthiáwar, partly to Baroda having paid not only the tribute for 1891-92 in full, but Rs. 9,000 of the tribute due in 1892-98, and partly to the fact that in 1891-92 the receipts were very low, owing to ks. 39,000 of the tribute of that year having been paid in the previons year, and Rs. 39,000 having been claimed by the Darbar, for the maintenance of the Geekwar's Contingent in previous years. The decrease under "Mint" was due to a smaller coinage in 1891-92 than in the preceding year, less silver being received, owing to the large quantities imported in 1890-91 by speculators. The decrease under the head "Receipts in aid of superannuation" was due to the Military Fuad being closed, and the subscriptions decreasing with the retirement and death of old subscribers. The increase under "Miscellaneous" was most marked under "Extraordinary items," and was due to the recovery from the Bombay Port Trust of a large amount of non-interest-bearing debt, to the recovery of the capitalized value of the loss of revenue of the land taken up for the Tánsa Lake, and to the saleproceeds of a piece of land on the Esplanade, Bombay. On the other hand, there was a considorable decrease in the revenue of the Somali Coast, caused by a falling off in the trade in hides and ghi, through tribal distarbances, and the smaller import of grain at Zaila, caused by the competition of the French free port.

The net decrease under "Refunds and Drawbacks" was due to no payment having been made to the Portaguese Indian Government on account of the common Customs receipts of 1891-92, and to the excise refunds in 1890-91 being high on account of (a) transit daty on opium supplied to Native States, and (b) penalties for deficient sales. On the other hand, there was a large increase under this head, due to larger payments of wastage allowed on a larger export of salt, to a special refund at Gos to a purchaser of salt, the sale having been set aside by the Commissioner, to larger refund of. stamp duty, and to larger refands on account of petroleum exported to foreign places. The decrease under "Assignments and Compensations" was due to the claims on account of the Goa Customs Tariff compensations, and the Excise compensation at Mahi Kántha, Sángli, and Bálásinor States, due in 1891-92 not having been paid writhin the year. The increase in espenditure under "Salt" was due to the purchase

- of boats and cost of uniforms, and the creation of a separate salt establishment at Aden, to the fteessity for transporting salt from Gos to Castle Rock on the termination of the Anglo-Portuguese Treaty, and to larger removals of salt from Kháraghoda to Gujarát Agencies, and from Maurypur to Sukkur Depôt. The revision of establishment at Karachi and a special charge for the purchase of a steam launch for the Karáchi Preventive Department accounted for the increase under "Customs." The increase in "Forest" expenditure was due to larger supplies of timber and firewood from the Sind Circle. This was, however, partly counterbalanced by smaller payments for the colleotion of myrabolams, the

Provincial ransections.
crop of which, though it fetched bigher prices, was smaller in quantity than that of the previous year. Under "Interest or other Obligations" the temporary check to the deprosit in the Presidency Savings Bank, on the introduction of the new rules limiting individual deposits to Rs. 200 per annum, accounted for the low actuals of 1890-01, and the difficulty of finding other safe and sufficiently remunerative investments for smaller savings having had a tendency to increase the net deposits, caused the increase in 18y1-92. A apecial interest payment in 1891-92 on the arrears of tola-girás allowance sanctioned by Government added to this increase. The sole reason for the saving in the Mint charges for 1891-92 was the large decrease in the actual coinage during that year. The absence of a larger number of Chaplains on leave accounted for the decrense under Ecclesiastical expenditure. The increase in Political expenditure was chiefly due to the transfor of the amual payments to the Afghan refugees from " 27 , Territorial and Political Pensions", to this hend, and partly to the survey expenditare on the Somali Coast. As regards the increase under "Scientific and other Minor Departmenta", the charges paid in connection with census operations in 1890-91 were mainly on account of remuneration, while those of 1891-92 were on account of tabulation, the establishment required for which was necessarily employed for a longer period. Under "Territorial and Yolitical Pensions", in addition to tho transfer of the payments to the Afghan refugees from this head to "Political," there were cortain lapses by death and other minor savings, which accounted for the saving. The apparent saving nuder the head "Stationery and Printing" was due to the inability of the Deccan Paper Crills to sapply 11 varieties of paper, which it was found necessary to obtain from England.

The following statements exhibit, in detail, the Provincial receipts and expenditure of 1891-92 as compared with 1890-91:-



There was thus a net increase in revenue of Rs. 24,00,238, and a net increase in expenditure of Rs. 16,87,468, giving a resultant net increase of revenue of Rs. 7,12,770 above that of the previous year. The more important variations between the actuals of 1890-91 and 1891-92, under the several heads of Civil revenue and expenditure are explained below.

The increase under Land Revenue was made up of the sum of Rs. $21,55,695$, by which the Imperial share of land revenue was reduced, plus Rs. 50,713 nominal increase in the alienated land revenue adjustments, minus Rs. 7,678, the Provincial share of the actual decrease of land revenue collections. The increase under "Salt" was due to larger recoveries on account of Shilotri establishments in the Presidency proper, and on account of storage charges in Sind. The improvements in the Stamp revenue, and in the Excise revenue, have already been explained above. The decrease under Provincial Customs receipts was due to smaller collections under confiscations and penalties, resulting from a better understanding of the Merchandise Marks Act, and to smaller collections on account of transhipment fees, owing to fewer transhipments of potable and non-potable spirits. With regard to "Assessed 'Taxes", the explanation given above on the increase in the divided heads of Assessed Taxes equally applies here. The causes of the excess under Registration have been explained above. Under "Interest", the interest due on the loan to the Ahmedabad Municipality in 1892-93, having been paid in 1891-92, chietly accounted for the increase. Under "Law and Justice-Courts of Law", the increase was in general fees and fines, and. in miscellaneous receipts. The increase under Educstion was due to larger attendance at the Elphinstone and Deccan Colleges, and at secondary schools, specially in the Northern Division and in Sind ; it was reduced, however, by the fact that the receipts at Bombay and Poona fell off, owing to competition of private schools. The falling off under "Scientific and other Minor Departments" was due to the reduction of the area of the experimental farm. at Bhadgaon in Khandesh, and the consequent decrease in its revenue. The decrease under - Receipts in aid of Superannuation", \&c., was due to the high acturals of 1890-91, under 'Contribations", on account of the old Local Board employes, and to the receipts in 1891-92. on account of contributions of certain establishments having been deducted from the charge: side, nuder the rules for foreign service of the third kind. With regard to "Miscellaneous" receipts, the actuals of $1890-91$ included special receipts on account of exceptional writes- .

Causes of incresse and decrease: Receipts:
off of the Administrator-General's deposits; and the proceeds of the nazrinns at the Rajkot Darbar, and the smaller recoveries of law charges, other than those in panper suits in 1891-92, were also acconntable for the decrease. The increase under "Contributions from Local to Provincial" was almost wholly due to the contribution by the Hyderabad and Thar and Parkar Local Boards towards the construction of the Hyderabad-Umarkot Hailway.

The decrease under "Refunds" and Drawbacks" represented proportions of the refunds of revenue of certain chief heads, and the explanation given above in respect to divided heads equally applies here. The increase in "Assignments and Compensations" was nominal, and was due to the adjustment on account of alienated lands based upon revised survey rates. The total increase thus caused was, however, diminished by the non-payment of certain inams and charitable allowances, which were not claimed. Under "Stamps" the deputation of the Assistant Superintendent of Stamps to Europe, in connection with the case of robbery of stamps ex S.S. "Astraea," involving payment of passage money to him, and acting allowance to his locum tenens, as well as increase under "Charges for the sale of Stamps", due to additional sales, accounted for the increased outlay. The increase in "Forest" expenditure is explained above. The increase under "Pegistration" represented one-half of the total increase in expenditure under this head, and was due to an increased charge for commission to sub-registrars and village registrars, the registration revenue being higher than last year. The increase under the head "Interest on ordinary Debt" was due to the grant of additional agricultural advances, specinlly in the famine districts of Belgaum, Bijapur, and Dhárwar, whereby the balance of Provincial loan and adrance account bearing interest inereased. The increase under " General Administration" was due to a special expenditure on account of travelling allowances, \&c., of His Excellency the Governor and Staff to Simla, to the construction of a metre-gange carriage, to the changes in the personnel of Commissioners, causing a corresponding decrease uoder "Customs" and "Survey and Settlement," and to the payment of privilege leave allowances during the year under review. The saving under "Lave and Justice-Courts of Law" was due to the absence of a larger number of the senior officers of the Covenanted Service, to the saving in the salaries of the Cantonment Magistrates of Deesa and Belgaum, and to the Ahmedabad Magistracy having been held as an additional charge in the absence of the permanentincumbent on leave. On the other hand there was a considerable increase of expenditure on account of diet and road money to witnesses, and postage charges. The increase under "Law and Justice-Jails" was due to an extra charge for barracks for the Deccan Convict Gangs. The increase under "Police" was attributable to additional charges for repairs to boats and stores, and for moorings of the Police Hulk "Czarewitch," to the increased employment of watchmen by private individuals and companies (the cost being recovered and credited as a receipt), to the supply of arms and accoutrements, to heavy expenditure on clothing charges, to an increase in alienated land revenue adjustment at higher rates, to the construction of quarters for the Police at Palanpur, and to a revision of establisbment of the Mahi Kantha Police. The increase in "Marine" expenditure was due to the purchase of marine stores for the Steamer Jhelum and the Flat Mooltan, in excess of the usual contract grant, and to a special charge for the cost of removing and replacing the Hajmari Beacon at Karachi. Under "Education", the decreaso was attributable to the reduction in the Government grant to the Bombay University, to the saving caused by the absence of the Vice-Principal of the School of Art, to the saving in workshop charges, and to a nominal decrease under "Grants-in-aid," the amount having been transferred to Local Funds through the adjusting head, under which a corresponding increase has been noticed above. The total decrease thus caused was, however, partly balanced by the parchase, on a larger scale, of chemical apparatus for the College of Science, Poona, and by the revision of, and additions to, establishments in schools. Under "Medical", the increase was due to the excess ander medical establishments, to the increased Provincial grant to the Bombay Mrunicipality to cover the cost of increased accommodation for lepers at the Mátunga Asylum, and to the renewal of the grant to the Surat Dispensary. The savings undor "Political "were chiefly due to the establishments under the Political Agents, Mahi Kantha, and Palanpur, and of the Superintendency at Sávantvadi, having been brought under foreign service of the third kind, whereby the contribution recovered was taken in reduction of the charge, and to a reduction under "Darbar presents and allowances to Vakils," the expenditure in $1890-91$ having been heary, owing to the presents purchased for tho Rajkot Darbar. The increase under the head "Bcientific and other Minor Departments" was due to an unforeseen charge for dairy experiments, and for fencing at the Bhadgaon Farm, to the expenditure for the statistical account of the town and island of Bombay, and to the transfer, from Imperial to Provincial, of a portion of the expenditure on Consus Operations, in connection with the preparation of special statistics, required by the Local Government. Expenditure under the head "Superannuation Allowances and Pensions" showed a stearly increase as usual. The expenditure under "Famine Relief" represented only the cost of infructuous labor on the construction of some roads undertaken by the Public Works Department, in connection with the famine in the districts of Belgaum, Bijapar, and Dharwar. The increase under "Miscellaneous" expenditure was due to the appointment of the Commission to enquire into the working of the Dekkhan Agriculturists' Relief Act, half the cost of which was contribated by Imperial Funds, through the land revenue head, and to the payment to the Bombay Municipality of the consolidated rate on the assessable value of Government buildings in Bombay, with arrears from 1889. The increase under "Civil Works" was due to
expenditure on useful works, to provide employment for the people of the area affected by famiue. The increase under the head "Contributions from Provincial to Local" was due to additional grants for the construction of roads in Kaira, Surat, Poona, Nasik, and Bijapur, to contribations to local achools, public works, and village sanitation, and to a grant to the Ratnagiri School of Industry.

The following table shows the receipts and expenditure of the year 1891-92 under the heards of "Debt" and "Remittances." No comparison is attempted under these heads with the transactions of the previous year, as, from their nature, the receipts and expenditure of any two years have little or no resemblance to each other :-

| - Debl and Remittunce Acconnts. | Recolpte | Outgolngu. | Debt and Remittance Account. | Béceipte. | Outsolnge |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Permanont Debt- <br> Govemment Stock Notos | R4, | He. 18,275 | Provincial Adrames and Loen Acoownt. | 4,32,868 | $\begin{aligned} & \text { Re. } \\ & 10,57,185 \end{aligned}$ |
| C'nfuried DebiNpecial Lonns... <br> Dopnesita of Servies Frunde .... Beslogy Bank Daporita ... | $1,18,040$ $27,00,045$ | $\begin{array}{r} 44,887 \\ 14,63,670 \end{array}$ | Romittonces- <br> Other Loenl Romittancen ... <br> Remittances by Billo... <br> Forelga Bamlutances... |  | $\begin{array}{r} 18,78,96,578 \\ 2,30,61,617 \\ 3,08,77,000 \end{array}$ |
| Ipparits and Adranaet not bearing |  |  | Account betwoen Civil and Civil | \$5,78,100 | 4,24,63,885 |
| Balancen of Provincial Eavings ... | 18,08,012 | $\left\{\begin{array}{l} 8,26,108 \\ 18,00,400 \end{array}\right.$ | Acomint between Civil and other Do-partmente- |  |  |
| Excluted lacel Funds <br> Departmental abd Judicial Dö- | 28,01,878 | 28,88,052 | Post oftice <br> Telegraph | 1,03, 60.231 | 1,00,76,423 |
|  | 2,50, 26,600 | 1,89,07,600 |  | 83,758 $18.44,175$ | $15,34,788$ 215.96 .156 |
| Licul fruad Debt Accounth... Adrance theoremble ... | 21,90,014 | $\begin{array}{r} 28,605 \\ 24,34.157 \end{array}$ | Publuc Works $\cdots$ | 2,09,94,000 | - |
| Permabets Alvancos | ${ }^{1}$ |  | Quamiteed Railiway | $6,46,73,419$ | 2,98,82,415 |
| Ansount with Forcign 8tatee | 8.87,820 | 4,46,49 | Remittance Acoornt between Bingland |  |  |
| Conface Acmunt $\because \because \quad$. | 4,39,9,44 $8,58,006$ | $\begin{aligned} & 4,21,10,037 \\ & 9.81,189 \end{aligned}$ |  | 11,23,600 | 15,667 |
| Cheques and bill -- | 2, $50,60,898$ 47685 | $\begin{aligned} & 2,50,59,216 \\ & 4,01,0050 \end{aligned}$ | Socrutary of State's Brite | 7,47,38,500 |  |
|  | $\begin{aligned} & 8,77,6955 \\ & 8,18,125 \end{aligned}$ | $\begin{aligned} & 4,91,0 \mathrm{0n} \\ & 3,69,578 \end{aligned}$ |  | , $3,27,2,000$ | 2,76,01,676 |
| Lamis to Muniripallitiet, Nation Statos, <br> 4. ... ... ... ... ... .. | 8,20,049 | 2.09,45d | Total ... | 51,80,08,480 | 59,89,18,2037 |

The firures under the head of Government Stock Notes represent the refund of the value of stock notes withdrawn from circulation. Under "Unfunded Debt", the transactions recorded under the head "Deposits of Service Funds" on the Bombay books were only in connection with the Bombay Uncovenanted Service Family Pension Fund. The Savings Bank deposits exceeded the withdrawals by Rs. 3,16,000. An explanation is given abore of the causes, which led to larger interest being allowed on these deposits. Under "Deposits and Advances", sub-head "Balances of Provincial Savings", the outgoings show that the Provincial expenditure exceeded the revenue by Rs. $5,26,000$, whereas in the case of Local Fands the revenue exceeded the expenditure by Rs. 1,96,000. The receipts and outgoings under Loans to Municipalities show recoveries and advances on account of loans to the Rombay Port Trust, the Bombay Municipality, and the Cambay State. The sum of Rs. $2,0 i, 000$, on the debit side, represents a further loan to the Bombay Port Trust. Ender "Provincial Advance, \&c., Loan Account", the receipts and outgoings were made up of advances to Cultivators, Advances under Special Laws, Losns to Native States and Private Individuals, and Loans to Mofussil Municipalities. The large advances were almost wholly due to the prevalence of famine in the Southern and Central Divisions, and scarcity in Sind. The net receipts under advances under special laws were Rs. 88,000 , the diff:rence Rs. 22,000 representing adjustments. There was an advance of Rs. 900 only by the Manager, Encumbered Estates, Karachi. The receipts represented recovery of old advances from several notabilities in the Province, including Sind. Under "Loans to Mofussil Municipalities", the advance of Rs. $2,70,000$ was made up of Rs. 61,000 to the Ahmedabad, and Rs. $1,42,000$ to the Hubli Municipalities, Rs. 17,000 to the Ahmedábad District Local Board, for the construction of a bridge, and Rs 50,000 to the Karachi Port Trust. There is nothing special to record with regard to remittances. The entries under receipts from, and payments to, the Postal, Telegraph, Marine, Military, and Public Works Departments, and the Guaranteed Railways, merely show receipts into and payments from treasuries in the Bombay Presidency, which were finally accounted for to the departmental officers. The transactions under the head "Remittance Account between England and India" are of two kinds-(1) receipts and payments in India on account of the Imperial Exchequer, and (2) other remittance transactions with the India Office. Under the former, the transactions passing through the Bombay Books are, adjustments with the London Post Office for Postal . and Moner Orler transactions; Little Basses Light Vessel dues, balances of Shipping Master's ${ }^{\text {. }}$ acconnt with the Board of Trade in London, and pensions paid to the retired members of the Hongkong Police ; under the latter, the receipts were on acconnt of stores purchased, and pay and pensions recoverable from Provincial and Local Funds, and from Foreign States. The transactions on the receipt side under "Secretary of State's Bills" represented bills drawn by the Secretary of State converted at 2 shillings to the rapee, plas loss by exchange, finally adjusted in the Central Books, the total representing the rupee debt ineurred by the Secretary of State by issuing bills. on Bombay. On the payment side, the figures represent the per contra debit to London for the rupee debt and the actusl repayzuent in Bombay of the debt discharged during the year under report.

Gold Bullion. Silvar Ballion.

Silver Coinage.

Operative lossea,

Revenue.

Expenditure.

Mint profit.

Circulation.

No gold was tendered for coinage during the year 1891-92.
The amount of silver bullion received from the Currency Department for coinage, exchange for Mint certificates, during the year under report amounted to Rs, 4,03,14,: against Rs. $9,09,79,785$ in the preceding year, and the amount of British Indian uncurr coin received for re-coinage was Rs. $1,43,148$ against Rs. $2,17,982$ in the previous ye The net value of the importations of silver bullion into the Port of Bombay amounted 6771 lakbs of rupees in 1891-92 against 1,131 Jákhs in 1890-91. The silver tendered merchants and others for coinage amounted to 468 lakhs of tolás (rupee weight) agai 852 $\frac{1}{2}$ lakhs in the preceding year, and was composed of the following items:-


The nominal value of the silver coins issued from the Mint during the year under 1 port was Rs. $4,07,49,536$. Of this amount Rs. 4,00,00,000 were issued in whole rupe Rs. $2,20,820$ in quarter rupees and Rs. $5,28,707$ in two-anna pieces. The outturn of go coins of these denominations obtained from the weight of metal passed through the rolli mills amounted to $65 \cdot 6,62 \cdot 2$ and 60.4 per cent. respectively.

The combined operative losses of the melting and mechanical Departments amount to about Rs. 17,759, which gave an operative loss of about Rs. $28 \cdot 6$ per lakh of silver rolle As, however, these figures may not be absolutely correct, it would be safer to consider $t$ ] rate of loss at from Rs. 25 to Rs. 32 per lákh rolled.

The charges levied for the coinage of silver bullion during the year amounted Rs. $8,45,205$ as compared with Rs. $19,20,684$ in the previous year. The total reven from all sources amounted to Rs. 8,93,174 against Rs. 20,31,549 in 1890-91.

The total expenditure for fixed and extra establishments was Rs. $2,60,564$ again Rs. $2,89,617$ in the preceding year. The total outlay on local and English stores amour ed to Rs. 82,735, being less by Rs 61,543 than the corresponding amount in $1890-9$ The decrease was chiefly due to the smaller coinage in the year ending March 189 The contingent expenses amounted to Rs. 15,706 against Rs. 13,139 in $1890-91$ and $t$ ] pro-formd charges to Rs. $3,85,541$ against Rs. $4,81,813$ in the year previous. The tot current expenditure was Rs. $8,33,765$ as compared with Rs. $10,94,090$ in 1890-91. T] expenditure on capital account during the year was Rs, 6,205 on account of buildings ar Rs. 31,906 on accoant of plant.

The gross gain accruing to the Mint on the year's working amounted to Rs. 4,44,9; and the net protit to Rs. 59,409 against Rs. 14,19,271 and Rs. $9,37,458$, which were t] corresponding figures for 1890-91.

## Currency.

## Bombay Circlb.

The gross circulation on 81 at March 1892 was Rs. 7,5'6, 88,840 as compared wit Rs. 8,92,81,810 on 81st March 1891.

The following table compares the gross circulation of each denomination of notes on $31_{1}$ March 1891 and 31st March 1892 :-


This statement showb an mercese in notes of Rs. 10, 50, 100 and 500 and a decrease in notes of Rs. $5,20,1,000$ and 10,000 . The decrease in notes of Rs. 20 was difficult to account for, the deerease in notes of Res. 5 was probably attributable to the temporary alarm caused by the knowledge that forged notee of that denomiontion were in circulation. The fall in circalation, however, really arose from a decrease in notes of the two highest denominations.

A more accurate test of the state of circulation is ebtained by considering notes of small value used by the community generally in transactions of every-day life.

The following table compares the monthly circulation, in thousands of pieces, of each denomi- Low-value Noter nation of low-value notes in the years 1890-91 and 1891-92 :-

| Yonthm |  |  | B |  | 10 |  | 20 |  | 80. |  | 200 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1800-01. | 1801-02. | 1800991. | 1801-02. | 1890.91. | 1801-12 | 180001. | 1903.92 | 180001. | 1501-ce. |
| April ... -. ... |  |  | 268 | 310 | 754 | 845 | 106 | 114 | 66 | 77 | 85 | 103 |
| May $\ldots$ | $\cdots$ | $\cdots$ | 271 | 829 | 745 | 809 | 103 | 113 | 67 | 78 | 87 | 101 |
|  | ... | $\cdots$ | 273 | 321 | 745 | 849 | 100 | 108 | 65 | 78 | 85 | 101 |
|  | $\cdots$ | . | 281 | 326 | 737 | 854 | 102 | 108 | 64 | 73 | 88 | 100 |
| Auygust | ... | $\cdots$ | 280 | 333. | 757 | 887 | 106 | 118 | 63 | 76 | 82 | 100 |
| Septemier | $\cdots$ | $\ldots$ | 282 | 325 | 761 | 883 | 106 | 116 | 63 | 73 | 84 | 98 |
| October | ... | ... | 298 | 824 | 778 | 906 | 111 | 122 | 64 | 77 | 86 | 99 |
| November December | ... | ... | 303 | 305 | 808 | 897 | 113 | 121 | 68 | 75 | 89. | 99 |
|  | .. | $\ldots$ | 304 | 328 | 891 | 955 | 115 | 128 | 68 | 83 | 03 | 104 |
| December <br> Jantary <br> Fobruary | ... |  | 300 | 288 | 808 | 884 | 109 | 119 | 70 | 78 | 34 | 100 |
|  | ... |  | 307 | 284 | 838 | 887. | 113 | 120 | 73 | 79 | 98 | 100 |
| Mlarah... | ... | .. | 325 | 279 | 875 | 888 | 121 | 119 | 77. | 81 | 104 | 106 |
|  | orag | $\cdots$ | 290 | 812 | 786 | 883 | 109 | 117 | 67 | 77 | 89 | 100 |

These figures show a general tendency towards increise, the only exception being in the case of notes of Re. 5 , the circulation of which began to decline in January last for the reason stated alove. The steady increase in the circulation of the low-value notes indicated the growing popnlarity of the paper currency among the public.

With the exception of a slight depression in June; August and October the circulation of High-value Notes. high-value notes increased from month to month until it reached the maximum of Rs. 718 lakhs in November 1891. There was then a sudden re-action, and their circulation began to decline rapidly from December (when silver was required for cold-weather operations) until it reached the miniraum of Rs. 405 lákhs in February 1892. The balances of the Branch Reserve Treasury were held almost entirely in notes of high value. Omitting these from the gross circulation, the decrease in the circulation on 31st March 1892 as compared with S1st March 1891 was Re. $1,34,20,350$.

The following table compares the net circulation, after deducting the notes held in the Notes of both higb Reserve Treasury, on the last day of each month, of notes of Rs. 100 and under and notes of and low value.
hs. 500 and over in the years 1890-91 and 1891-92 :-


Eren after thus eliminating the Reserve Treasury balances from the figures representing the circulation of the high value notes, the tendency to a maximum from April and to a minimum from Ducemher 1891 was very noticeable. The circulation of low-value notes was on the whole rteady and sbowed a tendency to increase.

The average number of home notes which passed over the counter on each working day Transactions with during the past three years and the daily average of cancellations during the same period were as the public. follows :-

|  | Yoer. |  |  | Notes. <br> received. | Notes. <br> leaued. | Notes. <br> cabcolled. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1889.90 | $\ldots$ | $\ldots$ | $\ldots$ | 7,166 | 7,832 | 4,147 |
| $1890-91$ | $\ldots$ | $\ldots$ | $\ldots$ | 6,940 | 8,20 | 8,147 |
| 1891.92 | $\ldots$ | $\ldots$ | $\ldots$ | 8,203 | 8,524 | 5,644 |

The above figures show an increase both in "notes received" and "notes ismoel" Juring the year under report as compared with the previous year. The increase wan moot marked in "notes received", and was attributable to the fall in circulation. The alight decreawe in notes cancelled during the year was due to the restriction in the re-issues of small-value notea having been relaxed a little on account of the large accumulation of notes awaiting cancellation.

The following statement gives the statistics of the encashment of forcign notes during the year :-

| cascuta. | Aluhabid. | Iahors. | Medre. | Callcut | Cosonede. | Tartich, | Rengmon. | Tocal. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Re. | R. | R. | Re. | Bs. | Re. | Res, | [1. | Re. |
| 33,24,180 | 8,15,230 | 22,32,785 | 74,02,820 | 3,01,695 | 105 | 7,74,295 | 1,41,435 | 1,50,82,43 |

[^16]Withdrawal of coin from circnlation.

Exchange of amall coins.

## Agencies.

Jost Notes.

Fraud and lorgory.

Remittancea
of coin,

| Half-Rupees Quarter-Kupeal One-righth Rupees Coppor | - |  |  | Reocolph, | Inoues. | Not Imuma. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Ru. | Ra. | Re. |
|  | . | ** | $\cdots$ | 1,10,768 | 4,02,018 | 2,85,200 |
|  | ... | ... | ... | 3,650 | 6,26,040 | 6,21,319 |
|  | ... | ... |  | 2,668 | 8,20,420 | 5,17,755 |
|  | .., | ... | ... | ...... | , | 6, |
| Total |  |  |  | 1,28,080 | 14,48,475 | 13,25,303 |
| Total of 1800.91 |  |  |  | 2,28,163 | 13,21,223 | 10,93,06\% |

This comparison shows a decrease of Rs. $1,05,083$ in recciptsand an increase of Re. 1,27,25z in issues. The decrease in receipts was due to amall coins remitted by the Bank of Bombay having been received direct into depôt.

At the permanent agency at Nagpuy the value of notes ismued was Re, 46,000 against Rs. $5,84,000$ and of those received nil against Rs. $5,81,000$. At the beginning of the year there existed $\theta$ temporary agencies holding various amounts, which aggregated Rs, $31,29,000$. Other agency chests were established during the course of the year. The total balance of coin held at the close of the ycar was Re. 72,73,000.

Claims to the value of Rs. 25,100 were paid during the year for lost and mutilated notes against Rs. 9,130 in 1890-91 and Rs. 13,045 in 1839-90. The inorease was due to two cuscs involving a payment of several notes of high value.

No new class of forgery appeared during the year, but 94 five-rupee forged notes of the Bombay Series, one of the Rangoon Sories, and 2 forged ten-rupee notes of the Caloutta Series were discovered. The five-rupee notes of the Bombay Series belonged to the new forgery issued last year. The man who issoed them was arrested at Sholfipur and was found guilty and sentenced to transportation for life. During the year a Marwadi was fouid uttering a forged note for $\mathrm{Rg}, 500$ and was found guilty and sentenoed to six years' rigorous imprisopment.

The following tablo gives details of silver remittances:-


A remittance of Re, $10,00,000$ was also made from the Hyderaibad temporary agenoy chest to Karachi.

## Karáchi Crecle.

The figures detailed below show the grose circulation for the year under report and the year previous :-


A comparison of the above figures shows that there was a steady increase during the past year in the issue of notes of all the denominations.

The encashment of foreign circle notes during the past year rose from Rs. $18,49,405$ to Re. 16,08,185. The increase of Rs. $2,53,780$ was due to a larger amount of foreign - notes having been encashed by the local treasury on account of Government, and also to shipping agents having presented such notes as were received by them from travellers passing through.

Shroff-marked Coins to the value of Ris. 161 were withdrawn from circulation. The recoipts Miocelleneonen, and issues of small change during tho year were as follows:-

| - | Fooaiptas. | Inacem, |
| :---: | :---: | :---: |
| . $\quad$. | Re. | Ra. |
| Half-Rupeos ... Quarter-Rupeos Ono-aighth lapeen | - $66,000{ }^{\circ}$ | 55,995. |
|  | 61,000 | $62,527^{\circ}$. |
|  | 61,000 | 47,876 |
| Total, 1891.92 ... <br> Total, 1890-01 ... | 1,78,000 | 1,66,398 |
|  | 27,958 | 99,638 |

The above figures ahow a very large increase in both the receipts and issues of small silver during the year.

The following is the statement of lost and mutilated notes paid during the year on bonds of Loot notes. indemnity :-


All the losses paid this year were of half notes. There were no cases of frand or forgery. The following is the detail of remittances received and paid during the year :-

$$
\begin{aligned}
& \text { Recaived from Bombay . ...... ... .... .. } 1,21,78,000 \\
& \text { Paid to the looal Treasury and Banki on account of foreign circles." } \quad 29,60,000 \\
& \text { Total Remittances ... } \overline{1,51,38,000}
\end{aligned}
$$

The total remittances in 1890-91 were Rs. 1,44,52,000.

## Land Revenue.

The following table shows the net amount of land revenue to be collected in the different districts during 1891-92 as compared with 1890-91. Full details concerning the cost of collection, the various tenures, the remissions, and so forth, in the different districts will be found in Part III, Appendix V-B. The number of distraints resorted to in connection with the collections has already been stated in Chapter IL:-



The actual collections during the year amounted to Rs. 3,56,94,023 against Rs. 3,60,78,572 in 1890-91, and thus bore a slightly smaller proportion to the demand than was the case in the previous year. A decrease in the revenue demand in Sind more than counterbalanced .aĭ increase elsewhere.

## Canal Revenue.

The revenue credited to the above head falls under two categorics, viz. (I) the direct receipts of the Irrigation Department, and (II) the irrigation share of the land revanue assessed with reference to the supply of water from canals, tanks, dams, and other sources, created or maintained by the.Public Works Dopartment. The works aleo are divided into two categories, the first including entirely new works and works restored or extensively improved within the last twenty-five years, for which capital and revenue accounts are kept, and the second including old works, mainly tanks and weirs, which are maintained by the department, and for which only revenue accounts are kept. The direct receipts on account of works for which capital and revenue accounts are kept were as follows:-


The corresponding receipts in 1890-91 were Rs, 5,74,735.
The irrigation share of land revenue on account of works for which capital and revenue accounts are kept, was as follows:-
(l) Prodactive Pablic Worke-
(a) Sind...
(b) Deccan and Gujarät

The following table shows the financial position, at the close of the year, of irrigation works of all clasees for which capital and revenue accounts are kept:-


The revenue and expenditure on account of works for which only revenue accounts are kept were as follows:-


A full account of the works in progress during the year is given in Chapter IV.

## Public Works Revenue.

The revenuo realized during the year 1891-92 as compared with that of the two previous years under the heads Imperial Military and Provincial Civil Works was as follows:-

|  |  |  |  | $\begin{gathered} \text { 18se-po, } \\ \text { Re. } \end{gathered}$ | $\begin{gathered} \text { 1800.01. } \\ \text { Rs. } \end{gathered}$ | 1801-92. $\mathrm{Rs}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Imperial Military |  | ** |  | 1,11,946 | 26,097 | 21,155 |
| Provincial Civil Works | ... | ... | $\ldots$ | 7,91,418 | 8,12,475 | 7,48,249 |

The revenue under the head "Military" is that derived principally from rents of quarters. The decrease as compared with the figures of the two previous years was due to the formation of a separate Military Works Department in this Presidency, and the transfer of the buildings and quarters from which rent wns derived to that department, as also to less rent being. realized during the year. Under Provincinl Civil Works the largest item of receipts was the collections from tolls on roads, which, including receipts under the Highway Act, amounted to Re. $5,82,654$ as compared with Re. $6,32,591$ and Rs. $8,43,629$ in the preceding two years. $1889-90$ and 1890-91. Taking the whole of the receipts under Civil Works, there was a decrease of Rs. 64,226 over the previous year's receipts, made up principally of a decrease of Rs. 62,065 under tolls, Rs. 2,121 under sales of buildings, and Re. 12,893 under fines, refunds, and miscellaneous, which was partly counterbalanced by an increase of Rs. 6,998 under rents; Rs. 2,143 under sale of old materials, Rs. 1,057 under value of materials from old buildings, and Re. 1,089 under collections under the Highway Act.

## Customs.

## Sea Custors.

Port of Bombay.
A comparative table showing receipts under the head of Customs; Imperial, for the Imperial receipts. past two years is subjoined :-


Chap. 7 . Financiat
Receiptrifrom import duty.

The following table shows, contrasted with those of the previous year, the grosa and net receipts from import dities on articles other than salt, recoveries on which are credited to the Salt Department:-

| No. | yeed. | 1890.08. |  |  | Net Recolpte. | 1897-42. |  |  | Not Receppte. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\underset{\text { Rocolptin. }}{\text { Gros. }}$ | Runds. | Drawbecks. |  | Recol ptis | $\underset{\text { fanda }}{\text { Reo }}$ | Draw. backe. |  |
|  |  | R. | Ra. | Re. | R8. | R. | Re. | Re. | Ra. |
|  | Arms, Ammonition and Military Storea .... | 60,979 | 10,210 | 934 | 49,835 | 84,825 | 19,308 | 1,080 | 71,487 |
| 2 | rotable Spirite ... Other Liquora | 12,93,081 | 213 22,323 | 2,764 815 | $12,88,104$ $4,52,945$ | $12,13,688$ $5,98,915$ | 64 26,699 | 996 873 | $\begin{array}{r} 12.12 .623 \\ 5.11,413 \end{array}$ |
| 3 | Othor Liquora Potroleum | 4,48,883 | ${ }_{2}{ }^{2} 76$ | 7,231 | 4,41,476 | 3,94, 2144 | 20, 22 | 4,749 | 3,89,463 |
| 5 | Opium :.. <br> Unclassified Heada-Imports by Post ... | $\begin{array}{r}475 \\ \hline 1,387\end{array}$ | 20 | ... | 475 1,367 | 161 1,322 | ... | . $\quad .$. | 161 1,822 |
|  | Total ... | 22,79,888 | 32,942 | 11,74t | 23,35,202 | 22,33,150 | 39,038 | 7,698 | 21,86,419 |

The reason why the total value of imports, as shown above, is less than that shown in the foregoing table by Rs. 199, is that, while one item of duty on postal parcels was shown on the trade returns, from which the above statement is taken, but not in the first statement, another item of such duty was excluded from the trade returns, but included in the first table. Under the head of arms and ammunition, the gross receipts exceeded those of 1890-91 by Rs. 28,846. This increase was mainly, if not entirely, due to the importation of large stocks by two co-operative societies newly, established in Bombay. The receipts from liquors are drawn from two sources-potable spirits and other liquors. Compared with the previous year, the returns showad a decrease of Rs. 76,481 in the net receipts under potable spirits, and an increase of Rs. 58,468 in the net receipts under other liquors,that is; a total net decrease of Rs. 18,018. This decrease was msinly due to the increase of duty and the fall in exchange. The total importation of potable spirits fell short of that of the previous year by $8,059 \cdot 7$ proof gallons, or 3.8 per cent. The average strength of the spirit was $9 \cdot 4$ per cent. under proof against 9.6 per cent. in the previous year. To the total imports of potable spirits, brandy contributed $45^{\prime} 5$ per cent., whisky 45.8 , gin, old tom and hollands $7 \cdot 2$, and rum $1 \cdot 5$, against $49 \cdot 5,43 \cdot 4,5 \cdot 5$, and $1 \cdot 6$, respectively, in the proceding year. The fall from 209,610 to 201,550 gallons,-that is, a decrease of 8,060 gallons,in the import of potable spirits was due partly to the increase in the rate of duty on spirits -from Rs. 5 to Rs. 6 the Imperial gallon proof, partly to the depreciation of silver, and partly to the initial surplus stocks. The quantity of spirits passed for home consumption was 240,769 liquid gallons, against 255,103 in the previous year-a decrease of 14,334 gallons, or 5.6 per cent. In over-proof spirits there was an increase in the import of whisky, probably due to the decrease in brandy and under-proof whisky. An increase noticeable in the imports of rum was ascribed to a decrease in under-proof rum; and a decrease in gin and old tom to an increase in over-proof and ander-proof hollands. An increase occurred in hollands, which seem to be growing in popularity; it was partly due to the fact that, in consequence of the expiration of the Portuguese Treaty, several consignments of hollands, intended for Goa, were bonded and shipped to that port, instead of being simply transhípped. In under-proof upirits the item of brandy showed a large decrease, probably due partly to the enhancement of duty, and partly to an increase in the imports of spirits of wine, as well as to the fact that whisky continued increasingly to take the place of brandy. The imports of spirits of wine, or more correctly of rectified spirits, were $35,935 \cdot 4$ proof gallons, against $29,423.3$ in the previous year, an increase of 6,512 I proof gallons, which was more than balanced by the decrease in brandy, the place of which spirits of wine to some extent take. Since, besides in medicinal preparations, lelrge quantities of spirits of Fine mixed with water are drank as an intoxicant, spirits of wine might be classed as potable spirits. If this were done, the total combined imports of potable spirits and spirits of wine, for the year under report and the previous year, would be $237,485 \cdot 8$ proof gallons end $239,033 \cdot 4$ proof gallons, The year's.decrease would then be only $1,547 \cdot 6$ proof gallons or. 0.63 per cent. The $237,485^{\circ} 8$ proof gallons of imported spirits at Rs. 6 the proot gallon yielded Ks. 14,24,914-12-10. Under the Act previously in force, duty would have been charged not on $237,485 \cdot 8$ proof gallons, but on $263,954 \cdot 2$ gallons, namely on $188,048 \cdot 1$ liquid gallons of under-proof spirit, and on $75,906.1$ proof gallons of over-proof spirit. At the rate of Rs. 4 per liquid gallon, the duty. would have amounted to Ko. 10,55,816-12-10. The amended syatem of charging duty, therefore, made the revenue more by Rs. $3,69,098$ than it would have been, if Rs. 4 per liquid gallon had been charged. The gross receipts from petroleum fell from Rs, $4,48,483$ to Rs. $3,94,244$, a decrease of Rs. 54,639 , due to diminished importe, chiefly the result of large surplus stocks at the beginning of the year. The importation of petroleum oil represented a total of $12,965,680$ Imperial gallons, against $14,759,272$ Imperial gallons in 1890-91. This decrease of $1,793,592$ Imperial gallons was due partly to the large stocks on hand at the beginning of the year, and partly to the discharge by two vessels from Batoum of part of their cargoes at Verával in South Kathiáwár. Batoum oil continued steadily to undersell American petroleum. During the year nearly eight-ninths
of the whole supply came from the Black Sea. Negotiations were in progress in Bombay, ns in Karfichi, Madras and Calcutta, for the import of Batoum oil in bulk. The landing and storing conditions in Bombay were less simple than those in the three other leading ports, where, especially in Madras, the arrangoments were well advanced. In Bombay, the rules and conditions for the landing and storing of oil in bulk were still under the cobsideration of Government. An attempt was made during the year to avoid the Imperial duty. on potroleum, by consigning à shipload of oil to one of the Native State ports, where the duty could not be levied. It was apparently the importers' expectation that from Veraval in South Kithihwar, the port of delivery, the oil might pass duty-free by land and sea into British territories. Arrangements were made to prevent any of this oil crossing the Kathiáwár frontier and also from entering any British port by sea. As the local Veraval demand did not prove aufficient to furnish a market for the whole cargo, a considerable share of the oil was forwarded to Bombay. The total of drawbacks during the year was Rs. 7,698, against Rs. 11,744 in 1890-91; this decrease of Rs.4,046 was priacipally under liquors and petroleum.

The gross receipts under export duty amounted to. Rs. 1,79,100, or Rs. 24,994 less than in 1890-91. The ouly export duty levied was on rice sent to foreign ports. The decrease of cwts. 48,178 in the export of rice was due partly to the rise in the local price, mainly to meet the demand from the famine-stricken rice-eating districts of Madras, and partly to better grain harvests in East Africa and Arabia. The ports which showed the most marked decrease were Cutch, Mozambique, Mauritius, Abyssinia and Muskat.

- In spite of the decrease of Rs. 60,305 , the total net realizations under the head Imperial for the last ten years given below show that since $1882-83$, when duty was removed from most articles of import, rectipts have more than doubled :-

|  | 1889-88 | 1288-54. | 1881-88. | 1885-80. | 1890-87. | 2387-89. | 1889-89, | 1889.90. | 1800.91. | 1891-92. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | H5. | Ra. | Ra. | Re. | Re. | Ra. | Rs. | Re. | Rs. | Ra |
| Gross | 12,88,023 | 13,41,233 | 13,88,542 | 14,40,050 | 15,16,350 | 18,50,653 | 21,88,870 | 23,55,900 | 24,99,416 | 24,40,642 |
| Nat | 11,32,205 | 13,27,836 | 13,79,011 | 14,28,539 | 15,04,230 | 18,29,629 | 21,41,986 | 22;94,806 | 24,53,2024 | 23,82,919 |

\footnotetext{
Under the head Provincial the total gross and net receipts are compared below with Provincial recsipta. the corresponding figures for 1890-91:-


Of thirteen items of Provincial gross receipts, seven fell by Rs, 5,727, and six rose by Rs. 3,669. The net decrease was, therefore, Rs. 2,058. The principal items of decrease fell under transhipment fees and confiscations and penalties.

The working expenditure of the department amounted to Rs. 3,47,051, against Expenditare. Rs. $3,28,412$ in $1890-91$. Changes in the pay of the establishment accounted for an increase of Rs. 12,740 , while miscellaneous expenditure showed an increase of Rs. 5,899 , chiefly due to the large amounts spent on purchase and repairs of dead stock and stores.

The Anglo-Portuguese Treaty terminated during the year. The division of the common Miscellaneonn : $\downarrow$ costoms receipts for the tenth, eleventh and twelfth years ending 14 th January 1892 had not been made at the close of tho year under review. The examining staf made 425 amendments in import documents, resulting in the addition of over three-fourths of a lakb, and the deduction of a little over two lakhs, to and from declared values. Most of these corrections referred to free goods, and were, therefore, solely of statistical importance. The financial result of corrections relating to dutiable articles was an increase of Rs. 209 in duty recovered. The amendments in export documents of all kinds numbered 816, and involved additions of about three-fourths of a lakh, and deductions of over three and a half lakhs, to and from the declared values. The alterations in dutiable entries resulted in the recovery of Rs, 90 additional duty. Except under liquor, the total increased revenue secured by dutiable amendments in import and export documents amounted to Rs. 299. There were 4,765 consignments of liquor, or 708 more than in $1890-91$, imported and received in the Gauging Jepartment. The testing of imported spirits by distillation instead of by the hydrometer has resulted in an increase to the revenue of Rs. 15,510. As explained in last year's report, to save the inconvenience and cost of delay, the testing of spirits generally took place in the Dock Laboratory. The net value of the goods bonded during the year was Rs. $3,82,722$, against Rs. $3,12,694$ in the previous Year, the increase of Ks. 70,028 in value being accounpanied by an increase of Rs. 43,228 in duty. The total duty on goods in bond at the beginning of the year, together with the duty on goods bonded during the year, aggregated Rs. 3, 82,099 , while the duty on goods removed and lost during the yeur, together with the balance in bond at the end of the year, was


The gross and net collections showed a slight falling off from the year before, but were still higher than any of previous years since the introduction of the Indian Tariff Act of 1882. There was an increase in import duty collections under every head except petroleum.

Provincial rocelpte. Expenditure.

Expenditure rose from Rs. 42,259 to Rs. 73,738 during the year under report.

## Land Customs.

In consequence of the termination of the Portugucse Trenty this branch of the revenue regained ite former importance. Immediately on the cessation of the Treaty on the 15th Jannary 1892 the proventive lines round Goa and Daman were completed, the Indian Tariff Act was amended at a single sitting by the Supreme Council, and duly notified customy-collectr : ing stations were opened at the places determined upon by the Bombay Government.

Under the arrangements as completed, the Goa Frontier was divided into 7 beate and the Daman Frontier into two beats.

The following were the duty-collecting stations cetablished on both the frontiers:-

| Gos Frontier- | Daman F |
| :---: | :---: |
| Banda. | Kante. |
| ${ }_{\text {D }}$ Dodamarg (opened after the 1st April | Chala. |
| Talevadi (Kelghat). | Patharpunja. |
| Cantio Rock. | Kulaj. |
| Diggi. .-. |  |

The collections made at the aboveduty-collecting stations (exelusive of duty on salt) from the 15th January 1892 to the close of the year were :-


The gum of Re, 9,000 represente the fixed "chanth "" annually paid by, the Dharampar State in lieu of the share in the transit duties belonging to the Britieh Government.

## Opium.

No change was made during the year under report in the number or location of the
scales for the weighment of opium. The rate of duty on opium intended for export by see from the Port of Bombay to China and other foreign countries, remained throughout the year at Rs: 600 per chest.; The rate on opium imported for local consumption in the Bombay Presidency remained at Rs. 700 per chest.. The rates levied at the scales at Ajmere were, as usual, Rs. 25 per chest higher in each case.

The following table shows the number of opinm chests imported from Malwa, and Rajputana into Bombay, the amount of pass duty realized, and. the number of chosts exported to China and otherwise disposed of in the year 1891-92, as compared with corrasponding figures for the two previous years:-


The number of chests imported into' Bombay during the year exceeded that of the pre- Cansen of flactionceding year by 769. The exports to China increased by 707 chests. 'There were $115 \frac{1}{2}$ tions in inporta ohests exported to African ports, 51 to Cochin and Allepey, one' to Trieste, end one to Brindisi.

The average prices of opium in the Bombay market during the vear under review, were Pricen. Rs. 1,116 per chest for new opiutn, and Rs. 1,183 per chest for 0 1 opium. The average prices in the previous year were Rs. 1,096 and Rs. 1,159 per chest for ${ }^{2}$ new and old opium respectively.

Opium was issued from the Government'depots at the rate of 'Rs.' 10 per' lb; up to the consumption in the 31st March 1892, after which date the rate was reduced to Rs: 9-12-0 in the Presidency Preidency. proper only, consequent ou the decline of the price of opium in the market. 'The issuesamounted to $49,006 \mathrm{lbs}$., of which quantity 24,864 lbs. were issued to Native Chiefs entitled to full or partial remission of duty, amounting to 'Rs. 61,939 , and the balance was issued for consumption within British districts. The Native Chiefs and licensed veadors of British districts, who require opium in large quantities, and are authorized to obtain it in quantities of not less than' one-half chest, either from the scales direct on payment of duty, or by purchase in the Bombay market, bought $845 \frac{1}{2}$ chests, equal to $1,15,082 \mathrm{lbs}$. in the Bombay market, and 341 chests, equal to $46,482 \mathrm{lbs}$. at the scales in Málwa. Of this quantity; 322 chests (equal to $43,828 \mathrm{lbz}$ ), were obtained by Native Chiefs entitled to full or partial remission of duty, and refunds of duty amounting to Rs. 81,842 were either made to them before the close of the year, or-will shortly be made to them. The Native States of Palanpur, Mahi Kantha, Rewa Kantha, Cambay, aud Baroda, which are entitled to full remission of duty, obtained from the scales in Malwa, under duty-free passes, 279 chests during the year under report. The quantities of opium, which actually passed into consumption in the year under report in each British district, are shown' in the following table, which elso exhibits the licit sales of the preceding two years and the average of the three years ending 1888-89 :-


The total licit sales of opium in the British districts increased, on the whole, during the cansea of flyctuayear by $4,379 \mathrm{lbs}$, as compared with the previous year. The increase occurred chiefly in tion. Kaira, Broach, Panch Maháls, Hyderabad, Karáchi, Shikárpur, and Khándesh; but, in the two first mentioned districts, the sales were much less than those of 1889-90. The sales in Ahmedálad, which showed the very large decrease of 10,154 lbs. in $1890-91$, as compared with $1883-90$, again decreased by 726 lbs . in the year under report. The increases and decreases in the other districts being small, do not call for special remarks.

Chap. 7 . FINANCIAL

Introduction of modified minimam vond ayatem.

Consumption in Native Statem.

Shops.

Reverue.

Bxpenditure.
-
Freneral reorganization.

Doring the year under report the modified minitnum guaranteed vend systern, nonde which the amount to be guaranteed was fixed by the Commissioner, and not by competition was in force in all the districts, except Khandesh and Bombay, (where the terms for whict the farms were held had not expired), and the five southern districts where, the consumptiot of opium being small, the old license-fee system was retained.

In the Native States of the Presidency, the licit sales amounted to $1,61,7 \mathrm{fi} 2 \mathrm{llm}$. of which $72,009 \mathrm{lbs}$. were sold in Barods territory, 8,154 lbs. in Cutch, $47,6,99 \mathrm{lbss}$. ir Káthiámár, and $30,752 \mathrm{lbs}$. in other States in Gujarat. The opinm required by Native Chiefs in the Konkan, Deccan, and the Southern Marátha Oonntry, amoonted to 3,748 liss. and was obtained by the Chiefs from the nearest British depôt, or from the Collector ol Customs, Bombey.

The number of shops in the Presidency, licensed for the sale of opium, was 1,168 against 1,166 in the previous year, and those licensed for the sale of chandul, madat. and other preparations of opium fell from 119 to 103.

As shown above, the total number of chests imported into Bombay, on payment of duty at the scales, amounted to $30,848 \&$ chests, and the duty realizations to hs. $1,85,37,250$ Some of the chests were imported for consumption within the Presidency, on payment of duty at Rs. 700 per chest, and some, which were originally imported for exportation te China, on payment of duty at Rs. 800 per chest, were subsequently cleared for home consumption, after payment of the differentinl duty, amounting in the aggregate to Rs. $1,22,720$ Deducting the amount of duty realized on account of opium exported from Bombny to ports in the Madras Presidency; the net duty realizations under the head "Excise", on account of opium imported for consumption within the Presidency, amounted to Rs. $11,00,070$ while the realizations under the Imperial head opium, on account of exports to China and other foreign countries, beyond the continent of India, amounted to Rs. 1,75,29,300. With the addition of the fees levied on account of the transhipment of opium chests in the Bombay harbour and miscellaneous receipts, the total Imperial revenue from opiun for the Presidency, for the year under review, amounted to Rs. $1,75,80,370$, as against Rs. $1,71,51,457$ for the preceding year, an increaso of Rs. $4,28,913$. Similarly, including license fees and other miscellancous receipts, and deducting refunds made to the Native Chiefs on account of whole or partial remission of duty, as stated above, the net excise revenue from opium for the Presidency, for the year under review, amounted to Rs. 10,50, I05, as against Rs. $10,62,431$ for the preceding year. Tho increase in the Imperial revenue was due to larger exports to China The decrease in excise receipts was insignificant.

The expenditure on account of a portion of the opium establishntent employed in Bombay, and that employed at the Ahmedabad Agency, which is debited to lmperial Services under. the head "Opium," amounted to Rs. 25, 823 , against Rs. 25,579 in the previous year. The provincial expenditure of the Opium Department is included in that of the $\Delta$ 'bkári Department, and cannot be accurately distinguished, but may be estimated approximntely at Rs. 30,000 .

## Salt.

## Presidency Proper.

The termination of the Treaty with Portugal on the 15th January 1892 caused considerable changes in the general organization of the department. The services of many of the eubordinates employed at Goa and Daman during the Treaty had to be dispensed with, and the frontier jorts round Goa and Daman had to be re-established and manned. The changes in. the sulvordinate establishment were as follows:-
(a) In accordance with the proposed revision of the Boat Establishment in the Kinnra Range, hadditional (eight-monthly) liscara wore employed during the year ; (h) the guarding establishment at salt-works was increased by 27 additional hands paid for by the shilotris; and (c) the establishment approved of, in anticipation of the sanction of higher authority, for the purpone of manning the preventive line and collecting the customs revenue on the Goa and Daman frontiers was as bhown below :


## The following establishments were reduced during the year :-

Two peons at Bandar Bhatkal; 6 men at Bhandup, the distillery at that place having been "closod from lat October 1890, as the distiller had lost the custom of the new farmers, and the following establishments in the Portuguese Tergitories of Goa and Daman:-

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Bar-karkund. ... | .0' | ... | ... | ... | 8 |
| Inspectors $\ldots$ | ... | ... | - ... | ... | 3 |
| Clerka and kerkrins | ... | $\ldots$ | $\cdots$ | ... | S8 |
| Petty officors, peons and | meniala | ... | ... | ... | 571 |
|  |  |  |  |  | . 675 |
| Daman- |  |  |  |  |  |
| Clerks and kárkúns $\quad . .0$.... ... ..... ${ }^{\text {4 }}$. 2 |  |  |  |  |  |
| Potty officers and peons | $\ldots$ | .. | * | ... | 14 |
|  |  |  |  |  | 16 |
|  |  |  |  |  | 691 |

The result of these changes was that the eanctioned strength of the establishment as it $\begin{gathered}\text { Strength of the } \\ \text { Department }\end{gathered}$ stood on the 31st March 1892 was as under:- .


The re-survey and assessment of salt-works in the Pen Taluka were completed during the year. The general question of the advisability of remitting ground-rent on salt lands and clarging, instead of assessment, a cess or royalty on all sales was carefully considered and reported on, and the principle was spproved by Government. Final proposals for the introduction of the much-needed reform were still to be submitted. Mr. Kilby's patent weighing machines were received in the early part of the year and were given a fair trial. But it was found that they were not suited to the requirements of the department. The Conventions with Cambay and Janjira worked harmoniously during the year. The fish-caring yards at Vengurla and Gangawali werefreely used and were very nearly, if not quite, self-supporting. The advisability of opening additional yards along the coast of North Kanara and worling them on the principles in force in Madras was under consideration. The stock of salt required for issue to the Portuguese Government for domestic consumption and fish-curing. at Daman had during the year to be replenished by a supply of 10,321 maunds from the Dharasna salt works. There was no change in the strongth of establishment employed at Daman till the last day of the Treaty, 14 th January 1892, on which day the British establishments were promptly withdrawn.

The sources whence the supply of salt was obtained were the same as in previous years.
No change was made in the cost price of the salt produced at the Government works in the Sources of supply. Runn and at Bulaar ; but at the works in the Northern and Middle Konkan, while the maximum and minimum prices remained the same as last year, the average price fell considerably: and st the Shiroda and Sanikatta works the downward tendency of prices noticed last year continued. This cheapening of salt at Shiroda and Sánikatta was traceable to the competition with Goasalt and to the continued effect of the Southern Maratha Railway in equalizing prices.

The following table shows the maximum, minimum and average prices at the Northern and Middle Konkan, Shiroda and Sánikatta salt works :-
 territory.

Expantion and reduction of alt worle.

From the subjoined table it will be seen that the number of salt worlas open and in opera-
tion in British ternitory during the year under report exceeded the corresponding number for the year 1890-91 by 50 and was only one less than in the year 1889-90:-

|  |  | - | Bamp | ornv. | Incrowe |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1850-91. | 18908. |  |
| Gowernmotst | o. $\left\{\begin{array}{l}\text { Runn Works } \\ \text { Bulsar Works }\end{array}\right.$ |  | 211 |  | ... |
|  |  | ... |  | 1 |  |
|  | Umbargaon | -. |  | 28 | .... |
|  | Bassein $\qquad$ |  | 28 |  |  |
|  | Ghodbandar |  | 45 | 4.5 | $\ldots$ |
|  | Trombay ... | ... | 23 | 23 | ${ }^{\text {... }} 1$ |
|  | Matunga .... | . 0 | 25 | 26 |  |
| Private or leased | .. $\left\{\begin{array}{l}\text { Uran } \\ \text { Karanja } \\ \\ \text { Panto }\end{array}\right.$ | $\cdots$ | 8826 | 88 | $\cdots$ |
|  | Karanja :-. |  |  | 26 | ... |
|  | Pantel | $\ldots$ | 19 | 19 |  |
|  | Pen ... $\quad$... |  | 27 | 32 27 | $\ldots$ |
|  | Snnikatts ${ }^{\text {... }}$ | .. | 79. | 128 | 49 |
|  | - | Total | 396 | 446 | 00 |

Out of the 57 salt works at Sćnikatts in which salt-manufacturing operations had beco suspended during 1890-91, owing to over-production in previous years and to falling off in the demand for Sánikntta salt, 49 were re-opened during the year under report. One additional work was also opened in the Mátungs taluka.

The numberand area of worke in Goa territory remained the same as last year, but the

Cont of salt it works in Goa territory. prices of Goasalt showed a marked falling off. They ranged from a minimum of pies 6 to a maximam of 9 annas, the average rate being 4 annas and 3 pies per mand. The main causes of this reduction were (1) the increase in the competition of Konkan salt in markets hitherto commanded by Goa salt, and (2) the efforts made by Goanesc proprietors to get rid of their surplus stocks before the termination of the Treaty.
1mported malts.

Froduction and disposal of ealt in British and Portuguese territories.

The quantity of salt imported by .eea during the year was $7,77+$ maunds against $4,5 \cup 9$ mands imported last year, showing an excess of 2,985 mands. This increase was due to importations of Sinda salt, which had fallen off last year, having revived.

The importation of salt by land, on payment of duty at Land Customs stations, this year amounted to maunds 51,643 . All of this, excopt maunds 15 and 12 seers, was imported from Goa territory.

The table given belows shows (a) the total production, ( $b$ ) loss and wastage, (c) removals and (d). balance of salt in stock at the end of the year for each of the last five years:-

|  | Bhock In hand on lat April, inctuding Agrocian and Dopota for Bartgre Salta | Mannimetared and brought to socount curing the yoast | Sotel Strock | Romand Wartacto | Farcentche of Loos and to Total gtock. |  |  |  | Balnnce On 81st March. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Full Duty. | Duty-free or namiual đuty. | Tons. |  |
|  |  |  |  |  |  |  |  |  | $\left\{\begin{array}{lll} \text { Ind, Yds. } & \text { a } & \pm . \\ 17,19,505 & 50 & 0 \\ 1,45,190 & 0 & 0 \\ 20,21,1230 & 10 & 40 \end{array}\right.$ |
|  |  |  |  |  |  |  |  |  |  |
|  | 89,10,180 30 60 | 105,78,661 1082 | 1,61,82,602 is 76 | 10,40,946 110 | 8776 | $88,19,402740$ | $0,20,464808$ | :90,22,017 88 | 20,08,631 86 |
| Q-Porfugove Tara- | 2,75,784, 20 | 488,2788540 | 7,04,058 8740 | a8,73,791 1940 | \$77 | 2,48,018 80 | 1,44,808 160 | 8,88,286 is 18 O | ...... |
| Orred Total |  | 1,07,00,854 16 62 | 1,40,40,740 1280 | 10,10,758 2080 | 849 | 80,56,876 1040 | 7,04,807 1002 | 04, 11,188828 | 80,03,281 9 40 |
|  | $\begin{array}{lll} 16,27,524 & 0 & 0 \\ 2,20,517 & 0 & 0 \\ 80,00,458 & 81 & 70 \end{array}$ |  | $\begin{array}{llll} 51,76,200 & 7 & 0 \\ 8,27,149 & 0 & 0 \\ 05,90,167 & 18 & 00 \end{array}$ | $\left.\begin{array}{rrrr} 18,804 & 18 & 0 \\ 1,01,714 & 0 & 0 \\ 10,02,117 & 07 & 70 \end{array}\right)$ | $\begin{aligned} & 9068 \\ & 10.28 \\ & 10 \div 4 \end{aligned}$ | $\begin{array}{ccc} 16,06,180 & 0 & 0 \\ 8,1 \pi, 081 & 0 & 0 \\ -6,50,781 & 16 & 0 \end{array}$ | $\left\|\begin{array}{rrr} 1,081 & 20 & 0 \\ 0,00,033 & 29 & 64 \end{array}\right\|$ | $\begin{array}{lll} 10,06,161 & 20 & 0 \\ 8,16,621 & 0 & 0 \\ 02,40,817 & 6 & 0 \end{array}$ | $\begin{array}{llll} 14,83,204 & 9 & 0 \\ 1,00,016 & 0 & 0 \\ 23,2 f, 412 & 85 & 60 \end{array}$ |
| al | 28,51,205 070 | \$1,80,461 26701 | 1,28,01,780 25 co | 11,88,026 570 | 008 | 70,02,082 1640 | 6,01,007 981 | 62,05,600 2611 | \$0,10,130 3686. |
| $4 \text { Lory. }$ | 2,24,007 0 al | 404,76 50 | 7,19,201 781 | 28.0182881 | 308 | 2,70,400 850 | 1,46,884 240 | 4,14,798 10 0 | 2,78,784 20 |
| Orand Total | 80,70,23 1 1\% | 80,46,785 81 70] ,40,80,087 2811 |  | 12,10,044 8281 | 8087 | 78,72,000 1040 | 7,46,401 38 64 | 80,18,309 414 | 41,85,914 56 56 |

[^17]

The accounts of Baragra salt opened with a balance of maunds 14,85,204-9-0. The quantity Opening balances, manufactured and brought to account during the year amounted to maunds 19,77,132, or to season's produce and maunds 4,23,196-2-0 more than in the previous year. The sales exceeded those of last year by closing bnancess. maunds 65,014 , leaving a balance of maunds $17,19,865-39$ at the close of the year, showing an excess over last year's balance of maunds 2,34,661-30 and maunds 98,541-30 over that for 1889-90. The opening balance at Bulsar was maunds $1,09,014$. The quantity manufactured and brought to account was maunds $4,08,105$ or maunds $1,05,273$ more than that of last year. The sales effected during the year were $3,35,214$ mannds, which though in excess by maunds 18,593 of those of the previous year left a balance of maunds $1,65,036 \mathrm{at}$ the clase of the year. The accounts for the rest of the Presidency opened with a balance of maunds 23,15,912-25-56. The produce of the year increased by about 13 lakhs, nearly all the talukas contributing to the increase, while the Ankola Talaka made up last year's deficiency, the produce for the year under report being $1,51,304$ maunds against 38,762 maunds for the last year. The sales this year amounted to maunds $70,26,527-28-22$, or to maunds $7,45,710$ more than the siles of last year and maunds $9,53,104$ in excess of the average sales for the last five years. As the transactions under the head of Portuguese works covered only a portion of the year, viz., $9 \frac{1}{9}$ months, no very eatisfactory comparieon with the results of the previous year can be made. There was an opening balance of $2,75,784$ maunds 2 seers, and $4,88,273$ maunds were brought to account during the year, making a total stock of maunds $7,64,057$ against a stock of $7,19,201$ maunds for the last year, showing an increase of 44,856 maunds in total stock. A balance of some $\mathbf{3 , 4 6 , 9 4 6}$ maunds was handed over to the Portugrese Government on the conclusion of the Treaty.

The total quantity of salt written off on account of loss and wastage exclusive of salt Lomand Trastage. in Portuguese territory reached the very large figure of $12,40,944$ maunds 1 seer 16 tolas, showing an increase over the amount written off last year under this head of 52,917 maunds 35 seers 26 tolas. This increase was chiefly noticeable in the Konkan or seas salt, and was due mainly to miscalculations owing to the imperfect working of the rectangular heap system. Carelessness in estimation in former years, insufficient thatching and excessive moisture were also accountable in a minor degree. In Barágra salt the wastage recorded was 12,599 maunds 28 seers less than in the previous year owing to the incomplete clearance of the compartments on which wastage was calculated. The quantity of salt written off at Bulsar during the year amounted to maunds 11,869 against $1,01,714$ mands in the previous year. Out of this, 1,008 maunds were written off on accoont of loss caused by floods, 487 maunds on account of wastage by moisture, and the remaining 10,394 mands on acceunt of over-estimates.


The issues again showed an increase amounting to 65,014 maunds as compared with the previous year. This increase was chiefly attributable to the increased facilities afforded for removals for local consumption by the opening of the Mehsana-Viramgam Railway extension, and to the steady expansion of the salt trade in the Central Provinces. Removals to the North-Western Provinces showed a falling off of 16,554 maunds due to ordinary fluctuations of trade. The issues from the main stores at Khárághoda showed an increase of maunds 38,715 and 3,107 in removals to the Central Provinces and Central India respectively, and a decrease in the removals for local consumption and on account of exports to the North-West Provinces. The net result was, however, an increase in issues from the main stores of 20,484 maunds as compared with the previous year. The issues at the Ahmedábad Depot and at the Agencies showed an increase of 9,473 and 35,057 maunds respectively over those of the preceding year. There was an increase of about 15,000 maunds in the issues for the Panch Mahale, of about 5,000 maunds for the Ahmedabad District, of 8,000 maunds for the Mahi Kantha Agency, and of about 7,000 maunds in the Gaekwar's territory over the figures for the laist year. The only decrease noticeable was a decrease of 1,666 maunds in the supply for Cambay. The following table shows the sales of Baragra salt since 1879-74 :-

| Yoar. |  |  |  | For tocal conaumption. | For oxport Provincel, | For export to <br> North.West 'roulicos. | For export Indin and risjputana. | Total. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Mda. | Mde. | M.ds. | Mds. | Mds. |
| 1873.74... | ... | - | ... | 3,41,273 | 1,89,485 |  | 78,864 | 6,10,002 |
| 1874-75... | ... | -- | ... | 8,90,056 | 2,53,335 | ...... | 25,424 | 6,08,815 |
| 1875-76... | - |  | ... | 4,83,187 | 2,72,800 | !.. | 49,172 | $8,05,199$ |
| 1876-77... | $\cdots$ | ... | ... | 4,61,520 | 3,17,475 | ...... | 61,798 | $8,30,793$ |
| 1878-79... | $\cdots$ | $\ldots$ | $\ldots$ | 4, $4,71,448$ | 4,19,127 $4,82,270$ | 20.410 ${ }^{\text {\% }}$ | 89,237 $\mathbf{1 , 1 9 , 6 3 5}$ | $9,76,936$ $10,98,663$ |
| 1879-80.. | ... | $\ldots$ | $\ldots$ | 3,80,888 | 6,39,280 | 1,12,770 | 8,18,481 | 18,46, 119 |
| 1880-81... | $\ldots$ | $\cdots$ | $\ldots$ | 8,62,603 | 4,03,611 | 1,09,240 | $2,29,684$ | 10,60,318 |
| 1881.82... | ... |  | ... | 4,77,934 | 84,232 |  | 8,09,911 | 8,22,077 |
| 1882-83... | $\cdots$ | ... | -.. | 4,48,885 | 4,28,610 | 6,460 | 2,84,712 | 11,67,667 |
| 1883.84... | $\cdots$ | $\cdots$ | ... | 4,77,757 | 4,07,097 | 15,573 | 2,95,179 | 11,94,206 |
| 1885.86... | $\cdots$ | $\cdots$ | $\cdots$ | 8,89,681 | $4,58,016$ $4,52,445$ | 24,030 137720 | $8,71,359$ $6,23,610$ | 13,43,956 |
| 1886-87... | ... | ... | $\ldots$ | 4,94,875 | 4, $4,60,4005$ | $13,77,720$ $6,17,037$ | $6,23,610$ $6,16,188$ | 29,61,245 |
| 1887-88.... | ... | $\cdots$ | $\ldots$ | 6,25,501 | 4,47,309 | 6,00,517 | $6,16,188$ $3,71,770$ | 15,45,157 |
| 18889-89.... |  | *** | ... | 4,80,519 | 4,19,100 | 2,70,204 | 8,41,219 | 16,11,132 |
| 1890.91... |  | $\cdots$ | -.. | 4,98,624 | 4,38,414 | 3,47,001 | 3,89,693 | 16,21,432 |
| 1801.92... | $\cdots$ | $\cdots$ | $\cdots$ | 4,92,406 | 4,28,866 | 3,37,488 | 8,40,601 | 18,06, 16 l |
|  | -- | *- | ... | 6,28,628 | 4,65,381 | 8,20,934 | 3,56,234 | 16,71,1;5 |

The sales daring the jear under report were the largest on record excepting in the years 1885-86 and 1886-87 when the failure of the Sambhar crop occasioned such an abnormal demand for Baragra salt.

The following comparative statement shows the quantities of salt which passed int,s consumption within and without the Presidency from Gajarat, Konkan and Kanara works:
in British territory and from those in Portugnese territory together with the distribution of the issues :-


There was a further increase of 18,593 maunds in the sales from the Bulsar salt works and the issues from the works near Bombny mose from maunds 60,97,911 in 1890-91 to maunds $68,50,561$ during the year undor report,showing an increase of $7,52,950$ maunds. An increase occurred in all the talukas except Pen and Ghodbandar. At Ghodbandar the creeks still continued to silt up, and the difficulty of removing salt by sea increased. There can be no doubt that the fall in the price of salt stimulated the demand, and that the absence of all indication of any desire to disturb the daty had an excellent effect upon the trade. The decline in the sales at Sánikatto, which was fully explained last year, continued during the year under report. Phe issues from works in Portuguese India showed a decrease of 24,503 maunds, being $8,77,561$ maunds for the year under report as against maunds $4,02,064$ for the preceding year. The transactions were closed on the 14th January on account of the termination of the Treaty. Taking British and Portuguese works together the removals of sea sult showed an increase of maunds 7,37,771 during the year under report, this increase being chiefly due to large removals of salt from the works near Bombay. The distribution of issues, viewed according to their destination, showed .that there was a substantial development of trade in all parts of the country including issues for consumption within the Presidency. The export of salt to the Central Provinces showed an increase of maunds 91,525 over that of the last year. It seemed that the light sifted Bombay salt was gaining in popularity in the Central Provinces at the expense of Northern India and other salts. The exports to the Nizam's territory showed an increase of 40,852 maunds. A marked improvement took place in the Calcatta trade daring the year under report, the exports for the year being $6,39,658$ maunds as against $4,48,232$ maunds for $1890-91$ and 3.55,712 maunds for 1889-90, showing an increase of $1,91,376$ maunds over 1890-91, and of $2,83,946$ maunds oker 1.889-9a. The salt exported to Calcutta is generally salt of a very inferior quality, which is sold by the proprietons at wery low rates, sometimes for the mere cost of the storage. It is sometimes removed merely as a kind of batlast. The salt export trade to Calcutta thas depends mainly on the freight rate question. There was a little falling off amounting to 67,615 maunds in the British Malabar trade during the year under report. There was an increass of 17,612 maunds in the export of salt to Foreign Malabar. The exports to 3 dysore showed an increase of 35,134 maunds over last year due to the increased use of the West of India Portuguese Railway by the Bombny merchants. The quantity of salt issued for locad consumptiou in Portuguese Lindia amounted to 1,37,280 maunds as compared with $1,47,382$ maunds for the last year, showing a decrease of 10,102 maunds due chiefly to the closing of the transactions earlier by $2 \frac{1}{2}$ months on account of the termination of the Treaty. The quantity of salt issued for local conaumption in British territory showed an increase of $4,37,531$ maunds over last year, the quantity issued during the year under report being 29,23,6i3 manads:as againyt $24,56,132$ maunds in $1590-91$.
\& 741- $\mathbf{5 1}$

Chap. $y$. FWHANCEL. Free issues of walt.

The issues of salt duty-free amounted to $1, \mathbf{5 6 , 4 4 3}$ maunds against $1,56,094$ maunis in 1890-91; the details are given in the subjoined table:-

| Inomem. | 2890.01, | 1001.02. | Incrouse or decrease. |
| :---: | :---: | :---: | :---: |
|  | Md. 3. t. | Mds. b. t. | Mde. at |
| Under the terme of the Portuguese Treaty | 1,42,182 4 ¢ 0 | 1,23,027 150 | $-8,204290$ |
| Under the tarma of the Janjira convention ... | 10,399 2954 | 0.0361562 | -463 1372 |
| To replace salt lost at inea before final chieok ... | 1,240 000 | 9690 | -271 00 |
| For flab-ouring yards in British Territory | 8,822 200 | 11,01100 | $+0,288200$ |
| Total ... | 1,86,094 1854 | 1,50,443 8062 | +348178 |

There was a decrease of 8,204 maunds 29 seers, the whole of which occurred in Goa, mainly in the quantities issued for domestic consumption. This was attributable to the necessity for closing accounts $2 \frac{1}{2}$ months earlier than usual on account of the termination of the Treaty. There was an increase in the quantity issued for fish-curing, due to the very favourable nature of the fishing season. A decrease of 483 maunds was observable in the quantity issued to Janjira State and of 271 maunds in the quantity of salt issued to replace salt lost at sea. There was an increase of $\mathbf{9 , 2 8 8}$ maunds in quantities issucd for fish-curing in British India: but much of this increase was due to the fact that it was deemed advisable to stock tho Vengurla and Gangawali fish-curing yards with two years' supply of Goa salt before the close of the Treaty.

Conn uffiction of ast in the Yresidency.

The total quantity of salt which passed into consumption in the Presidency amounted to $35,11,706$ maunds. The deduction of $2,47,000$ maunds on account of the estimated, but unrecorded, exports to Nizam's torritory and Mysore hitherto taken into consideration as the probable yearly export was disregarded this year, and the actual exporta were treated as the correct figure. Taking the population at $23,902,008$ according to the census of 1891, the average consmmption per head came to 11.82 lbs , as against $1 \mathrm{P} \cdot 23$ last year. The quantity of salt removed for consumption in Gujarat was maunds 858,570 or 8.13 lbs . per hoad, and in the rest of the Presidency it was maunds $25,81,718$ or 18.91 lbs . per head. The average rate of consumption, except in Gajnrat, increased. The average consumption per, head in Gujarat lost year, calculated on the correct figures, amounted to 8.71 lbs.

The following table shows the wholesale market prices of salt as distinguished from
Wholeate market -
pricet of asalt in the
priert of salt in the prices at the works in each district of the Presidency during the months of April, Augrast and December of each of the calendar years 1890 and 1891. The rates quoted are those given in the price current lista published in the Government Gazettu:-

| Districts. |  |  |  | April. |  | August. ${ }^{\text {- }}$ |  | Decetnber, |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1800. | 1801. | 1800 | 1891. | 1890. | 1801, |
|  |  |  |  | Re. s. p. | Ra. a. p. | Hes as p. | In, as p. | Brs, an p. | In, a. p. |
| Bombay | . $*$ | -0. | $\cdot$ | 8154 | 8154 | 8128 | 3154 | 812 B | 8154 |
| Ahmedabad | ... | ** | , |  | 804 | 310 | 804 | 304 | 304 |
| Kaira | *- | ** | ... | $\begin{array}{lll}3 & 1 & 0 \\ 3 & 2 & 7\end{array}$ | 310 | 8804 | 8 1. 0 | 810 | 810 |
| Papch Mabils | $\cdots$ | -. | -.. | $\begin{array}{lll}3 & 2 & 7\end{array}$ | 8127 | 8810 | 827 | 8810 | 855 |
| Broach | -** | - | -.. | 314 | $814^{\circ}$ | 824 | 828 | 814 | 310 |
| Sorat | 1 | $\ldots$ | -.. | 385 | 385 | 835 | 885 | 836 | 33 |
| Thana | ... | . 0 | ... | 3111 | 884 | 848 | 880 | 848 | $\begin{array}{lll}8 & 8 & 0\end{array}$ |
| Kolabs . ... | *** | - | ... | 2188 | 2154 | 218 B | 3: 08 | 800 | 808 |
| Ratnagirl ... | - 0 | ** | $\ldots$ | 320 | 218 | 899 | 3 l 1210 | 3 1 0 <br>    | $\begin{array}{llll}8 & 0 & 8 \\ 8 & 1 & 1\end{array}$ |
| Kanara | ... | *** | .. | 31011 | 897 | 898 | 8108 | $\begin{array}{llll}8 & 10 & 8\end{array}$ | $3{ }^{3} 817$ |
| Natik ... | ... | - | ... | 214 | 808 | 800 | 8110 | 840 | 86 |
| Khandesh ... | ... | ... | $\cdots$ | 31810 | 81110 | 31810 | 482 | 812 | $\begin{array}{lrr}3 & 6 & 2 \\ 3 & 13 & 3\end{array}$ |
| Ahmednagar | *** | ... | ... | 8811 | 344 | 842 | 8810 | 8 ¢ 8 | 8109 |
| Sholdipur -... | ... | ... | ... | 386 | 857 | 858 | 366 | $\begin{array}{lll}3 & 6 & 9\end{array}$ | 850 |
| Poona | ... | ... | ... | 388 | 346 | 970 | 8 ( 6 | 365 | 880 |
| Satura ... | ... | . |  | 382 | 888 | 8510 | 878 | ${ }^{8} 865$ | 8115 |
| Belgaum | $\cdots$ | ... | ... | 808 | 2169 | 876 | 361 | 829 | $\begin{array}{lll}8 & 9 & 6\end{array}$ |
| Dharwar | *** | ... | ... | 3146 | 8141 | 8159 | 3188 | 4011 | 3128 |
| Bijapar ... | -** | ... |  | 409 | 8140 | 3151 | 81411 | 409 | 81411 |

The price of salt, as usual, reached its lowest level in April and its highest in Aurust, difficulties of distribation during the monsoon accounting for the gradual rise. Prices in Bombay remained steady, and there were only slight fluctuations in Gujarat. The fluctuations in Ratafgiri, where prices rose from Rs. 2-15-5 in April to Rs. 3-12-10 in August, were mainly due to the inaccessibility of the district during the rains,

The gross collections undor the head of salt revenue in 1891-92 amounted to Rs. 2,26,38,847 against Rs. 2,10,26,193 in 1890-91 and showed an incrense of Rs. 16,12,654. As compared with the average receipts for the four years ending 1800-91, the increase
amounted to Rs. 35,43,162. The roceipts on account of Imperial and Provincial Revenue, respectively, are exhibited below :-

|  |  | $\begin{aligned} & 1802.02 \\ & \text { Ra. } \end{aligned}$ | $\begin{gathered} \text { 1800-01. } \\ \text { Ra. } \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Iroperial | - | ... -2,25,81,556 | 2,09,79,683 |
| Provincial | $\cdots$ | 57,291 | 40,610 |
|  | Total | ... 2026,38,847 | 2,10,26,193 |

The realizations of Imperial Revenue showed, when compared with last year, an increase of Rs. 16,01,873. The total excise duty realized on salt issued from wörks in the Presidency, including Portuguese India, amounted to Rs. 2,19,14,590 againtt Rs. 2,04,53,649 in $1890-91$ and Rs. $1,94,90,071$ in 1889-90. The increase was due to larger removals of dutypaid salt during the year under report. Owing, however, to the credit bond system the duty figures do not (except in the case of imported salt) correspond with the quantities shown in any given year as issued. Duty on imports by sea showed an increase of Rs. 7,412 due partly to larger importation of Sinda salt from Bandar Abbas and partly to the quantity of salt imported from Goa to Honavar after the termination of the Anglo-Portuguese Treaty. Duty on imports by land showed an increase of Rs. 1,29,076 owing to importation of Goa salt across the frontier into British districts after the termination of the Treaty. The remainder of the increase was chiefly due to the greater quantity of fish eured at the fish-curing yards entailing larger sales of British Government salt, to the disposal of British Government salt at nominal prices at the termination of the 'Treaty, and to larger issues of salt at Kharraghoda and the Ahmedabad Dep8t. The only items of decrease were one under the heading "Duty on salt removed from Portuguese salt works" a decrease of R. 54,139 , due to the fact that sales of salt were stopped $2 \frac{1}{2}$ months before the close of the year in consequence of the termination of the Treaty, and a decrease of Rs. 29,779, partly owing to the expiration of farms or leases in Goa in consequence of the termination of the Treaty, and partly to the failure of the payments of full instalments by the lessees of Government salt works at Bassein.

The total receipts under Provincial amounted to Rs. 57,291 against Rs. 46,510 for 1890-91 and showed a net increase of Rs. 10,781. The largest item of increase was Rs. 6,457 due partly to recovery of charges from shilotris for additional establishments entertained during the year, and partly to the recovery from them of arrears of pension contributions.

The total expenditure for the year under report was Rs. 15,84,849 against Rs. 14,82,692 Expenditure in the year 1890-91, or Rs. 1,01,657 more than in the previous year. The chief causes of increase were, in Goa territory, the expense of removing salt from Goa to Castle Rock, and the payment of arrears of previous years, and in British territory, the issue of clothing to peons, \&c., the construction of a new boat and a new barge and the increased production of salt at Kháraghoda and Udu, and larger removals of salt to the Agencies.

Details showing the number of salt-smuggling cases in $1890-91$ anu 1891-92, and the Salt-smaggling number of persons arrested, tried, acquitted and convicted in connection therewith, are given casea in the following table:-


There was an increase in the number of cases during the year, but they were for the most part of a pety nature; the percentage of convictions to persons sent for trial was in the Northern Division 86 and in the Southern Division 90.

> Sind.

The centres of salt-supply remained unchanged, viz., the Maurypur salt works and Saran end Dilyar deposits, and the depôt at Sukkur. Consignments of English and rock salt, amounting to 729 and 10,604 maunds respectively, were also received during the year under report. The following statement contrasts the total production, loss and wastage, removals and balances of salt in stock at the close of the past and previous years :-

| Eearr |  |  |  |  | $\begin{gathered} \text { Stocks on } \\ \text { hand at the } \\ \text { commencement } \\ \text { of the semar. } \end{gathered}$ | Hyde or excminted during the year. | Bemored darlng the year. | Lesued to the Mllt of Khairpur. | Loes and wastage. | Etockt on hand at the clowe of the year. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Md. | Mds. | Mde. | Mda. | Mds. | Mda. |
| 1890-91 |  | $\cdots$ |  |  | 2,07,815 | 2,05,116 | 2,33,547 | 8,600 | 2,206 | 1,65,478 |
| 1891-92 | $\sim$ | ... | -.. |  | 1,69,473 | 3,28,850 | 244,503 | 9,350 | 7,846 | 2,35.629 |

The quantity of salt manufactured at the Marrypur salt works during the year undee report amounted to $2,92,182$ maunds agninst $1,80,500$ in the preceding year, and that excavated and stored at the Saran and Dilyár deposits was 12,060 and 24,656 mannds argainst 12,500 and 10,130 maunds, respectively, last year. The sales at Dilyár were much laryer this year. Maunds 50,400 were received in the Sukkur salt depft from the Maurypur saltworks in 1891-92 against 42,394 in 1890-91. The quantity of salt consigned from the Misurypur salt works to the Shamspir salting station during 1891-92 was 1,320 maunds.

Sales of salt at the different sources during the past two years are contrasted below :-

|  | $3501.02 .$ <br> Hide. | $\begin{gathered} \text { 1800.pl } \\ \text { vds. } \end{gathered}$ | $\begin{aligned} & \text { Incremes. } \\ & \text { Mds. } \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Manrypur ealt worke .de | $\ldots$ 1,74,108 | 1,71,262 | 2,984 |
| Sáran salt deposit ... | ... 18,251 | 12,371 | 883 |
| Dilyar andt deposit | 18,021 | 13,373 | 4,848 |
| Sukkur salt depot ...* | - 87,822 | 85,850 | 1,972 |
| Shamspir saltiug station | - 1010 | 791 | 219 |
|  | ... 2,44,809 | 2,38,647 | 10,856 |

During the year under report $2,54,068$ maunds of salt (both produced locally and imported by private agency from Europe und the Punjab), wore consumed in the province. The average rate of consumption per head wes 7.27 lbs . against 8 lbs and a little over $40 z \mathrm{~s}$. in the foregoing year. This avcrage was taken ou the new census, the figures of which showed an increase from $21,18,828$ to $28,71,774$.

The average selling price of salt in the market was a little lower, being Re. 3-6.5 in 1891.92 against Rs. 3-6-11 in 1890-91 per maund.

His Highness the Mir of Khairpur was supplied with 8,750 maunds of salt from the Sukkur salt depôt and 800 from the Dilyár salt deposit, in all 9,350 maunds,

The quantity of salt sold at the Shamspir salting station for curing 7,406 mnunds of fish was 1,010 maunds aguinst 791 maunds in the previous year. Almost all the fish cured were exported by sea to Bombay, Rangoon, Zanzibar and Bilimora.

## Financial remultis.

 Rs, B,337:39 in the year before. The expenditare amounted to Rs 180,638 araint I2s, $1,32,817$. The porcentage of charges to gross receipte was $13 \cdot 59$ agninst $13 \cdot 45$ in the previous year.The number of salt offences brought to light was 185 against 124 in 1890-91. Of those, 95 were of illicit manufacture, 42 of removals from deposits, 28 of smaggling from foreign territories and 20 of a miscellaneous nature.

Aden.
At Aden the grose revenue was Rs. 14,285, an increase of Rs. 804 over that of $1890-91$. - This was the highest collection on record. Expenditure increased from Rs. 280 to Rs. 1,786 chiefly owing to the constitution of a small salt establishment. The total quantity of salt made and removed from pans, Government and private, was 71,177 mands of 28 lbs as compared with 67,813 maunds in the previous year.

## Excise.

## Prestdency Proprr.

Thiere was no change in the system under which the country spirit farms were managed, nor in the arrangements for the realization of revenue from the sale of raw toddy.

The following minor changes were introduced; during the year under report, in connection with the arrangements for the sale of country spirit in certain districts. The rates of still-head duty and maximum retail prices were raised by 8 annas per gallon, of strength $25^{\circ}$ U.P., in the Násik District (excepting four táluknas), in Surat City, in Olpad and Chorísi villages within five miles of the Surat Oity walls, in the Jalalpur taluka and in the western portion of the Bardoli, Chikli, Bulsar and Mándvi tálukas; and by 4 annasoper gallon, of strength $25^{\circ}$ U. P., in Olpad and Chorasi villages beyond five miles from the Surut City walls, and in the whole of the Kolaba and Thanadistricts, except the Umbargaon Petha of the Thana District. They were also raised in the Native States of Bhadarwa and Dodka Mowhs (exclading the village of Anghad)-which are attached to the Kaira conntry spirit farm-from 12 anuas and $\mathrm{R}_{\mathrm{s}}$ 2-4-0, respectively, per gallon of strength $25^{\circ} \mathrm{U}$. P. to Rs. $2-4-0$ and Rs. 8-12-0, in order to assimilate the rates to those in the adjoining Baroda territory. 'The duty"on toddy spirit sold in the town and island of Bombay was raised by 2 annas per gallon, of atrength $25^{\circ} \mathrm{J}$. P. As regards the arrangements for the sale of raw toddy, the rates of tree tax were raised to Rs. 7 per cocoanut and brab, and to Rs. 4 per date and wild palu troe in the city of Surat, Chorasi taluka and in the Olpad villages within ten miles radius from Surat; to Rs. $5 \frac{1}{\frac{1}{2}}$ per cocoanut and brab, and Rs, $2 \stackrel{p}{2}$ per dute and wild palm, in the rest of the Olpad taluka, in the Jalalpur tiluka, and in 88 villages of the Bulsár taluka; to Me. $1 \ddagger$ per cocoanut and brab, and annas 12 per date and wild palm, in'the Bárdoli Taluka, and in the Mandvi taluka south of the Tapti; while in the Bulsartaluka, excepting the 33 villages, they were redaced to Rs, $4 \frac{1}{2}$ per cocoanut or brab; and Re. 1t per date or wild palm. The
tax on date trees tapped for domestic consumption by the Kaliparaj, or members of the nboriginal races, in the Bulsarr, Párdi, and Chikli tálukas was raised from annas 4 to annas 6 per tree. The maximum selling price for toddy was raised to 9 pies per 8 drams in the city of Surat, in the Chorasi, Olpad, and Jalálpur talukas, ond in the 33 villages of the Bulsár taluka, while in the rest of the Bulsar táluka it was reduced to 6 pies per 8 drams; the price in the Pardi taluka being retained at 8 pies per 8 drams, and that in the Bardoli and Chikli talukas, and the Mándvi villages south of the Tápti at 6 pies per 8 drams.

There was during the year under review only one brewery in existence, viz., the Dapari Brewery near Poona. No alterations were made in the arraugements for the sale of foreign liquor or intoxicating drugs.

In accordance with the terms of the agreement entered into in 1857," and with a view to the assimilation of the rates of duty with those imposed in the adjoining portion of the Surat District, the Baroda Government raised the still-head duty in the western portion of the Navsíri Mahal to Rs. 2, and on spirit supplied from the Surat distillery to the isolated villages of Variav and Gabheni to Rs. $2 \frac{1}{2}$ and Rs. 2t, respectively, per gallon of strength $25^{\circ} \mathrm{U}$. P. Otherwise no change took place in the arrangements with Native States.

The total realizations of the year are contrasted with those of the previous year in the following table:-


The realizations for the year exceeded those for $1890-91$ by Rs. 2,73,700.
The receipts from intoxicating drugs showed an increase of Rs. 2,625, which occurred principally in Dharwar, P'oona and Bijapur. The number of shops licensed for the sale of intosicating drugs in the several districts of the Presidency during the year under report was 645, as compared with 671 licensed in the preceding two jears. Two additional shops were opened in Bombay, one in Kaira and one in Thana. Nine shops were closed in Ahmedábád, 2 in Surat, 18 in Belgaum, 3 in Khándesh, and 3 in Bijapur. The decrease in Belgaum was due to the absence of demand for the drug owing to local depression.

The revenue from imported foreign liquors and Indian manufactared liquors excised at tariff rates, for the year under report, was less than that for the previous year by Rs. 4,437. The reccipts from duty on spirits of wine imported from the Uran distilleries, and from the Aska distillery in the Madras Presidency, declined to the extent of Rs. 13,146. In consequence of a rise in the price of German spirits, the importations in the preceding year were abnormal. The decrease was, however, made up to the amount of Rs. 9,364 , by increased receipts from excise duty on Indian manufactured malt liquors, on which a duty of one anna per gallon had been imposed from the lst January 1891. The number of hotels, refreshment rooms, and shops licensed for the sale of imported foreign liquors and Indian manufactured liquors excised at tariff rates, during the year under report, was 379, as compared with 382 licensed in the previous year.

The revenue from country liquor for the year under report exceeded that for the Revenue from Counpreceding year by Rs. $2,83,142$. The following table shows the receipts under each prin- try liquor. cipal iten included under the head "Country Liquor Revenue" for each of the two years ending 31st July 1892 :-


Tree tax on trees tapped for cale of toddy and its distillation
Revenue from Toddy aloxe,
Tree tax on toddy trees tapped for sale of raw toddy only License fees forsale of toddy
 account of tree tax …
Farms for use of toddy trees on Government land
Total
Grand Total


The causes of the increase in the receipts from still-head duty on country spirits are explained in detail further on. "The decrease shown in the statement under "deficiency in minimum guaranteed revenue" was the result of the new system, under which the guaranteed amounts are fixed by the Commissioner. When the amounts were fixed by competition, the farmers were apt to guarantee a revenue rather above that justified by the normal consumption of the districts, and the result was that considerablo sums were paid to make up the deficiency in the still-head duty on the actual sales. In the Khándesh and Ratnágiri districts and the coast talukas of the Kanara District, the old aystem was still in force, and in other districts, notably in those of Belgaum and Satara, the sales fell short, for various reasons, of the Commissioner's estimate; and payments had to be made under this head' but to a very much less extent than formerly., The increase of Rs. 2,000 under the head "farms for the manufacture and sale of spirits" was the result of a better bid obtained for the farms of the outlying tálukas of the Panch Mahals, and the increase of Rs. 10,746, under the head "tree tax on trees tapped for extraction of toddy for distillation," was due to the arrangements made by farmers in the Ratnagiri District for the tapping of trees and manufacture and sale of spirits being better than in the preceding year, when the still-head duty system had just been introduced, and was little understood. "The incrense of Rs. 21,912, under the head "tree tax on trees tapped for the sale of toddy and its distillation," was ex${ }^{2}$ plained by the fact that the number of trees tapped in Bombay rose from 17,998 to 19,828. Of this number, 14,160 were cocoanut trees tapped for distillation. In 1889-90 a rush for licenseq caused 15,911 cocoanut trees to be tapped, with the result of a fall in the price of toddy spirit and large uncleared stocks at the close of the jear. In 1890-91, a re-action unduly lowered the number of trees tapped to 12,465 , causing a rise in the price of toddy spirit and low stocks at the close of the year. These conditions stimulated the demand for trees, and, as noticed above, 1,705 more cocoanut trees were taken for tapping than in the previous year. The other causes of variations in the toddy receipts are discussid further on.
evebue on country aquor by district.

In the following table the country liquor revenne of each district of the Presidency for the year under report is contrasted with that of the preceding year:-


Chap. $V$. FTNANOLAL REVIEW

The variations of the country spirit revenue daring the year were unaffected by competition. In some districts the rise in the still-head duty and maximum selling price, and in others the existence of scarcity, bordering upon famine, were the chief causes of increase or decrease. As a rule, the Commissioner's estimate of the normal consumption of a district was considerably below the anount which the farmers formerly tendered, but in some districts the enhanced rates justified the anticipation of an increased revenue, even with the chance of a diminished consumption. This accounted for the increased revenue from Surat, Násik, Kolába, and I'hána. In Bombay the iucrease of revenue was due to increased consumption of mowra spirit, there being a decline in the consumption of toddy spirit. The decrease in the revenue in Ahmedábad was due to the fact that duty. was recovered in the preceding year on the unsold stocks of the farm of 1889-90, which were made over to the farmer for sale in 1890-91. In Broach the payments were in excess of the minimum fixed, while in Kaira the farmer had to pay a deficiency of Rs. 2,480-4-0. In the Panch . Maháls the revenue was better by Rs. 4,682. In Khándesh, Ahmednagar, Poona, Sátára, and Belganm the guaranteed revenue was the same as in the preceding year. In Khandesh, Sátira, and Belgaum, the farmers' sales fell short of the estimated consumption, and they paid Rs. 40,574 , Rs. 10,430 , and Rs. 49,880, respectively, as deficiency. In Poona the payments were up to the guarantee, while in Ahmednagar they were in excess of it by Rs. 15,242 . In Sholapur, where the guaranteed minimum revenue was reduced from Rs. $1,20,000$ to Rs. $1,03,125$, the realizations were in excess of the guarantee by Rs. 12,909 . The guaranteed amounts for Dharwar, Bijapur, and the above-ghat talukas of Kanara were, respectively, Rs. $\mathbf{3 , 1 5 , 0 0 0}$, Rs. 87,500 , and Rs. $1,10,000$. But the sales in these districts, having been affected by scarcity, duty was recovered only on the actual quantities of spirit drawn by the farmers, deficiency in the payments on account of revenue guaranteed being remitted. The farms of the coast talukas of Kánara, which were sold by auction, realized Rs. 9,600 , as compared with Rs. 12,545 in the preceding year. The duty on the actual issues was Rs. 8,706, as against Rs. 8,725 in the previous year, and the payments on account of deficiencies Rs. 1,355, as compared with Rs. 3,820 . In Ratnagiri the sale of the farms realized Rs. 52,525 , as compared with Rs. 44,044 in the preceding year, and the tax on trees tapped for the extraction of toddy for distillation amounted to Rs. 60,822 , as against Rs. 43,566 in 1890-91. The increased receipts were due to the system being better understood and managed.

The following statement shows the total consumption of country spirits in each dis- Consumption of trict during the year 1890-91 and 1891-92. For purposes of comparison, the quantities coantry liquor. are given in gallons of strength $25^{\circ} \mathrm{U}$. P. :-

| Dietricte. |  |  |  |  |  | 1880.01. | 1801.09. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Gallons, | Gallons. |  |
| Bombay ... | ... | ... | ... | ... | $\cdots$ | 5,64,190 | 6,60,852 |  |
| Ahmedáduad ... | ... | ... | .." | ... | $\cdots$ | 57,568 | 57,956 |  |
| Kaira ... | ... | ... | . | ... | . | 15,133 | 13,097 |  |
| Panch Mabala | ... | ... | ... | ... | ... | 69,953 | 78,003 |  |
| Broach 1.p. | ... | ... | ... | ... | ... | 70,354 | 65,916 |  |
| Surat ... | ... | ... | ... | ... | $\ldots$ | 3,15,745 | 3,00,683 |  |
| Thúna | ... | ... | ... | -.. | $\cdots$ | 3,99,088 | 4,01,621 |  |
| Nanik ... | ... | ... | ... | ... | ... | 74,229 | 72,550 |  |
| Khandesh .- | ... | ... | ... | ... | ... | 3,08,519 | 2,83,808 |  |
| Ahmednagar... | - | .... | $\ldots$ | ... | ... | 26,352 | 26,543 |  |
| Poons | ... | ... | ... | ... | $\cdots$ | 1,30,730 | 1,41,878 |  |
| Sholápur | ... | ... | ... | ... | ... | 32,681 | 33,477 |  |
| Sátára ... | ** | $\cdots$ | $\cdots$ | ... | $\cdots$ | 19,770 | 21,763 |  |
| Belganm ... | ... | ... | ... | ... | ... | 62,922 | 55,468 |  |
| Dhárwar | ... | ... | ... | ... | $\ldots$ | 8:3,247 | 68,169 |  |
| Bijápur | ... | ... | - | ... | ... | 24,679 | 18,790 |  |
| Kanars | ... | -.. | ... | ... | ... | 49,404 | 49,615 |  |
| Ratnagiri ... | ... | ... | ... | ... | ... | 62,055 | 79,450 |  |
| Kolába ... | ... |  | ... | ... | ... | 1,29,530 | 1,97,769 |  |
| Total -... |  |  |  |  |  | *26,25,749 | 24,57,468 |  |


 ece for Native Station.
The consumption in Ahmedábád, Panch Mahále, Thána, Ahmednagar, Poona, Sholápur, Sátára, Kánara, and Ratnágiri increased, while that in Bombay, Kaira, Broach, Surat, Nâsik, Khándesh, Belgaum, Dhárwár, Bijápur, and Kolába decreased. The increase in Ahmeđábád, Ahmednagar, and Kanara was trifling, and the decrease in Dhárwár and Bijapur was, as stated ahove, due to the scarcity prevailing in those districts; but for which the consumption in Kánara would probably have largely increased. The decreased consumption of spirits in Bombay was due to the fact, that the toddy spirit placed on sale during the year was 28,776 gallons less than in the preceding year. This led to an increased consumption of 25,438 gallons of mowre spirit, and to a net decrease in consumption of 3,838 gallons. At the beginning of the year, as 1,705 additional cocoanut trees were licensed, an increase of toddy spirit was expected. The fact that the expected increase turned into a decrease was due

Chap. 7. FINANCIAL EBYL

Shopuliconsed for the ande of country spirit.

Revenue from raw toddy.

Number of trees tappod.
chiefly to the small yield per tree of 81.5 gallons of toddy, and 12.5 gallons of mpirit of $25{ }^{5}$ U. P. strength. Other minor causes which contributed to the deficiency of supply of todily spirit to the public were (a) the increase of duty by 2 annas per gallon, and (b) the removal for consumption in Thana of 5,672 gallons, resulting in a rise in the price of the spirit. The decrease in Surat, Nasik, and Kolaba was the result of the increase in duty and retail prices, That in Kaira was said to be due to fower marriages among the low-caste people, and in Broach, to a smaller supply of the weaker spirit being available for consumption. The decline in Khandesh was said to be due to the poornens of the cotton crop and the rise in the price of food-grains, owing to their export to the tracts affected by scarcity; and the latter cause, coupled with the proference of the poorer clases for toddy, and of the better clavury for foreign wines and spirits, may also be axsigned for the falling off in Belgaum. The large incroase in Poona was confined to the city and cantonment, and, as there was a large, decrease of 16,608 gallons in the preceding year, the consumption was more approximate to that of 1889-90. The large increase in the Panch Mahals was attributable to a satisfactory season, and the importation of labourers in connection with the railway construction opera. tions, and that in hatnigiri to a more ardequate supply of spirits than in the previous year, when the still-hend duty system had been but newly introduced. The small increase in Sholonpur was due to natural fluctuations: the increase in Sátára left the consumption, which fell of in 1890-91, when the rate was raised, still below that of 1888-89. In the Thina District the soles of toddy spirit declined considerably, while that of mowrs increased. On the whole, howevor, there was an increase.

The number of shops licensed for the sale of country spirits in the several districts of the Presidency during the year undor report was 2,633 , as compared with 2,656 in the preceding year, exhibiting a decrease of 23 shops. Thore were some variations in the number liconsed in different districts. Shops that were not absolutely necessary were closed, and three additional shops opened, after steps had been taken to ascertain the wishes of the inhabitants of the locality.

There was a net increase of Rs. 18,782 for the year under review in the revenue from -raw toddy alone. There wasan increase of Rs. 2,291 in Broach, of Rs. 26,166 in Surat, of Ks. 7,000 in Sholapur, of Rs. 10,449 in Belgaum, of Rs. 12,865 in Dharwar, and of Ras. 6,861 in Ratnagiri, while there was a decrease of Rs. 5,948 in Thána, of Rs. 4,136 in Poona, and of Rs. 38,360 in Bijapur. The fuctuations in the other districts were trifling. The causes which led to the increase in the Surat and Ratnikiri districts have already been stated above to be due, in the former district, to the raising of the rates of tree tax, and in the latter to the better arrangements for the tapping of trees for distillation. The increase in Sholapur was due to a better price having been ronlized at the sale of the farm. The increase both in Belgaum and Dharwar was the result of higher bids for toddy shops, the number of trees licensed to be tapped and the tree tax realized being, in both districts, less than those in the preceding year. The decrease in Thina occurred both in the amount of tree tax realized, and in the license fee recovered. In Poona the decrease occurred solely in receipts from license fees; the number of trees tapped and the tree tax recoverod were greater than in the previous year. The falling off in Bijapur was, as stated above, due to the provalence of scarcity in the district. The realizations during the year represented for the most part the actual tree-tax collections, the guaranteed revenue having been reduced by Rse 40,000 on account of the bad season.

Of the subjoined statements, the first shows the number of trees tapped in each district of the Presidency during the year under report and in the preceding year, and the second the number of toddy licenses of all sorts issued :-

| Dlaticter. |  |  | 1890.91. |  |  | 1801-9\%, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Ocosanut. | - Drabo | Dinte and wild palir. | Coconnal. | Brab. |  |
| Bombay ... | .-. | $\cdots$ | 12,455 | 836 | 4,007 | 14,100 | 708 |  |
| Ahmoditad ... | ... | ... | ...... | 38 | 448 | ..... | ...... | 480 |
|  | $\ldots$ | - | $\cdots$ | .1. | 14 | ...... | ...... | 14 |
| Brouch ... | ... | - | ....... | 1,710 | 806 | ..... | 270 | ...... |
| Sarat | . | $\ldots$ | ...... | 1,474 | 1,22,036 | .....'. | 2,435 | ${ }^{350}$ |
| Thane ... | .. | ... | 365 | 6,900 | 9.967 | ${ }^{\text {-...18 }}$ | 6,821 | 1,13,829 |
| Nasmik ... | ... | -. | ...... | .... | 900 | .....'. | ..... | 0,381. |
| Khandenh ... | ... | .. | ...... | ...... |  | , | ....... | ${ }^{5} 5$ |
| Ahmodnagar ... | ... | ... |  | ...... |  |  | ....... | 1,918 |
| Prona . $\because$. | $\cdots$ | ... | 42 | ...... | e, 010 20,180 | 68 | ....... | 6,791 |
|  | $\ldots$ | $\cdots$ | 8 | ....... | 20,180 | ...... | …... | 10,803 |
| Belgram ... | .... | .- | ...... ${ }^{\text {b }}$ |  | 27.763 | ....... | ...... | 14 |
| Dharwar ... | ... | $\ldots$ | ...... | ...... | 37,056 | ....... | ....... | 20,489 |
| Bijapar ... | ... | ... | $\cdots$ | *...0 | 68.740 | . $\quad . .1$ | ....... | 31,304 |
| Kanars $\quad$-0 | .. | ... | 7,403 | ...0. | 4,164 | 7,251 | ...... | 70,1119 |
| RatnAgiri Tolabe ... ar | .. | ... | 17,517 |  | 149 | 20,833 | $\cdots \cdots$ | 4,176 |
| Eolabe ... | ... | ... | 602 | 1,257 | 2,419 | 542 | 1.301 | 2,508 |
| - | Total | $\cdots$ | 38,407 | 12,109 | 8,08,142 | 48,202 | 12,400 | 2,92,749 |



In addition to the foregoing, 50 licenses were issued in Bombay, and 11 licenses in the city of Surat for hawking toddy during the year under report. The trees shown opposite Bombny, Kanara, and Ratnágiri include trees tapped for toddy for distillation. The quantity of toddy brought to the distilleries for the manufacture of spirit, and the quantity of toddy spirit (in gallons of strength $25^{\circ}$ U. P.) manufactured therefrom in the districts referred to, in each of the two years, are shown in the following table:-

|  |  |  |  | Toddy dintilled. |  | Spirit manutactured. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1890.91. | 1801.02. | 1880-91. .. | 1891-92. |
|  |  | - |  | Gallons | Gallons. | Gallons. | Gallons, |
| Bonbay Kanars | $\cdots$ | $\cdots$ | $\cdots$ | $8,22,703$ 108988 | $7,65,885$ <br> 175606 | 1,29,049 | 1,15,703 |
| Ratuagirl | $\cdots$ | ** | $\cdots$ | 4,71,945 | $1,75,606$ $6,22,859$ | 21,189 64,595 | -28,153 |

The quantity of toddy spirit manufactured in Bombay during the year under report was less, while that manufactured in Ratnágiri was more, than that in the preceding year, the quantity manufactured in Kanara being almost the same. The reasons for the decreased manufacture in Bombay, and the increased manufacture in Ratnagiri have been explained above. The toddy distilled was drawn almost wholly from cocoanut and brab trees. The fluctuations in the number of date and wild palm trees tapped for raw toddy were unimportant in districts other than Surat, Dhárwár, and Bijápur. In Surat the decrease was due, as stated above, to the increase in the rates of tree tax and selling prices, while in Dhárwar it was due to the scarcity prevailing in the district. In Bijapur, though the total number of trees tapped during the year under report was larger than in the preceding year, the yield per tree was less, in consequence of the scanty fall of rain. The large increase in the domestic consumption licenses issued in Surat was confined chiefly to those issued to the Káliparaj.

The average incidence of abkari taxation per head of population according to the cen- Incidence of abkari sus of 1891 for the whole Presidency for the year under report was 8 annas and 1 pie taxation. against 7 annas 10 pies in the preceding year.

The total expenditure of the Excise Department, during the year ander report, amounted to Rs. 3,22,793, against Rs. 3,25,914 in 1890-91. The amount of annual compensation paid to the Municipality of Bombay for the loss of revenue formerly accruing from the sale of shop licenses, to the Chiefs in the Konken, Deccan, and Soathern Marsitha Country, in the Rewa Kántha, Mahi Kántha, and Khandesh Agencies, and to the Navab of Cambay was Re. 3,76,457. Owing to the fact that the expenditure of the abkari and opium departments is debited to one head of account, the amount of actual expenditure pertaining to each cannot be accurately stated.

## Sind.

The general arrangements existing at the close of the year $1890-91$ for the supply and General sale of country liquor continued daring the year 1891-92. Some slight changes were made in the license forms. The rule making double fees leviable when retail licenses were given to distillers was rescinded; the storing of liquor in copper vessels was prohibited; a new clause was inserted in the hotel licenses with a view to restrict the sale of liquor to the residents
of hotels; and a provision was also, at the request of the military authorities, inserted in the license forms prohibiting the sale of liquor to non-commissioned officers in uniform. No liquor was manufactured of strength between $12^{\circ}$ and $22^{\circ} \mathrm{U}$. P. The ratcs of still-head duty on country liquor were Rs. 8 and EAs. 4 per gallon on weak and strong liquor, respectively, except in the Thar and Parkar District, where they were Rs. 2-13 and Rs. 3-13 per gnillen. Under an arrangement introduced during the year, distillers were permitted to pay the stillhead duty at any Huzúr or Sub-treasury, instead of at the Hyderabad Huzar treasury.

The gross ábkéri rovenue for the several districts of the Province of Sind during the year under report, as compared with the previous year, is given in the subjoined state-ment:-


The increase of Re. 57,809 was composed largely of increased realizations under stillhead duty, which amounted to about 75 per cent. of the total abkari revenue. The realizations in the Upper Sind Frontier District showed no improvement as compared with the receipts in the previous year, when there was a considorable decrease. The reduced consumption of liquor in that district was due to the people having suffered great losses owing to the repeated destruction of their crops by locusts. The numbers of licenses for country and foreign liquor issued were, respectively, 297 and 96 , against 308 and 95 in 1890-91, and the amount of fees realized on both together was $\mathrm{R}_{\mathrm{s}} .38,489$, against Rs. 44,651 in the previous year. The fees on licenses given out for the manufacture of country liquor were Rs. 3,497, against Rs. 3,517 in 1890-91. No change was made in the scale of fees either for country or foreign liquor. Toddy was produced only in the Karachi District, and to a linnited extent. The right of drawing and selling toddy was farmed for Rs. 638 , as against Rs. 632 in the previous year, and 9 shops were allowed to be opened during the year. The revenue from intoxicating drugs other than.opium or preparations of opium wns Rs. 1,41,635, against Rss. 1,36,510 in 1890-91. The incidence of taxation per head of population (according to the census of 1891) during the year under report was 4 annas 2 pies, aguinst 8 annas 8 pies in 1890-91.

The expenditure connected with the $A$ blkari Department during the year under report was Rs. 18,546, against Rs. 12,910 in the preceding year.

## Aden.

The gross receipts from import duty on foreign and country liquor, together with warehouse rent, \&c., during the year under report amounted to $\mathrm{R}_{\mathrm{s}} .88,858$, against $\mathrm{R}_{\mathrm{s} .} 85,005$ in the previous year. The expenditure, devoted solely to the payment of establishment, was Rs. 6,444 , against Rs. 6,164 in the previous year. One license was issued for the sale of country liquor for a period of three years. . It was sold for Rs. 7,000. It realized for the year under report Rs. 2,422.

## Stamps.

Revenne and expenditure.

The receipts under the Indian Stamp Act and the Couit-feess Act amounted to $\mathrm{R}_{\mathrm{g}} .54,55,853$ against $\mathrm{Rs}_{\mathrm{s}}$. $58,56,068$ in the previous year, ahowing an increase of $\mathrm{Re}_{\mathrm{g}}, 99,787$, or 1.8 per cent. Taken separately, the gross receipts under the Indian Stamp Act amounted to Rs. $24,11,833$ and under the Court-fees Act to Re. $80,44,020$, being an increase in the former of Rs. 35,104 and under the latter of Rs. 64,883. The charges under the Indian Stamp Act amounted to Rs. $1,15,339$, or Rs. 8,149 more than in the provious year. The clarges under the Court-fees Act amounted to $\mathrm{Rs}_{\mathrm{s}}, 1,35,323$, or Re. 3,658 more than in $1890-91$, the percentages being 4.7 in the former and $4 \cdot 4$ in the latter.

Rs. 69,687 were realized under the head of foreign bill stamps, being an increase of Re, 5,876 as compared with the previous year. Under the head of India revenue stamps there was an increase of Re. 8,811 as compared with the previous year, the actual realizations dnring the year being Rs. $1,93,627$ against Rs. $1,84,816$ during $1890-91$. A sum of $R_{s} .38,694$ was realized on account of stamping skeleton forms, which, compared with that of the previous year, showed an increase of Rs. 506." The revenue derived from share transfer stamps was Rs. 83,407 , or Rs. 6,513 more than in the preceding year. Rs. $2,80,841$ were realized under the head of bills of exchange inclading hundis, being a decrease of 'Rs. 10,353 as compared with the previous year. The revenue derived from the sale of other stamps (stamped papers and impressed labels) amounted to Rs. 18,27,052, showing an increase of Re, $29,788$.

The reccipts on account of impressed and adhesive Court-fee stamps amounted to Rs. $30,35,000$, shoving an increase of Rs. 63,248 . Rs. 8,821 were received on account of Courtfees in pauper suits; and Rs. 199 on account of miscellaneous receipts. Stamp duty and penalties realized by Collectors on unstamped and insufficiently stamped documents amounted to Rs. 3,968 and Rs. 3,570 respectively, and by Civil Courts to Rs. 913 and Rs. 8,853. The adjudication fees under section 30 of the Indian Stamp Act amounted to Rs. 492-8-0 against Rs. 456-8-0 in the previous ycar ; Rs. 470 were realized in Bombay on 94 documents presented for adjudication against 85 in the year 1990-91. Other miscellaneous receipts under the Indian Stamp Act amounted to Rs. 650 against Rs. 4,986 , or Rs. 4,386 less than in the previous year. The decrease was chiefly owing to there having been no receipts on account of composition of stamp. duty on Port Trust debentures, which in the previous year amounted to Rs. 4,114-8-0.

The total charges amounted to Rs. 2,50,663, being an increase of Rs. 11,808 as compared Charges and with the precoding year, or 4.9 per cent., chiefly due to greater refunds. Refunds made by order refunds. of Civil Courts amounted to Rs. 62,657 against Rs. 62,026, and by Collectors to Rs. 28,080 against Rs, 22,278 in the previous year.

## Income Tax.

The following table shows the financial results of the income tax in 1891-92, as com- Financial result. pared with the previous ycar:-

|  | Origlas demand. |  | Final demand (lnol uning penaltion and arroara). |  | Collections (Including paualtios and arreas). |  | Incldence par head of tax. - payers. |  | Expenditure. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1890.91. | 1801-82. | 1800-01. | 1801.92. | 1890.01. | 1891-02: | 1800.01. | 1891-92 | 1800-91. | 1801.92. |
|  | Rs, | Rs, | Re. | Re. | R4. | Rs. | Rs, | Rs, | R. | RH, |
| Northern Diviston | 4,21,960 | 4.36.572 | 4,12,099 | 4.14,879 | 4.04,889 | 4,05,194 | 25 | 28 |  | 2,173 |
| Contral Diviaion ... | 3,38, 03 | 8,92.131 | 8,65,4:4 | 3,74,007 | 3,69,120 | 3,06,487 | - 29 | $2{ }^{20}$ | 4, 107 | 6,17\% |
| Southern Diviaion -.. | 2,03,817 | 1,98, 150 | 1,91,206 | 1,03,400 | 1,93,008 | 1,91,835 | 21 | 21 |  | , 295 |
| 81 8ind Adinn | $2,67,166$ 97,769 | 2,88,0199 | 2,86,931 | 2,78.9378 | 2,53,200 | $2,74,503$ 80,238 | 29 45 | $\frac{99}{40}$ | 1,460 883 | 1,391 |
| Sombay city $\quad \cdots \quad \cdots$ | 18,60,172 | 29,06,160 | 18,86,642 | 10,07,438 | 17,97,076 | 18, 10,301 | 72 | 71 | 41,686 | 42,020 |
| and (iij) intercent on | 8,08,421 | 8,09,062 | 8,03,421 | 5,03,959 | B,08,421 | 8,03,962 | $\ldots$ | $\ldots$ | … | $\ldots$ |
| Total ... | 30,00,001 | 37,00,378 | 38,00,970 | 37,08,297 | 84,80,879 | 85,91,074 | ** | $\pm$ | 60,717 | 81,113 |

There was an increase in the income-tax collections for all parts of the Presidency, with the exception of the Southern Division. The decreaso here was due, in part to a re-duction in the number of railway employés at Dharwár, and the absence of several on leave, and partly to a general depression in trade, which affected all districts of this division, except Belgaum, where there was an insignificant increase, and Kolaba, where there was an increase of Rs. 1,597, of which Rs. 1,474 were due to the transfer of the Karjat Taluka from Thána to this district, and were, of course, counterbalanced by a corresponding decrease in the Northern Division. The slight increase in the collections of the Northern Division calls for no remark; the steady increase in the Central Division was ascribed, partly to the gradual development of trade, and partly to greater accuracy on the part of assessing otticers. The same causes were responsible for the general increase in Sind, though the failure of certain firms in Jacobábad caused a slight decrease there. The considerable increase in Bombay City was due partly to the increased profits of the Railway Companies, partly to the new issue by the Bombay Municipality of the balance of the loan on account of the Thnsa water works, and to the interest on certain Port Trust debentures falling due for the first time during the year, and partly to more accurate assessment ; the latter cause was responsible too for the increase of collections at Aden.

## Local Funds.

The following statement exhibits the receipts of the Incorporated Local Funds in the year 1891-92, as compared with those realized in the year 1890-91:-

Incorporated Local Funds: Receipts.


The net increase, shown against Fond I, was chiefly caused by an increaso of Rs. 74,380 under "Provincial Rates", due chietly to the postponemont of the cullection of rates and cessee to 1891-92, on account of the census; by an increase of Rs. 30,480 under "Miscellanenus", dne to an increase in popular and municipal contributions towards Lncal Fund works ; of Re. 13,620 undor "Civil Works", due largely to increased receipts on account of tolls, and, in a minor degree, to additional salo-proceeds of read-side trces ; of Rs. 2,21,920 under "Contributions from Provincial to Local "for the following purposes:-(i) Rs. 50,770 for educational purpones consisting chiefly of the erection of school buildings, (ii) Rs. 74,520 for the construction of roads, and (iii) Rs. 96,310 due to additional grants on account of village sanitation; by an increase of Rs. 10,820 under "Tranafers between Local and Local", chiefly due to increased fishery receipte in Sind. There was, however, a decrease of Rs. 16,000 under "Land Revenue", owing to a falling off in land and stone-quarry receipts, and of Re. 75,840 under the "Assigned Revenue", heads, due to a decrease in cattle pound, fishory, and ferry receipts. The net decrease under Fund II was due to decreased receipts from tho one-anna cess on Government lands. The increase under Fund III was owing to an improvement in the amount of fees for the inspection of boilers and prime-movers. The enhanced receipts under Fund IV were due to additional sale-proceeds on account of books and publications having been realized during the year.
Chargea.

Excludod Local
Funda:
Receipts.

In the following table the charges on account of the Incorporated Local Funds in 1831-92 are compared with those of 1890-91:-


The increase shown against Fund I was the result of an increase of Rs. 33,620, due to increased erpenditure incorred in connection with primary sehools, to the entertainment of an additional establishment for the Female Training College, Hyderabad, and to the grant of alditional scholarships for middle and special schools ; there was also an increase of Re. 8,950 under "Printing at Private Presses", due to Local Boards having been allowed to make arrangements to have printing work done at private presees ; of Re, 87,050 under "Civil Works", on account of extra works having been opened by Local Boards for the relief of famine-stricken people ; of $\mathrm{Hs} .2,34,080$, on account of local works executed by Public Works Agency in connection with famine relief; of Rs, $1,45,840$. due almost entirely to the payment of contributions, by the Local Boards of Hyderabad and Thar and Parkar, towarda tha construction of the Hyderabided-Umarkot Railway, and partly due to increased expenditure on account of vaccinatore establishments ; and there way also an increase of Re. 6, 140 under "Transfers between Local and Local," owing to the transfer of the Karjat Táluka from Thana to Kolába. On the other hand, there was a decrease of Rs, 17,850 under "Medical", owing to a grant to the Female Training' College, Hyderabid, in 1890-91, and to the Ealaries of vaccination establishments having been made payable in the first instance from Provincial Revenues ; there was also a decrease of Rs. 75,840, owing to a falling off of fishery receipts in Sind. The increase shown against Fund II was due to the entertainment of additional establisluments during the year on account of the Sebwan Táluka, (Karachi), to which the Village Officers' Cess Act was extended during the year 1890-91. The decreaso noted against Fund III was oceasioned by the repayment, in $1890-91$; of the sum of Rs. 28,510 , advanced by Government to the fund in order to meet its lisbilities. The increase showu against Fand IV was due to increased expenditure on baoks and pablications during 1891-92.

In the following statement the receipts from Excluded Local Funds in 1891-92 are compared with those realized in 1890-91 :-

| Funds, |  | Receipte In 160WW1. | Recroipta in 1811.42 | $\begin{aligned} & \text { Inorover or ducroace } \\ & \text { in } 15 y 1012 . \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Ra. | Rs. | Res. |
| 1.-Cantonment Funds | ... | 2,73,550 | 2,71,630 | -1,920 |
| II.-Police Fnnds. ... ... | ... | 1,24,910 | 88,150 | $-39,760$ |
| III.-Port and Marine Funds ... | ... | 4,37,280 | 3,66,640 | -70,680 |
| IV.-Edncational Fuods | ... | 1,9:,010 | 48,170 | -1,48,840 |
| V.-Medical and Charitable Funds | ... | 2,77,350 | 2,86,510 | -20,8.40 |
| VIL.-Other Funds | $\cdots$ | $2,58,240$ $10,22,600$ | 18, $\because \ldots \ldots$ | $-2,54,240$ $+8,41,700$ |
|  |  | 25,88,780 | 28,90,205 | +3,01,420 |

The decrease shown against Fund I was insignificant and calls for no remark. The deerease entered against Fond II was due to the Mounted Police Fund Accounts having been

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brought on the books of the Account Office in 1890-91, so that the reccipts for that year included the balances at the credit of the funds, whereas the receipts for 1891-92 did not include such balances. The decrease shown agrainst Fund III was owing to the fact that no notes at the crodit of the fund were sold during the year 1891-92, wherens Government Promissory Notes to the extent of one likh, at the credit of the fund, were sold in the previous year and the saleproceeds credited to the fund. The decrease entered against Fund IV was due to the transfer of the Kinthiawír Fiducational Local Funds from "Educational" to other funds, in consequence of which no receipts on account of the Káthiáwár Funds were credited during the past year under the head "Educational Funds." The decrease shown against Fund V was similarly due to the transfer of the Káthiawar Modical Funds from the head "Medical and Charitable Funds" to "Other Funds." There were no receipts under Fund VI, the "General Public Works Funds," which was the only fund included under the head "Public. Works Funds" in the year 1490-91, having. been transferred, from the 1st of April 1891, to the head "Other Funds." The increase in receipts shown against Fund VII was due to the transfer to this head of the Káthií wár Funds, referred to above.

In the following statement the expenditure from Excluded Local Funds in 1891-92 is Charges. compared with that in 1890-91:-


The decrease, shown against Fund I, was due to the payment by the Poona Cantonment Committce, in 1890-91, of debentures issued for the construction of the Connaught Market, and to the cost of the construction of the Belgaum Cantonment, Market, in the same, year. The decrease under Fund li was caused by investments of portions of the balances of the Ahmedábád and IBijapur Mounted Police Funds in Government Promissory Notes, in 1890-91, and to the purchase from the Khíndesh Mounted Police Fund of saddlery and horses, to the extent of Rs. 4,000 , in the same year. The increase shown against Port and Marine Funds.No. III was due to the investment of portions of the balances of the Northern and Southern Groups of the Port Funds in Government Promissory Notes, during the year, to the expenditure of a considerable sum from the Northern Group Port Funds on public works; to the expenditure out of the Indus Conservancy Fund of a large sum on repairs, and to dredging operations, undertaken by the Aden Port Trust during the same year. The decrease in the case of Fund V was due to smaller investments of surplus balances in Government Promissory Notes from the Scholarship and Prize Funds, and to the fact of the Káthiáwar Educational Funds baving been transferred to the head "Other Funds," from the lst of April 1891. The decrease shown against Fund V was due to less expenditure having been incurred during the past year on account of dispensaries in the Ahmednagar, Kanara, Kaira, and Poona distriets, and to the transfer of the Káthiáwár Medical Funds to the head "Other Funds" during the year. The decrease noted against Fund VI was due to the transfer of the Kithiáwar Public Works Funds to the head "Other Funds," from the 1st of April 1891. The increase shown against Fund VII was due to the transfer of the Káthiawar Educational, Medical, and Public Works Funds to this head.

## Municipal Revenues.

A notice of the income and expenditure of municipalities is included in the general review of the administration of those bodies in Chapter III.

## CHAPTER VI.-VITAL STATISTICS AND MEDICAL SERVICES.

## Population.

Population.
The census, taken on the night of the 20th February 1801, showed that the population, including Europenan and Eurasians, was as below :-

| Datricta, | No. | Collootoration. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Nale. | Fomalo. | Permon. |
| Weatern Registration Dintrict |  | Khandesh |  |  |  |  |
|  | 2 | Naslk |  | 432, 318 | 411,244 | 3,430,8it |
|  | 8 | Thana $\ldots$.. $\ldots$...... | . | 471,649 | 433,109 | 904, Mix |
|  | 4 | C'ity of Bombay ... | $\cdots$ | 618,098 | 303,1971 | 821,764 |
|  | 5 | Kolabe ... ... ... | ... | 2056,004 | ca, 5.0 | 500,584 |
| $1{ }^{\prime}$. | 6 | Ahtnelnagar ... $\quad$.. |  | 451,893 | 488,930 | 888,785 |
|  | 7 | Prona ... ... ... |  | 646,4194 | 629,3106 | 1. $1 \times 47$, $\times 416$ |
| Contral do. do. | 8 | Sholinpar ... ... | .. | 381,400 | 3410,248 | 750,649 |
|  | ${ }^{9}$ | Entara ... $\quad .$. |  | 013,852 | 012,137 | 1,225,049 |
| ( | 10 | Ratnagiri ... ... | ... | 813,010 | 60,310 | 1,100,026 |
|  | 11 | Belgaum ... ... | $\cdots$ | 611,888 | 601,376 | 1,013,201 |
|  | 12 | Dharwár ... ... | $\ldots$ | 5288,071 | 53.3 .243 | 1,051,314 |
| Southern do. do. ${ }^{\text {d. }}$, | 13 | Bijhpur... .... ... | $\cdots$ | 308, 104 | 398, 238 | 746.339 |
|  | 14 | Kanara... ... ... | ... | 234,350 | 211,005 | 440,351 |
|  | 15 | Surat ... |  | 821,626 | 329.864 | 645,989 |
|  | 10 | Broach ... ... .. | ... | 174,1034 | 1160.6 .6 | 311,490 |
| Oajarat do. do. ... | 17 | Kaira ... ${ }^{\text {Pab }}$... | $\cdots$ | 440,010 | 410,079 | 671,589 |
|  | 18 |  |  | 102,101 473,063 | 161.316 $448,1: 4$ | 318,417 $0.1,712$ |
|  |  | Karachi .. |  | 813,153 |  |  |
| do. | 21 | Hydorabad ... ... | ... | 600,068 | 414;578 | 918, 646 |
|  | 22 | Thar and Parkar $\quad .$. | .... | 1145, | 182,978 | 208, 203 |
|  | 28 | Shikarpur $\quad .$. | $\cdots$ | 408,872 | $421 . \mathrm{H} .5$ | 915,497. |
|  | 24 | Upper Bind Frontior... | ... | 96,273 | 78,275 | 174,648 |

Abstract.

| Wentern Registration |  | Distriot | ** | ... | ... |  | 2,423,011 <br> 2,506,187 | 2,117, 338 | 4,510,649 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Central | do. | do. | ... | ... | $\cdots$ |  |  |  |  |
| Southern | do. | do. |  | ... | ... |  | 1,072,416 | 1,034,840 | 3,317, 268 |
| Gujarat | do. | do. | ... | ... | ... |  | 1, $1,022, \mathrm{HHO}$ | 1,505,334 | 3,0931,197 |
| Sind | do. | do. | , | - | ... |  | 1,618,650 | 3,303, $1 \times 14$ | 2,871,774 |
|  |  |  |  |  |  |  | 9,769,087 | 0,003,077 | 18,857,044 |

[^18]

| Disulcta． | No． | Colloctorsten | Etorianfid Porountor． |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Malce | Famaler | Pasmons． |
| Soathorn Registration District | 11 | Belgaum－．．．．．． | 610，301 | 501，062 | 1，011，453 |
|  | 19 | Dhirwar ．．．．．． | 627，032 | 522.901 | 1，050，533 |
|  | 13 | Bijıpur．．．．．． | 398，070 | 898，216 | 796，236 |
|  | 14 | Kanara ．． | 234，941 | 211，915 | 446，156 |
|  | 15 | Surat ．．．．．． | 321，641 | 828，283 | 649，824 |
| Gujur | 10 | Bronch ．．．．．． | 174，933 | －166，517 | 341，450 |
| Gujnrat do．do．．．． | 17 | Knira ${ }^{\text {arf }}$ ．．． | 400，666， | － $\begin{array}{r}160,963 \\ \hline 151308\end{array}$ | 871，529 |
| ， | 18 | Imanch Mahale．．．．．． | 16－073 | －151，308 | 319，381 |
|  | 19 | Ahmodabid ．．． | 472，077 | 447，951 | 920，928 |
|  | 20 | Karachi ．．．．．． | 310，341 | 260，679 | 561，013 |
|  | $\because 1$ | Hyderabid ．．．．．． | 409，553 | 418，495 | 918，048 |
| Sind ．do．do． | 22 | Thar and l＇árkar ．．． | 165，218 | 132，971 | 298，189 |
|  | $\stackrel{23}{4}$ | Bhikarpar ．．．．．． | 403，003 | 421，455 | 916，058 |
|  | $54 *$ | Uppor Bind Frontior．．． | 96，231 | 78，238 | 174，469 |

Abstract．

|  |  |  | Western Regiatration District ．．． |  |  |  | 2，409，930 | 2，111，366 | 4，531，296 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Contral | do． | do． | ．．． | －． | ．．． |  | 2，600，086 | 2，530，047 | 5，030，733 |
| Suuthern | do． | do． | ．．． | ．．． | $\ldots$ |  | 1，670，334 | 1，634，094 | 3，304，428 |
| qujarát | do． | do． | ．．． | ง．． | $\ldots$ |  | 1，602，090 | 1，505，023 | 3，097，112 |
| Sind | do． | do． | ．．． | ．．． |  |  | 1，564，946 | 1，301，831 | 2，866，777 |
|  |  |  |  |  | Prosi |  | 9，737，386 | 9，088，960． | 18，820，346 ${ }^{\text {² }}$ |

## Births and Deaths．

13
682,677 births were registered in 1891 against 641,115 ，in 1890 showing an increase of Number of births． 41,562 for the year．The ratio per $1,00 j$ of population was $36 \cdot 27$ against $38 \cdot 97$ in last year． The proportion of male to female children born was 108.10 to 100 ；last year it was 108.55 ． Out of every 100 births there were 51.95 males and 48.05 females，and for every 100 males there were $\theta \cdot 2.50$ females．The following table shows the number of births registered in each year from 1881 to 1891，their matios per 1,000 of population，and the proportion of males to females：－

| －Yearm | Population． |  |  |  | Ramo para 1，000 of l＇opulation． |  |  | In byeky 100 Bintjuctanim Whys |  | For every <br> 100 Nale <br> Birtlus the <br> Fenulea were． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Maler | Fomilon． | Children． | Males． | $\mathrm{Fec}_{\mathrm{malea}}$ | Childron． | Stalen． | Foo |  |
| 1881．．． | 16，454，414 | ：39，912 | 219，745 | 459，657 | 14－58 | $13 \cdot 35$ | 27.93 | 5219 | 47.81 | 91.59 |
| 1883．．． | 16，464，414 | 9055，927 | 235，419 | 491，346 | $15 \cdot 55$ | 14：31 | $29 \cdot 86$ | 5：200 | 47－91 | 91.98 |
| 1883．．． | 16，454，414 | 201，986 | 939，835 | 601，801 | $15 \cdot 92$ | 14.68 | $30 \cdot 50$ | 5：－20 | 47－00 | 91.55 |
| 1884 ．． | 113，454，414 | 978，083 | －255，737 | 634，7：3 | 16.96 | $15 \cdot 54$ | 32－50 | 52－17 | $47 \cdot 83$ | 91.67 |
| 1885．．．．．． | 16，464，414 | 298，400 | 274，025 | 572，431 | 18.14 | 16.65 | 34.79 | 52－13 | $47 \cdot 87$ | 91.83 |
| 18＊6．．． | 10，454，414 | 303.370 | 278，177 | 581.553 | 18.44 | 16.90 | $35 \cdot 34$ | 52．17 | ＋7．83 | $91 \cdot 69$ |
| 1857．．． | 16，454，414 | 327，500 | 300，693 | 628，193 | $19 \cdot 60$ | $18 \cdot 27$ | $38 \cdot 18$ | 62．13 | $47-87$ | $91 \cdot 51$ |
| 18xs．．． | 16，454，414 | 330，316 | 304，377 | 634，693 | 20．07 | 18：50 | $38 \cdot 57$ | 52.04 | 47－06 | 92－15 |
| 1849．．． | 16，454，4 M | 312，974 | 287， 815 | 600，489 | $19 \cdot 02$ | 17－47 | 36.49 | 52－12 | 47－88 | 91.87 |
| 1890．．． | 16，454，414 | 333，648 | 307，417 | 641，115 | 20.08 | 18．68 | 38．97 | 52－05 | 47－95 | 92－14 |
| Mean for 10 yoara． | 16，454，414 | 294，306 | 270，294 | 564，000 | 17.80 | 16.42 | 34－31 | 52－13 | 47：87 | 91－84 |
| 1891．．． | 18，820，346 | 364，030 | 328,047 | 682，677 | 18．54 | 17－43 | 36.27 | 51.05 | 48．05 | 92．50 |

Taking the statistics of each registration district it appears that the number＇of births Births by distrietse recorded in each district in 1891 was higher than in the previous year．It also exceeded the mean of the preceding ten years ending 1890．Agsin；the number of recorded births in 1891 was higher than that of 1890 in sll Collectorates except the City of Bombay，Thann，Kolaba， Hyderábád and Shikarpur．

The following table shows the monthly distribution of births in 1891；as compared with Birtha by months－ 1890，and with the monthly mean of the previous ten years：－

|  | 官 | 容 | 安 | $\stackrel{\square}{5}$ | $\stackrel{y}{*}$ | $\stackrel{\square}{9}$ | 家 |  | 忘 | H | 产 | 宮 | 言： |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | ， |  |  |  |  |  |  |
| to 1500 ．．．－－ | 42，017 | 30，477 | 44，815 | 4,074 | 47，922 | 50，024 | 60， 809 | 00，536 | 49，881 | 50， 589 | ．47，505 | 45，568 | 564，600 |
| 2000－．－．．－ | 45，502 | 42，882 | 47，356 | 48，503 | 80，809 | 55，960 | 50，410 | 03，2s7 | 03，200 | 65，348 | －54，601 | 40，459． | 641，1\％6 |
| ISont．．．．．－．． | 49，845 | 62，800 | 68，568 | 56，801 | 80，503 | 03，408 | 80，827 | 61，904 | 80，510 | 55，807 | S6，855 | SS，i79 | 682，677 |

The grentest number ( 62,408 ) was registéred in Junc, and the least $(49,645)$ in January. In 1890 the highest and the lowest numbers, ( 63,346 and 42,652 respectively), were registerexl in the months of October and Februnry.
Deeths.

Weathe by districte. TT The total number of denths recorded in 1801 was There was an increase of 49,516 deaths for the year. The death-rate of males per 1,000 of population to the whole male population living was $27 \cdot 46$ and of femnles $27 \cdot 07$.

The following table shows, for each registration district, the population enumerated at the census of 1891, the number of deaths recorded in 1891 by sexes, and their ratios per 1,000 of population. The highest ratio ( 32.00 per 1,000 ) occurred in the Gujarat Registantion District and the lowest (13.54) in Sind :-


1) oath-rato by Col. lectoratot.

Death-ratea by
nen.

Deathe by agot.
The next statement shows the denths in 1891 by Collectorates in sequence of the highest rates, which ranged from $42 \cdot 11$ per 1,000 in Broach to $14 \cdot 09$ in Upper Sind lirontier. In 1890 the maximnm and minimum ratios ( 40.95 and 17.87 per 1,000 renpectively) occurred in Ahmedábád and Hyderábád:-

| Collectorime. |  |  |  |  | Nember of dalitag. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | yalou. | Porandor. | Total. | Helom. | Pombleen. | Total. |
| Broach |  | ... | ... |  | 7,417 | 0,062 | 14,370 | 42.10 | 41.81 | 12.11 |
| Nasil | ... | .. | ... | ... | 16,878 | 14,404 | 311, 28.82 | 30.610 | 85.07 | 86.6 |
| Ahineráabad | ... | ... | ... | ... | 17.277 | 10.817 | 33,414 | 30.68 | 36.31 | 86:98 |
| Khandosh | ... | ... | ... | ... | 20,544 | 24,164 | 60,608 | $85 \cdot 60$ | 3:179 | 3.72 |
| Ahmednagar | ... | ... | .." | ... | 16,087 | 14,478 | 30,168 | $34 \cdot 79$ | $33 \cdot 14$ | 93.87 |
| Bijapar ... | ... | ... | .. | ... | 12,520 | 12,340 | 24,875 | 31.47 | 31.01 | 31-14 |
| Surat ... | ... | .. | ... | ... | 9,086 | 0,811 | 19,417 | 30.84 | 20.88 | $30 \cdot 11$ |
| Sholápar ... | ... | $\ldots$ | ... | ... | 11,862 | 10, 604 | 22.108 | 30.38 | 28.74 | $29 \cdot 64$ |
| Kaira | ... | ... | ..' | ... | 14,053 | 11,670 | 25,623 | 30.61 | 2x. 15 | 20.40 |
| Oity of Bombay | ... | ... | $\ldots$ | ... | 12,204 | 11.297 | 2:3,501 | $24 \cdot 14$ | $37 \cdot 85$ | $20 \cdot 15$ |
| Poonn | ... | ... | ... | ... | 16,288 | 13,820 | 20,117 | $28 \cdot 26$ | 2656 | 27.43 |
| Dhérwár .. | ... | ... | $\ldots$ | ... | 14,270 | 13,596 | 27,875 | 27.06 | $20 \cdot 31$ | 20.53 |
| Kinara | ... | ... | ... | ... | 0.140 | 8,514 | 13,054 | 28.21 | 26.02 | 26.12 |
| Satara .. | ... | ... | ... | ... | 15.948 | 15,322 | 31,268 | 90.60 | $25 \cdot 13$ | 25.51 |
| Belpaum ... | $\cdots$ | ... | $\ldots$ | ... | 12,201 | 11;085 | 24,186 | 23.01 | $23 \cdot 12$ | 28.91 |
| Kolabs . | ... | ... | ... | ... | 6,236 | 6,891 | 12,167 | 24.57 | $23 \cdot 15$ | 23+63 |
| Thana | ... | ... | ... | ... | 10,427 | 10,048 | 20,675 | 22.64 | $23 \cdot 21$ | 25•87 |
| Panch Mabala | ... | ... |  |  | 8,010 | 8,130 | 6,740 | 22.28 | $20 \cdot 10$ | $21 \cdot 5$ |
| Karachi ... | ... | - | ... | $\ldots$ | 6,440 | 8,545 | 11,085 | 20.78 | 52.12 | 21:13 |
| Rhikarpur... | $\rightarrow$ | ... | ... | ... | 10,249 | 8,141 | 30.110 | $20 \cdot 76$ | 21.21 | 20.97 |
| Ratnagiri | ... | . |  |  | 10,050 | 10,014 | 21,804 | 21.32 | 18.43 | 10.77 |
| Thar and P'arkar |  | $\ldots$ | ... | $\ldots$ | - 2,9018 | 2,207 | 8.:35 | $18 \cdot 15$ | 17.05 | 17.66 |
| Hyderabad |  |  | ... | -.. | 7.139 | 8,251 | 14,180 | 15.80 | 14.94 | $15 \cdot 46$ |
| Opper Sind Fron | tior | ...' | . | $\because$ | 1,445 | 1,171 | 2,016 | 16.12 | 14.97 | 14.94 |
| Pronidoncy |  |  |  |  | 207,282 | 245,850 | :13,132 | 27.46 | 27.07 | 27.06 |

This statement showe that in the Collectorates of Thána, City of Bombay, Karúchi and Shikarpur the recordod death-rate of females was higher than that among males. In Sátara, Belgaum, Bijaparand Kanam, the death-rates of males and females wore equal. In the remaining Collectorates tho death-rates of males everywhere excecded thpse of females. In 1890 the fermale death-rate exceeded that among males in the City of Bombay and in the Karachi Collectornte:

The figures given below show the total deatha in 1891 under different ages, as also the ratio per 1,000 living, calculated on the population of each age period enumerated at the census of 1891, and the percentage on total deaths:-

| Age Periota. |  |  |  |  |  | Topulation anceirdituk to Cenamis of 1891. | Number of drache. | Untlo pep 1 dum of Population. | Purcentake on tuial deathn. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Under 1 year ... <br> 1 and under 6 yeare | ... | ... | ... | ... | $\cdots$ | 680,472 | 113,882 | 167.28 | 22.18 |
|  |  | ... | ... | ... | ... | 2,178,646 | 110,874 | 80 \% | 21.61 |
| 5 do. 10 do. | ... | ... | ... | ... | ... | 2,6115, 588 | 26,575 | 4.78 | $4 \cdot 98$ |
| 15 do. 15 do do. | $\ldots$ | -.. | ... | .." | ... | 1,820,754 | 1-,3312 | 6.81 | $2 \cdot 41$ |
| 15 do, 20 do. | $\cdots$ | ... | ... | -.. | ... | 1,470,076 | 13,813 | 9.41 | $2 \cdot 70$ |
| $\begin{array}{lll} \\ 30 & \text { do. } & 30 \\ \text { do. } & 40 \\ & 40 \\ \text { do. }\end{array}$ | $\ldots$ | - | ... | ... | .. | 3,410.817 | 41,854 | 1-127 | $8 \cdot 16$ |
| 40 do. 60 do. | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | . | \% | 42,803 38.812 | 18.47 | $8 \cdot 34$ 7.66 |
| ${ }^{50}$ do. 60 do. |  |  |  | ... |  | 1,117.120 | 88,941 | $3 \mathrm{~S} \cdot 66$ | 7.77 |
| 60 jears and upwards |  |  |  |  |  | 1918,018 | 78,308 | 70.86 | 14.29 |
|  |  |  |  | Total | $\ldots$ | 18,8?0,34 | 613, 182 | 27.26 | 100 |

The mortality amongst infants under 1 year and children above 1 year, but under 5, was, as usual, very high in comparison with other periods of life. In fact, the deaths among children under 5 years of age formed 48.79 per cent. of the total deaths. The period of greatest immunity was in the age of above 10 and under 15 , the rate being 6.81 per 1,000 . The percentage on total deaths amongst infants under 1 year was $22 \cdot 18$ against $21 \cdot 2 \%$ in 1890. For those above 1 and under 5 the percentage on total deaths was 21.61 against 21.55 in 1890. Among old people of 60 and upwards the percentage on total deaths was $14 \cdot 29$ against 14.82 in 1890.

Acconding to the census of 1891, the Mahomedan population numbered $8,501,910$ persons, Deatha by caste or amongst whom, in 1891, 76,401 deaths were recorded against 72,307 in 1890, the death-rate clas. being $21 \cdot 82$ per 1,000 of popalation against $23 \cdot 27$ in 1890 . The Hindu population amounted to $14,807,629$ persons, amongst whom 431,153 deaths, or 28.94 per 1,000 of population, were reported. In 1890 the total deaths amongst this race were 386,095 , equal to a death-rate of 29.41 per 1,000 of population. Amongst the Christian population numbering 122,089 persons, 2,433 denths were reported during the year against 2,270 in 1890; the death-rate being 19.98 against 18.41 per 1,000 in 1890. Under the heading "Other Castes" are included all those not belonging to either of the above sects who by the census of 1891 numbered 298,718 persons, amongst whom during 1891 there were 3,145 deaths against 2,944 in 1890, the death-rate being $10 \cdot 53$ per 1,000 against $86 \cdot 65$ in 1890 . Among Mahomedans the maximum death-rate during the year ( $38 \cdot 68$ per 1,000 ) took pleee in the Collectorate of Nasik, and the minimum ( 14.34 per 1,000 ) in Upper Sind Frontier. In 1890 these rates were $39 \cdot 77$ and $13 \cdot 59$ and were reported as having occurred in Ahmedábad and Thar and Parkar. Amongst Hindus the maximum death-rate ( 46.83 per 1,000 ) in 1891 was in the Collectorate of Broach, and the minimum ( $19 \cdot 10$ per 1,000 ) in Hyderabad. In 1890 these rates occurred in Ahmelkbad and Ratnigiri, and were $41 \cdot 14$ and $19 \cdot(18$ per 1,000 respectively. The maximum death-rate during the rear amongst Christians was 36.14 and was reported from Shikarpur Collectorate, and the minimum (10.12) from Ahmednagar. In the Collectorates of Broach, Padnch Mahals, Hyderabad and Thar and Párkar no denths amongst Christians were reported in 1891.

The subjoined table shows the desths in 1891 arranged according to the specified causes Deathe by causes. laid down by the Government of India, and contrasted with the results for 1890 and the mean of the preceding ten years:-


The monthly distribution of deaths in 1891 is shown in the following table, contrasted Deaths by monthas with denths in 1890 and the mean for ten years. During 1891 the greatest number of deaths $(61,917)$ took place in December, and the least $(34,493)$ in February. In 1890 the greatest and least nombers occurred in April $(51,527)$ and June $(29,518)$ :-


The high mortality in the month of December was due to the epidemic of influenza.
в 741-55

Chap. VI. 218

Number of circlos.

Total mortality from cholera.

Mortality for 20 years from 1872 to 1891 inclusive.

Statistical returns were received from 222 rural and 56 town circles, from 7 cantommente in British, and 9 in foreign territory. The aggregate population, according to the censua of $1 \$ 91$, of the rural circles was $16,515,973$, of the town circles 2,238,389, and of the cantunnents in British territory 65,974, exclusive of Europeans and Earasians, or a total of $18,820,343$.

During 1891 cholera caused 17,850 deaths throughout the Presidency, or 14,590 more than in the preceding year and 14,581 less than in the year 1889. The epidemic was most. precalent in the Bijappur, Sholipur, Poons and Ahmednagar.Collectorates, where 5,064 or $6.36,2,442$ or $3 \cdot 25,2,316$ or $2 \cdot 18$, and 2,284 or $2 \cdot 57$ deaths per 1,000 of population respectively toxk place; whilst the minimum mortality occurred in the Broach, Shikárpur, Kánara and Panch Mabrils Collectorates, in which there were 1, 6, 17 and 22 deaths respectively registerel. In January, oholera broke out in 11 Collectorates and caused 256 deaths. In February the disecase prevailud in 7 Collectorates, causing 140 deaths, and ceased in 4 Collectorates, namely Násile, Poona, Belgaum and Bijapur. In Mareh, 63 deaths were returned from 4 Collectorates, the monthly minimum for the year. In April the disease somewhat increased and caused 214 deaths in i $^{\circ}$ Collectorates. In May 1,315 deaths wero registered from 7 Collectorates. In June it afnnmed a still greater intonsity, and no less than 2,656 deaths were reported from 0 out of the 24 Collectorates in the Presidency. In July the discase appeared to have assumed an epidemic form, as 3,692 deaths were registered in 11 Collectorates. During August the mortality rose to 4,443 , the maximum for the year; the discase was present more or less in 13 Collectorntes. In Soptember there was a slight decrease- 3,427 deaths in 14 Collectorates. In October and November it rapidly subsided, as there were 901 deaths in the former and 414 in the latter. In the last month of the year the disease was only present in 6 Collectoratep, and 320 deaths were reported. During 1891 Surnt, Kaira, Karachi, Hyderabád, Thar and Párkar and Upper Sind Frontier were free from cholera.

The following table shows the mortality from cholera by seasons; it will be seen that 14,218 deaths out of 17,850 were recorded in the rainy season of 122 days:-


The total number of deaths from cholers in each of the twenty ycars ending with 1891 is given in the following table:-

| 1872 | - | -0. | -.. | 15,642 | 1879 | -. | *** | $\cdots$ | 0,037 | 1886 |  | .: |  | 107 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1878 | $\cdots$ | ... | ... | 283 | 1880 | ... | ... | ... | 684 | $1 \mathrm{KH7}$ | $\ldots$ |  | . | 25,711 |
| 1874 | $\cdots$ | -倍 | ... | 37 | $1 \times 81$ | ... | - ${ }^{\circ}$ | ... | 16,604 | 1888 | $\cdots$. | .. | ... | 36,500 |
| 1875 | .*. | ... | ... | 47,85t | 1882 | ... | *** | $\ldots$ | 7,004 | 1889 | *** | ... | ... | 82,431 |
| 1876 | ... | ... | .0. | 32,117 | 1888 | ** | ... | ... | 37,954 | 1840 | ... | ... | . | 3,259 |
| 1877 | . ${ }^{\prime}$ | ** | ... | 67,262 | 1884 | *** | ... | ... | 17, 814 | 1891 | ., | *. | .. | 17,850 |
| 1878 | ... | * 0 | $\cdots$ | 46,743 | 1885 |  | ... | **. | 87,287 |  |  |  |  |  |

The following table axhibits the death-rate from cholern por 1,000 of population in the asfected Collectorates arranged in order of highest denth-rate:-

| Collectorntow. |  |  |  |  |  | Death resto par <br> $1, \mathrm{M}, \mathrm{O}$ of <br> Populationa | Colloctiontion ? |  |  |  |  |  | Death.sute par 1,014 of Population. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bijápar ... | -. | ... | -. | $\ldots$ | $\ldots$ | 0.36 | Kolabs ... | $\cdots$ | \% | $\cdots$ |  | ** | 0.23 |
| Sholapur | $\cdots$ | .0. | ... | ... | ... | $8 \cdot 25$ | Llombay City | ** | ** | $\cdots$ | -. | -. | $0 \cdot 18$ |
| Ahmednagar | ... | ... | .... | ... | $\ldots$ | $2 \cdot 57$ | 'Thans ${ }^{\text {a }}$ | $\ldots$ | ... | $\pm 0$ | ... | ... | $0 \cdot 16$ |
| Poona ... | ... | ... | ... | ... | ... | $2 \cdot 18$ | Fantnagiri | ** | - | -** | ... | . | 0.11 |
| Khandeah | ... | ... | -. | ... | ... | $1 \cdot 35$ | Panch Mahaly |  | ... | $\cdots$ | ... | ... | 0.07 |
| Násik ... | ... | ... | . | -.* | ... | 1.16 | Kdnara... | ... | ... | $\cdots$ | ... | , | 0.103 |
| Dhárwar... | ... | ... | ... | ... | ... | 0.98 | A bmedabod | ... | ... | $\ldots$ | .*. | , | 0.03 |
| Satéra ... | ... | $\ldots$. | ... | ... | -. | 0.69 | Ahikípur | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | . | $0 \cdot 007$ |
| Belgaum... | ** | ..' | ... | -. | ** | $0 \cdot 29$ | Bronch ... | *** | ... |  |  | $\ldots$ | $0 \cdot 008$ |

From the above table it will be seen that in the Bijapur Collectorate the death-rate attained the high ratio of 0.30 per 1,000 of population; in Sholípur there was also a high death-rate, namely $3 \cdot 25$ per mille; whilat in the Ahmednagar, Poons, Kháudesh and Narik Collectorates the ratios were $2 \cdot 57,2 \cdot 18,1 \cdot 35$ and $1 \cdot 15$.

Out of 222 rural circles or talukas, 116 were more or leas affected by cholera during the year. The table given below shows, in order of highest death-rate, the rural circles- 31 in allin which the death-rates from cholera exceeded 2 per 1,000 of population; the discase chiefly prevailed in 8 talukas of the Bijapur Collectorate, 6 of the Khandesh Collectorate, 5 in ench of the Ahmednagar and Sholapur Collectorates, 3 in each of the Násik and Poons Collectorntes,
and 1 in the Dharwár Collectorate. At the head of the circles was Bijapur Táluka in the Bija Cide Men MeDi. pur Collectorate, where the ratio of deaths per 1,000 of population was 9.88 :-


Out of 56 town circles 26 were affected during the year. The following table gives those afortality in towns towns in which the death-rate exceeded 2 per 1,000 . Of these, 1 was in each of the Sholípur, Belgaum and Dhárwar Collectorates, and 2 in each of the Khandesh and Bijapur Collectorates. Pandharpur Town Circle in the Sholápur Collectorate headed the number, its death-rate per 1,000 of population having been 5:86:-


Out of the 25,143 villages in the Presidency, 1,594 , or 7.79 per cent., were affected by villages affected by cholera. The highest percentage occurred in the Bijápur Collectorate, where out of its 1,110 oholera. villages, $4: 31$, or 38.83 per cent., were affected. In Sholapur, Poona and Ahmednagar the percentagres were $30 \cdot 15,15 \cdot 59$ and $18 \cdot 16$ respectively. In the remaining 12 Collectorates the rates were below 10 per cent. The following table shows the percentages of affected villages to total villages in each Collectorate:-


The following table shows the attacks and deaths in each Collectorate, and the last column gives the percentages of deaths to attacks. Very high percentages of deaths to attacks occurred in Bomlay City 71.57, Panch Maháls 68.75, Ratnágiri 67.71, Shikárpur 66.67, Thána 65.90 and Kánara $65^{\circ} 38$. In 6 Collectorates, namely, Kolába $55 \cdot 30$, Ahmedábád 54.90 , Násik 52.37 , Belgaum 50. 3 , Dhairwar 49.93 and Poona 46 .79, the percentages of deaths to attacks were alove the mean; whilst in the remaining 5 Collectorates they were below it. The mean percentage for the Presidency was 46.59:-


Bmall-pox mortality
by soxen.

2,877 in 1890 and a decennial
since 1880 was as follows:-

| Yaurs. |  |  |  |  |  | Numiber of desths, | Yourn. |  |  |  |  | Sumire of duaths. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 R80 | ... | ... | ... | $\cdots$ | - | 040 | 1888 ... | ... | $\cdots$ | ... | ..- | A76 |
| 1881 | $\ldots$ | ..- | ... | ... | ... | 538 | 1887 ... | $\cdots$ | - | ... | ... | 3,733 |
| 1882 | ... | ... | ... | ... | .. | 1,030 | 2888 ... | ... | ... | ... | .. | 8,617 |
| 18>3 | ... | -." | . 0 | ... | ... | 13,404 | 1859 ... | ... | -. | ... | .. | 7,i4is |
| 1884 | $\ldots$ | .., | *. | ... | ... | 14,483 | 1896 ... | .. | .. | ... | . | 2,4, ${ }^{\text {a }}$ |
| 1885 | ...' | $\ldots$ | ... | ... | -. | 2.646 | 1891 ... | ... | ... | ... | ... | 1,401 |
|  |  |  |  |  |  | 38,697 |  |  |  |  |  | 19,890 |

Small-pox in the Western Registration District attained a matio of 0.15 per 1,000 aprainst 0.20 in 1890 and a decennial mean of 0.41 . In the Southern Registration District the ratio was 0.11 against 0.50 in the previous year, and 0.48 the decennial mean. In the Central Registration District it was 0.05 against 0.08 in the previous year, and a decennial mean of 0.24 . In the Gujarat and Sind Registration districts the ratios per 1,000 of population were respectively 0.04 and 0.02 agninst 0.13 and 0.19 in the previous ycar and a decennial mean of 0.13 and 0.27 . In Collectorates the highest death ratio (0.24) took place in Khindesh and the lowest ( 0.00 ) took place in Ahmednagar, and ( 0.01 ) in Sholapur, Ahmedabad, and Shikarpur. The districts of Thar and Párkar and Upper Sind Frontior were fres. The Presidency rate was 0 . 04 against 0.17 in the previous year and 0.31 the decennial mean.

During 1891, 101,735 males and 177,178 females, or a total of 368,913 persons, w.re reported to have died from fever against 344,897 in 1890, slowing an increase of 24,016 deaths for the year, the mean for the previous ton years being 206,021 .

In the Gujarát Registration District fever caused the lower mortality of 27.62 per 1,000 during the year agninst $29 \cdot 54$ in 1880 and the decennial mean $24 \cdot 20$. In the Weytern $R(-$ gistration District the death ratio was 20.97 against 18.32 in the previous year and 17.98 the decennial mean. In the Central and Siod Registration districta the respective ratios for the year were $18 \cdot 11$ and $17 \cdot 07$ against 19.41 and $19 \cdot 68$ in the previous year and 17.13 and $15 \cdot 18$ the ten years' mean. In the Southern Registration District the ratio for the year was $14 \cdot 65$ against 19.55 and $15 \cdot 35$ the previous year and the ten years mean respectively. In 10 Ccllectorates out of 24 the fever death-rate was higher than that of the pres: vious year. The Collectorate of Bronch headed the list with the very bigh ratio of $37 \cdot 30$. against 33.78 in 1890 and 29.20 in the previous ten yenrs. In the following Collectorates high.
 $24 \cdot 17$, Ahmednagar 21.75 , Panch Maháls $2 v \cdot 17$ and Shikárpur 20.17,-the P'residency rate being 19.60 against 20.06 in the provious year and 17.09 the decennial mean.

In January and February, and from May to December, the deaths from fever wero above the mean of the corresponding months in the previous year. In March and April the deaths were below the previous year, but they were above the mean. The maximum mortality from fever took place in December, when 50,954 denths were reported, nnd the minimum in June, when $\mathbf{2 5 , 6 2 8}$ deaths were recorded from this cause. A certain proportion of the mortality was probably due to influenza.

During 1891, dysentery and diarrhoan caused the denths of 20,663 males and 17,065 females, or a total of 37,728 persons against 36,037 in 1890 and a decennial mean of 35,395 .

The Southern Registration District headed the list with the high ratio of 4.55 per 1,001 against 5.32 in 1890 , and 4.51 the decennial mean. The Westera Registration District came next with a ratio of $2 \cdot 78$, the Central Registration District had a ratio of $1 \cdot 78$, the Gujarat Registration District of 0.23 , and the Sind Registration District of 0.15 . In the

Presidency the rate was 2.00 against 2.19 in the previous year, and a decennial mean of 2.33 . Excepting in the Collectoratés of Khándesh, Násik, Kolába, Ahmednagar, Panch Maháls, Thar and Párkar, Upper Sind Frontier, and the Town and Island of Bombay, the death-rate for the year was lower in all the Collectorates. The highest ratios recorded were in Belgaum 5.69, Dharwar 4.82, Bijápur 4.71, Khándesh 4.22 and Násik 4.18, and the lowest in Thar and Párkar and Shikarpur 0.07, and in Hyderabad 0.04.

During the yenr from January to April and in July, November and December, the Daaths by monthss deaths from dysentery and diarrhcoa were less than in 1890 , but greater in the months of May, June, August, September and October. The maximum mortality occurred in September, and the minimum in February.

During 1891, 3,430 males and 2,457 females, or a total of 5,887 "persons, met with Desths from injurioa, vinlent deaths. The mortality from these causes exceeded by 4 that reported in 1890 , when 5,883 deaths were recorded. Of the 5,887 deaths, 2,489 happened from drowning, -1.240 resulted from snake-bites, 601 from wounds, 192 from hanging, 117 from poisoning, 92 from attacks by wild beasts, and 1,156 from causes not specitied. During 1891, from drowning, wild beasts, and snake-bites there was an increase of 93 deaths: whilst from poisoning, wounding and other causes, there whs a decrease of 89 deaths, as compared with 1890. 'l'he number of deaths by hanging was the same as last year.

The recorded deaths from causes other than those specified, numbered 81,263 , of which Deatha from other 41,467 occurred among males, and 39,796 among females. The total for 1890 was 70,663 . There was an increase of 10,600 under this head.

## Emigration.

There was considerable migration from the Belgaum, Dharwar, aud Bijapur Districts, as well as from the Upper Sind Frontier District ; but these movements were only temporary, and were due to the scarcity prevalent in those Collectorates. In several districts more fortunately situated, a corresponding immigration of a like temporary nature was noticed ; but the Panch Maháls, to which there is reported to be a steady flow of immigration, amounting to 9,000 persons annually, is the only district in which any permanent migration occurred during the year.

## Medical Relief

## Crvil Hospitals and Dispensaries.

The total number of hospitals and dispensaries at the end of 1891 was 254 ; 2 new Number of inasitudispensaries were opened at Vada and Cháchra as well as the Leper Asylum at Mátunga. tiona The statistics of the Bombay police hospital account and the Municipal dispensary at Shothpar are included in this report, for the first time. No hospitals or dispensaries were closed during the year.

Thetotal number of patientstreated was $1,842,230$ ( $1,798,294$ nut-door and 43,936 in-door), Number of patienta. against $1,723,584$ ( $1,685,072$ out-door and 38,512 in-door). There was thus again an increase under each head. Of the in-door patients, 26,380 were cured, 5,668 relieved, 5,229 discharged otherwise, and 3,013 died. The parcentage of deaths was thus 6.8 against 6.7 last year. The daily average of sick rose from $1,808 \cdot 1$ to 2,176 . Of the out-door patients 1,640, 754 attended personally. At the civil hospitals, 412,879 persons were treated, and $1,429,351$ at the dispensaries. The daily average attendance was $17,858 \cdot 9$, against 17,294 in 1890 . The total number of beds was 4,016 , an increase of 404.

There were 202 cases of small-pox against 247 in $\mathbf{1 8 9 0}$. Cholera gave 2,205 cases, as Disassea treated. compared with 691 in the previous jear. There was an increase of 271 cases of dysentery in the year as compared with 1890. Malarial fevers gave, as usual, the largest numbers. Of this disease there were 324,536 , or $17 \cdot 6$ per cent. of the total number of patients treated, against 288,919 or 18.7 per cent. in the previous year. The increase was spread over all divisions, but was most marked in the Konkan. Excluding the figures of the Presidency town, the percentage in the Konkan was 28.6 per cent., in the Deccan $11 \cdot 6$, in Gujarst $20 \cdot 8$, in Sind $20 \cdot 6$, and in foreign territory 81.4. The figures in 1890 were $25 \cdot 5,11 \cdot 2,1 \cdot \cdot 8,21 \cdot 1$ and $26 \cdot 0$, respeetively. Venercal affections gave 36,037 against 33,459 in 1890, the percentage ( $1 \cdot 9$ ) of cases treated being the same in both years. Worms affected 173,871 of the patients, or 9.4 per cent., arainst 166,029 , or $9 \cdot 6$ per cent. in the previous year. As usual they were most prevalent in the Konkan and the Deccan, particularly in the Southern Maratha Country. There were 1,558 cases of leprosy, the increase of 415 being the exact number of cases at the Matunga Leper Asylum, the returns of which were not included last year. Diseases of the eye and ear gave 208,460 and 66,789 cases, or $11 \cdot 3$ and $3 \cdot 6$ per cent. respectively. Skin diseases numbered 209,439 , or $11 \cdot 3$ per cent. of the cases; or 9 per cent. less than in 1890 . In the Konkan the percentage was $9 \cdot 9$, in the Deccan $11 \cdot 2$, in Gujarait $14 \cdot 3$, in $\operatorname{Sind} 9 \cdot 0$, and in foreign territory $5 \%$. Diarrhoea cases treated numbered 42,100 , or 2,207 more than in 1830.

On lst January 1891 there remained under treatment 129 canes which had undergone d operations, and $5,84: 3$ operations were performed during the year, making a tratal of 5,972 cuses, against 5,710 in 1800 . Of these, 4,929 were cared, $2 \times 8$ relieved, 79 discharged otherwime, and 173 ended fatally, leaving 134 under treatment at the end of the year. The results of 3 ;y operations performed on out-door patients, being unixnown, are not recorded. There wert 1,667 operations on the eye and its appendages, 1,357 of which were performed in the Sir Cowasji Jehángir Ophthalmic Hospital. There were 887 operations on the nrinary orasna. with 41 deaths, 8.13 on organs of locomotion, opening of abscesses numbered 501 , removal of tumours 395, and amputations 275 . The total number of minor operations was 87,682 , as compared with 81,872 in 1890 . Sex and ruce
of patienta.

The following table gives the ratio per cent. of men, women, and children, and of races separately for the City of Bombay and the Mofussil, as compared with the previous year:- .

|  | 8x. |  |  |  |  |  | Racre |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Men. |  | Women. |  | Chlidras. |  | EIIndua. |  | Nabomedand |  | Nutive Chriatiane. |  | Printu. |  | Europeres. |  | Eumanam. |  | fother carter |  |
|  | 1800. | 1201. | 1680. | 1801. | 1800. | 1802 | 1800. | 1801. | 1800. | 1801. | 1800. | 1801. | 1800. | 1801. | 18000 | 1891. | 180C. | 3603. | 1400. | 1681. |
| Clty of Potnbay. | $87 \cdot 1$ | 680 | 22.4 | 21.0 | 2085 | 20.1 | 480 | 47 - | $34 \cdot 2$ | 888 | $7 \cdot 4$ | 7.2 | 60 | $8 \cdot 4$ | 2.8 | 2.0 | $2 \cdot 5$ | 14 | 22 | 23 |
| Notanalios ... | 477 | 470 | 201 | 2000 | 322 | 88.0 | 6s.8 | 688 | 20.0 | 200 | 2.4 | 24 | $1 \cdot 6$ | 1-8 | 03 | 0.3 | 01 | 01 | 0* | $0 \cdot$ |

Income and expenditurs.,

Invested capital.

The total income was Rs. 8,88,049, against Rs. 8,40,604 last year. Of this, Rs. 1,05, 033 were cash balance at tho beginning of the year, Re. 4,63,564 were received from Government, and Re. $2,88,803$ from local and municipal funds, and miscellaneous sources. Intorest on invested capital yielded Ks. 21,108, while Rs. 8 , $\mathbf{G} 41$ wore recoived as subscriptions for Mofnssil hospitals and dispensaries. The total expenditure amounted to $\mathrm{ls} .7,58,137$, from which must be deducted lis. 18,100 invested during the year, and Rs 33,145 on account of hospital stoppages, \&c. After making these deductions the net expenditure was.Rs. 7,11,591, as compared with Rs. $6,79,410$ in the preceding year. Tho averuge cost of each diet in the City of Bombay was Ro. 0.4-8, against Re. 0-4-1U, and in the Mofussil Re, 0-2-1, as before. The average cost of each patient was in the City of Bombay Ra, 3-8-0, against Ks. $3-6-9$ in 1890, and in the Mofussil Re. 0-4-5, against Ro. U-4.11 in the previous year. In the Konkan the cost for patient was Re. 0-5-7, in the Docean Re. 0-3-7, in Gujarit Re. 0-4-2, in Sind Re. 0-4-10 and in the foreign institations Re. 0-14-6 as compared with Re, 0-6-7, Re. 0-3-11, Ke. 0-1-8, Re. 0-5-2, and Re. $0-14-5$, respectively, in 1890. The percentuge of total cost paid by Government was for the Mofussil Re. 39•8, against Re. $3 \cdot 2$ in 1890, or, if the cost of Native dispensaries be ndded, it was Lis. $34 \cdot 0$; in the City of Bombay it was $86 \cdot 7$, as compared with 90.0 in the previous year.

In the beginning of the year the balanee of invested capital was Re. 4,56,100; Rs. 13,100 were invested during the year, giving a total of Rs. 4, 89,200 ; Rs. 500 were sold, leaving a balance of Rs. $4,68,700$ at the close of the year.

## Contacious Dibiabre ate, Bombay.

The operation of the Contagious Disenses Act in Bombay having been surpended from 1st July 1888, there is nothing to record under this head.

## Lunatic Asylums.

Number of anylums.
There were 6 lanstic asylums, an in the previous ycar, situsitex at Colába (Bombay), Poona, Ahmedábád, Dharwar, Hyderailad, and Ratnggiri.

Inmatoo
During the year the total population was 961 , against 1,000 in the previous year. Of thene, 788 were males and 175 females. On lst January 1891 there remained 562 males and 128 females : 200 males and 43 females were admitted, and 15 males and 4 females re-almitted. One hundred and fifty-six males and 28 femalee were discharged. Of these, 74 males and 10 femalew were cured, 80 males and 10 females were transferred to frienda, ( 69 malen and 8 females improved, and 11 males and 2 fermales not improvel), and 2 males cscaped. lifty-seven males and 13 females died, against 86 males and 12 femslos in 1880 . At the end of the year there remained 573 males and 136 females. The daily average strength was 580.3 males and 133 females, total 713.3 against 705.1 in 1890.

The percentages of cures and deathe to the daily average strength were:-


The percentages to admisesions were:-

| Cured <br> Died | $\left\{\begin{array}{l}\text { Malca } \\ \text { Fenales . . }\end{array}\right.$ | $\cdots$ |  | $\cdots$ | $\left.\begin{array}{l}\text { ‥ } 33.0 \\ \cdots 3+0\end{array}\right\}$ Tctal | 38\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
|  | $\ldots\left\{\begin{array}{l} \text { Males ... } \\ \text { Feunless ... } \end{array}\right.$ |  | ... | ... | .. | ..25.8 |

On let January 1891 there remained 93 males and 9 females, while 27 males and 3 females were admitted, making 120 males and 12 females, total 132, or 3 less than in the previous year. No criminal lunatics were admitted in the Ratnágiri and Dhárwár Asylums. Three criminal lunatics were admitted into the Poona Lunatic Asylum. Sirteen males and 4 females were discharged, transferred, \&c., 5 males and 1 female died, and 99 males and 7 females remained on 31st December 1891 . The daily average streagth of these insanes was 95.4 males and 8.6 females; total 104.0 against 108.0 in the previous year.

The following table gives the types of insanity and the result of the treatment of each Types and canses of form:-

|  |  |  | Romalinod. | Admaltood. | Total. | Rooovered. | Improved. | Dlod. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mnaia ... | .* | ... | 256 | 126 | 382 | 41 | 25 | 29 |
| Mlelancholia ... | ... | ... | - 55 | 48 | 103 | 18 | 27 | 6 |
| Dementia ... | ... | ... | 170 | 27 | 197 | 8 | 12 | 14 : |
| Idiocy .... | ... | ... | 27 | 10 | 37 | 2 | 1 | 2 |
| Epileptic insanity | ... | $\cdots$ | 24 | 5 | 29 | ... | 1 | 2 |
| Charis amoking | ... | ... | 6. | 9 | 8 | $\because$ | , | 2 |
| Ganja smoking | ... | $\cdots$ | 69 | 20 | 95 | 14 | 4 | 3 |
| Use of bhing | ... | ... | 39 | 4 | 43 | 4 | 9 | 7 |
| Opium eating | ... | ... | 6 | 8 | 8 | 1 | . | 1. |
| Spirit drinking | ... |  | 29 9 | 20 .1 | 49. | 6 2 2 | . 6 | 3 |
| Other typus ... | ... |  | 9 | . 1 | $10^{\circ}$ | 2 | ... | 1 |
|  |  |  | 690 | 271 | 961. | 90 | 77 | 70 |

Of a total of 961 lunatics, the cause was ascertained in only a little more than half the number, ( 493 being known causes and 473 unknown causes). Of the known causes, 392 were attributed to physical and 96 to moral causes. Of the former, the abuse of spirits and use of intoxicating drugs were alleged as the canse in 203 cases; fever was the cause given in 35 , epilepsy in 26, previous attack in 21, destitution in 20, and masturbation in 14. The disease was hereditary in 27 , and congenital in 21 patients. Of moral causes, grief was the alleged cause in 67 cases, anger in 9 , fear in 8 , religion in 5 , loss of money in 8 , jealousy in 2 , and anxiety and study in 1 each. Among the criminal lunatics charged with crimes of violence, the following were the alleged canses of insanity:-

| Gunja smoking | ... 10 | Hereditary | ... | 8 |
| :---: | :---: | :---: | :---: | :---: |
| Opium eating | ... 1 | Grief ... | -.. | 2 |
| Spirit drinking | ... 4 | Anger ... | ... | 1 |
| Fever .... | ... 2 | Religion :.. | ... | 1 |
| Puerperal fever | .. 1 | Jealousy ... | ... | 1 |
| Epilepsy | 3 | Fright | ... | 1 |
| Injury |  | Anxiety | ... |  |

The total expenditure was Re. 1,27,425, against Rs. $1,29,172$ in 1890. This does not tally cost. with the total given in the last year's report oring to a readjustment of accounts. Establishment cost Rs. 42,234 , against Re. 44,479, in the previous year. There was also a decrease of Rs. 171 , Rs. 175, and Rs. 88, in the cost of diet, clothing and bedding, and medicines, respectively. Contingencies amounted to Re. 9,255 , against Re. 7,881 in $\mathbf{1 8 9 0}$. The following is the abstract of cash account:-



The receipts from paying. patients amounted to Rs. 12,746 , against Re. 16,076 in the previous year. The amount received by the sale of manufactured articles and remitted to the Treasury was Re. 1,919, nearly the same as last year, and that on account of unserviceable articles was Rs. 57, as compared with Re. 119 in 1890. Deducting the above receipts from the sum of the amounts received from the Treasury adjusted to Government, and value of articles received from the Manufacturing Department, the net cost to Government was Rs. 97,970 , a compared with Rs. 98,011 in 1890. The increase was due mainly to the small receipts from paying patients and a large increase in the charges on account of works done by the Public Works Department in all the asylums exoept at Ahmedábad. The cost per patient was Rs. 137-5-8, against Rs. 131-11-6 in 1890. The following table shows comparatively the cost of each patient at each asylum for the past two years:-


## Sanitation.

-. .

Sanitary worka: Military, -

Local Boards.

Mofusnil
3 unicipalition. Fublic Works section of Chapter IV of this report. The actual cost of works of this nature carried out during the year 1891 was Rs. 44, 175 against Rs. 41,767 in 1890 . An important work was the construction of a new condenser capable of producing 12,000 galions of water at Aden : most of the other works were unimportant, and consisted in the construction of latrines, or drains, or the cleaning out of wells and the improvement of watersupply.

Sanitary works carried out by Local Boards have been referred to in the section of Chapter III of this report which deals with Local Boards' administrution.

While the aggregate income of the municipalities in the Presidency amounted to Rs. $42,82,414$, their total expenditure was Rs, $45,86,839$, of which Rs. $7,53,752$ were devoted to conservancy: in the previous year, R $\mathrm{R}_{\mathrm{H}} 7,38,586^{\circ}$ were apent on this olject. The aggregate expenditure of the several municipalities in Sind on conservancy, including road-cleaning, watering and latrines, amounted to Rs. $1,55,733$, against $\mathrm{Ks} .1,56,725$ in the previous year. The only towns possessing a regularly engincered water-supply were Karáchi and Hydcrabad: elsewhere the water-supply was principally-derived from the Indus or from wells. During the inundation season canal water was also used for drinking purposes in most municipal towns. A scheme for the draimage of the town of Karachi was under consideration, and the municipality applied for permission to raise a loan of Rs. 6 lakhs in the open market : the plans and cstimates for the work have been completed. The construction of drains in the town of Hyderabad was approaching completion. No works of great importance were carried out during the year under report. The municipa-

[^19]litias in Sind entertnined, as usual, a staff of sweepers for cleaning public roads, streets \&ce. In most towns, dust-bins were provided in convenient spots and were emptied daily; real conservancy was back ward towe tamentable degree.

In the Northern Division the expenditure incurred on account of 'conservancy' was Rs. 2,73,769 against Rs. 2,63,322, the increase of Rs. 10,447 being chiefly due to the construction of latrines and urinals in Viramgam, Dholera, and Nadiadd, the entertainment of additional establishment at Kurla for the removal of nightsoil, and to the Bandra Municipality having undertaken the halalkhor service. On the other hand, there was a large decrense in Surat, chiefly owing to reduced expenditure on road-cleaning and latrines. The expenditure under the head "water-supply" showed the large decrease of Rs. 76,785, owing principally to reduced expenditure by the $\Delta$ hmedábád Municipalitty under this head during the year. The new water works in Ahmedábad were formally opened by His Excellency the Goveraor on the 11th June 1891. The prejudice evinced at first against using the water was fast dying out, and upplications were pouring in for house-connections. The question of the construction of another high-level reservoir was being discussed. In Broach and Surat, schemes for water-supply were under consideration, while in the latter an experimental well was under construction: an interesting experiment was also made at Ránpur with tube wells. In Díkor a large sum was spent in sinking a well and in excavating and repairing the tank. The want of good water was much felt in Viramgam, but the question presented special difficulties. The Bandra Municipality, which had a connection with the Boubay water works, was considering the extension of the water pipes to the Paili Hill and the villages in its vicinity. In Ahmedábad the greater portion of an experimental section of the drainage scheme was completed during the year. In Nadiad, Dákor and 'Thina a preliminary survey was being made by the Public Works Department. In Broach the Public Works Department prepared a rough scheme which was under consideration; and in several other municipalities improvements were carried out. in the surface drainage.

The amount spent on conservancy by the municipalities of the Central Division was Rs. $2,38,4: 82$, or Rs. 1,574 more than in the preceding year. The water-supply of municipal tuwns was derived from rivers, wells, and tanks, and was sufficient except in Dhulia, Násik, Yeola, and Bársi. The Dhulia water works were still in progress, and in many other towus works were in contemplation for a more abundant and improved supply of water. The municipalities were alive to the importance of the question of surface drainage.' During the year, progress was made in those municipalities where works were commenced last year, and in some others a beginning was made. The question of surfacs drainage in the Poona City Municipality romained still undecided.

The total amount expended by municipalities in the Southern Division in 1891-92 on conservancy was Rs. 85,768 against Rs. 81,661 in the year eceding. The charges under this head, according to the new classification, included those c. account of road-cleaning and watering, and latrines. Increased expenditure under this head was chiefly incurred by the municipalities of Nipani, Gokak, Hubli, Gadag-Bettigeri, Bijfpur, Kumto, and Mahad. The amount spent under the head "drainage" was Rs. 4,498 against Rs. 1,741 in the previous year. Suuns of Rs. 997 and Rs. 379 were spent on the construction of road-side gatters by the municipalitics of Dharwar and Bagalkot, respectively, and a scheme for sarface drainage was set on foot at Belgaum. The expenditure incurred under the bead "water-supply" amounted to Rs. 44,618 agaiust Rs. 17,289 in 1890-91. Considerable amounts were spent by the municipnlities of Nipáni, Nevalgund, Nargund, Bijápur, Guledgud, Haliyal, Gokarn. Ratnagiri and Uran on the improvement of their water-supply. Rs. 1,000 were paid by the Dharwar Municipality to the Public Works Department for the preparation of preliminary plans and estimates for a water-supply scheme for the town of Dhárwar. The new water works at Hubli, estimated to cost Rs. $4,88,617$, were in progress, and proposals for the improvement of water-suply were under consideration at Nargund and Panvel.

The expenditure of the Health Department of the City of Bombay. Whs Rs., 11,48,961 Bombay City against Rs. $11,55,118$ in the previous year. The important measures of sanitation carried out are noticed in the section of Chapter III which deals with municipal administration.

During the year twelve vessels arrived in harbour with infectious diseases on board Bombay Harbour : against seventeen in the previous year. Of the diseases 5 were cases of cholera, 4 of small Importation of pos, 11 of measles and 3 of chicken-pox.

The number of vessels of all kinds sailing from the port of Bombay, which were in- Inspection of spected by the Health Officer, was 722 against 646 in 1890, and the total number of persons: oatgoing vessels. inspected was 82,048 against 75,899 . Of the ships which underwent inspection, 520 were square-rigged vessels and steamers, 162 were native oraft, 21 were pilgrim ships, and 19 ; were Indian Troop and Marine ships.

## Vaccination.

## Territorial changoe,

Strongth of the
Dopartmont.

Work amongat the
Civil and Military Pupulation,

The Western Gujarat Circle was abolished, and the office transferred to the Agency Surgeon, Majkot. Modnimb, n portion of the Mirai Senior State, which was hitherto included in the Central Registration District, was transferred to the Southern Regristration District during the year. The name of the "Eastern Gujarat Registration District" was changed into "Gujarat Registration District."

The total strongth of the Vaccination Department during the year 1 s91-92 was 5 Dcputy Sanitary Commissioners, 8 Superintendents of Vaccination, 8 Assistant Superintendentes of Vaccination, 43 Inspectors of Sanitation and Vaccination, 38 Clerks and Kárkúns, 576 Vaccinatora and Candidates, and 588 Yeons.

There were 935,264 persons primarily vaccinnted, and 62,060 ro-vaccinated, againut 885,260 and 46,487, respectively, last year, showing a not increase of 50,004 in primury vaccination, and 16,470 in re-vaccination. The only decrease recorded was 600 under primary vaccination in the Baroda State, and 270 and 117 undor re-vaccination in the Barodin and Cutch States, respectively. In Dispensary vaccination work, there was a decrease under both kinds of vaccination. On the whole there was, in total operations, an increase of 66,483 over the preceding year,

The following talle shows the number of persona primarily vaccinated and also the increase or decrease for each of the lost ten years:-

| Primarlly necolosted. | Your endilog int Marob |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1883, | 180. | 1805. | 1850. | 1887. | 184. | 1809, | 1000. | is01. | 1 mm . |
| Porsona ... . | 702,200 | 820,006 | 802,207 | 881,387 | 856,972 | 870,765 | 800,304 | 000,232 | 885,260 | 935,204 |
| Increaso | 62,888 | 84,750 | .." | 62,280 | 1,886 | 20,783 | 16,639 | 3,838 | $\cdots$ | 60,004 |
| Deoreabe | *. | . ${ }^{\prime}$ | 24,768 | $\cdots$ | '** | ':' | $\cdot{ }_{4}$ | ** | 14,072 | ... |

Out of 035,264 persons primarily vaccinnted 888,290 casea, or $94 \cdot 97$ por cent. wers successful: The number of unsuccessful cases was 17,513 . In 31,544 cares, the result was unknown, as the children were not again brought for inspection. On wecount of the failure of the first operation 2,113 persons were operated on a socond time.

During the year 62,906 persons wero ro-vaccinated. In 68 instances the re-vaccination Whas repeated, in 11,886 instances the result could not be ascertained and in 12,130 the operation failed. The number of successful cases was 39,008 , or $01 \cdot 94$ per cent.

The following table shows the number of infants succeasfully vaccinuted in the Presidency exclusive of Native States. The birth and denth statistics are taken for the calenilar year, as usual, in calculating the number available for vaccination, because infants arc, generally, not vaccinated until three monthe after birth :-

| - |  | Tmas, |  |  | Dirthe roturnerd at havine hoon rewistared. | Dantht Posintorm amenx chlld. Fen yimer 1 year. your. | Childran avalinhing for vectnation. ? | Chillisen rodiue 1 y yar sucremplully. | nader \& your. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1890.01 | ... | ... | ..- | .. | 641,116 | 09,401 | 842,714 | 401,001 | 120,810 |
| 2891.92 | ** | .". | $\ldots$ | ..' | 682,077 | 118,832 | 608,840 | 435,608 | 133,237 |

The nbove table shows that the successfully vaccinnted fell short of the registered births (after deducting deaths) amongst those under 1 year old. Out of 508,845 iufants availnble for vaccination under one year, 4:35,608 or $76^{\prime 38}$ per cont. were protected, and 133,237 or $23 \cdot 42$ per cent. remained unprotected.

The following table gives the rate of primary successful vaccination of children under
thato per milto of
population on total Enccenaful pritnary Teocination en compared with infante under 1 yous.

1 year, and total successful primary operations per mille of population, of each Collcetorate, and Native State:-


The following table shows, by districts and circles, the percentages of success in primary and re-vaccination, contrasted with those for the previous year:-

Percentages of succesa by districtis

| No. | Districta and Circlen. | Percentages of nuceres of primary vaceinations. |  | Percontages of ruocesal in te-raccinstions 6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1890-91. | 1891-92. | 1890-91. | 1591-02. |
| 1 | Weateru Rexistration Distriot | 05.65 | $94 \cdot 84$ | 61-17 | 44.62 |
| 2 | Presidency Circle ... ... | 9707 | $96 \cdot 65$ | 38.08 | $75 \cdot 34$ |
| 8 | Central Iegistration District ... | 93.67 | 94.02 | 60.90 | 48.69 |
| 4 | Southern do. do. ... | 93.85 | 93.83 | $62 \cdot 09$ | 65.73 |
| 8 | Gujarít do. do. $\boldsymbol{f}^{*}$ | 97.79 | $97 \cdot 70$ | 69.78 | $60 \cdot 12$ |
| 6 | Rajkot Agency Circle - ... | 95.32 | 95-88 | 62'64 | 66.18 |
| 7 | Siad Registration District .. | 94.00 | 92.90 | 60.81 | 59.29 |
| 8 | Barrols ... ... ... | 96.51 | $96 \cdot 84$ | 60.89 | 60.91 |
| 9 | Cutch ... .... | 98.53 | 94.95 | 96.07 | 70.00 |
| 10 | Aden, Muskat, Buahire, do. ... | 7910 | $81 \cdot 48$ | 100.00 | $79 \cdot 41$ |
| 11 | British Army ...* | $70 \cdot 13$ | 77.81 | $67 \cdot 53$ | 6194 |
| 12 | Native Army -.. -0. | 89.88 | 88.94 | 60.34 | 56.71 |
|  | Average for the whole Preadency | 85-10 | $94 \cdot 97$ | 61-22 | 61.94 |

"Unknown" cases have been inciuded in these calculations, and obviously they reduce the percentage of success.

According to the different agencies or establishments, there was an increase in primary By dgencies. work under Local Fund, Municipal, Cantonment, British and Native Armies. In the other establishments, there was a decrease. In re-vaccination there was an increase in all establishments.

Exclusive of the Rajkot Agency Circle, there were 426,608 males and 404,265 females By sex. primarily vaccinated, and 46,552 males and 15,722 females re-vaccinated; the totals of persons operated on were 473,160 males and 419,987 females. In primary vaccination the. sex percentages were, respectively, 51.34 males and $48 \cdot 66$ females. In re-vaccination the percentages were, respectively, $74 \cdot 75$ and $25 \cdot 25$, and in total operations $52 \cdot 98$ and 47.02 .

During the year there were primarily vaccinated 5,047 Christians, 633,361 Hindus, Caste or race: 128,255 Mussalmans, 2,227 Pársis, and 61,983 persons of other castes. These figures do nat include the Rajkot Agency Circle.

The age details are compiled for three periods, viz., under 1 ycar, between I and $f$; yarq, and above 6 years. The numbers under each period primarily vaccinatal were foss, jets, 142,482, and 15,762 . The number of infants saccessfully vaccinated was 603,022 ; of rhiilren between 1 and 6 years 171,627 ; and of persons of other ages 13,702 . The above figurem are exclusive of the Rajkot Agency Circle.


The total coat for the Presidency, except Rajkot Agency Circle, including all charges was Ras. 2,85,189-18-0 agninst Rs. 2,73,097-2-10 in the preceding year, whilat the successiful cases, excluding dispenearies and the army, were 857,120, the average cost for ench successful case being annas 5 and pies 7 , against annas 6 and pies 9 , or 2 pies less than last year.

Taking together the work of all the Deputy Sanitnry Commissioners, Superintendenter, Asaistant Superintendents of Vaccination, and Inspectors of Sanitation and Vaccimation, they travelled 95,907 miles in 9,432 days, and inspected 330,805 children in 14,277 vilhgnes. Out of every 100 persons operated on, $38 \cdot 63$ were inspected. This does not include work done in Palanpur and Káthíwár.

$$
!\quad \cdots
$$

Villngoas vinited and not vinited by vaocinatorn.

The following statement shows the number of villages visited, as well as those left unvisited by the vaccinators of the department, in each district and Native State:-



It will be seen from the above statement, that out of 55,103 villages in the Presidency 47,513 were visited by vaccinators, and 7,590 or $18 \cdot 77$ per cent, were not visited. In British territory, out of 40,020 villages, 35,301 were visited, and 4,719, or $11 \cdot 79$ per cent., not visited; whilst in Native States 12,212 ont of 15,083 villages were visited, and 2,871, or 18.03 per cent. were not visited daring the year.

Inoculation was not reported to have been practised anywhere in the Presidency, and no Inocalation. instances were reported of any disease having been communicated through vaccination.

## Veterinary.

An account of the Veterinary College, Bombay, will be found in Chapter VII Bombay Veterinary (Education).

## Veterinary Dispensarifs.

Considerable progress was made during the year in veterinary matters. Dispensaries Generai. were started at Belgaum and Karachi, and the establishment of a dispensary at Jalgaon was sanctioued; while ltinerating Veterinary Assistants were employed in Kaira and Belgana, and the appointment of one for Khindesh was approved by Government. The Ahmedabad and Nadiád dispensaries received increased grants from Municipal and Local Funds. At the Dhulia dispensary a new departure was made in requiring fees for the treatment of patients, the property of well-to-do persons. The Poona Hospital continued under the management of the College of Science; at Karachi and Belgaum work was not commenced till after the close of the yeur. In the four dispensaries of Ahmedabad, Nadiád, Dhulia, and Násik 2,628 animals were treated, against 2,503 in the previous year. A comparison with that year gives the following results of treatment:-


The figures indicate progress, though there was ample room for improvement. The number fof cases, in which the results were unknown, was large, but this is unavoidable.

The dispensary at Ahmedábad was inspected by the Director and by the Superintend- Ahmedabad cnt, Civil Veterinary Department. The year was free from epizootic disease, foot and mouth disease only existing in a mild form. There were 811 out-patients and 114 inpatients, against 833 and 79 , respectively, in 1890-91; the larger proportion of in-patients pointed to good management. The institution gained in popularity in the district generally, the number of village patients rising from 39 to 189, and public subscriptions from Rs. 59 to Rs. 100 . Visits to private stables were more frequent, and a larger number of animals was examined. It was to be regretted that the District Board did not see its way to the entertainment of an Itinerating Assistant. Receipts amounted to Rs. 1,845, and the expenditure was Rs. 1,189.

The Nodiad dispensary was inspected by the Director, and by the Superintendent, Nadiad. Civil Veterinary Department, and was found to be in good order. At Nadiad, 975 cases were treated, against 871 in the previous year; 844 were dealt with at the dispensary, and the rest in villages, where outbreaks of foot and mouth disease and rinderpest occurred. The daily average attendance was $14 \cdot 5$, agninst 13 in 1890-91. There was no accommodation for in-patients, and, as no site was chosen, the building promised by Sardár Ráo Bahádur Bechardís Viháridás was not commenced. Receipts were Rs. 1,595, and the expenditure amounted to Rs. 1,44G. The Itinerating Assistant commenced work from 12th October 1891, and up to the end of March treated 512 animals, the daily average being 8 . Receipts amounted to Rs. 330, and the expenditure to Rs. 437; the deficit of Rs. 107 was made good from the funds of the stationary dispensary.

Owing to the resignation of the Veterinary Assistant, the Dhulia dispensary was Dholia, closed for two months, and a fall from 471 to 383 resulted in the number of cases treated. Of these 67, as against 54 in the preceding year, were in-patients. The daily average of 10 patients was low. Receipts aggregated Rs. 1,900 , and expenditure amounted to Rs. 870. The dispensary was insufficiently and unsuitably housed in the pinjrapole.

- 741-58

Baoteriological
Laboratory.

The total number of patients treated at the Nasik dispensary rose from 240 to 361 , but the number of in-patients fell from 129 to 113 , owing to the heary cost of keep, due th the rise in the price of fodder. The daily average attendance was 14. This institution was well managed, and there was a very small percentage (8) of results unknown. There were 5 cases of glanders; 4 of the animals were destroyed, and one died after inolation. Proposals for the more effective reporting of contagious disease were before Government. Receipts reached Ris. 1,745, while expenditure amounted to Rs. I,300, about half the inconte being coutributed by the Society for the Prevention of Craelty to Animals.

The year was tolerably healthy, foot and mouth diseaso occurring only in three dis. tricts, Kaira, Kolaba and Nasik. Small-pox was reported from Broach, and rinderpest from Kaira, and un unidentitied disease caused slight. mortality in Poonn. None of these outbreaks were serious, and special measures were not necessitated.

The Superintendent of Bacteriological Survey, recently included in the Civil Veterinary Department, was engaged with the Imperial Bacteriologist in laboratory reacarch, and in preparing materials for a report on Indian cattlo; he also dolivered a course of lectures at the College of Science, Poona.

## CHAPTER VII.-INSTRUCTION.

## Education.

General Summary:
Tre following statement gives the attendance returns at the variqus edocational institu- Attendance in tions in the Presidency for the last two years:-


Omitting the private institutions, which are not-under Government inspection, the number of boys under instruction rosem from 489,183 to 499,174 , and the number of girls from 63,909 to 67,432 , while for boys and girls together the average monthly number on the rolls rose from 528,356 to 546,925 and the average deily attendance from 394,853 to 413,427 The ratio of the average daily attendance to the average monthly number on the rolls also rose from 75 to 76. The increase for public institutions was distributed as shown below :-


The attendance in the different classes of public schools contrasts with that of the pre- Attendanee in vious year, as under:-


The number of pupils learning English rose from 43,840 to 45,496 , the number lenrning a classical language from 17,073 to 19,093 , and the number learning a vernacular languge from 528,295 to 538,791 . The distribution of the pupils according to race is given below:-


Expenditure

Distribution.
The total expenditure from all sources contrasts with that of the previous year, an under:-

| Years. |  |  | Provincial Funds. | Locol Come | Manfolpal Raboe. | Foen. | All othor nourcou. | Towe |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \text { Rs. } \\ 19,38,283 \\ 19,65,638 \end{gathered}$ | Ra. <br> 8,44,135 $8,67,095$ | $\begin{gathered} \text { Ro. } \\ \cdot \times 3,84,572 \\ 3,63,759 \end{gathered}$ | Rs.$\begin{aligned} & 19,28,194 \\ & 13,36,002 \end{aligned}$ | H. | Re. |
| 1890.91 |  |  |  |  |  |  | 16,07,180 | 50,52,34! |
| 1891.92 |  |  |  |  |  |  | 17,47,616 | 62,80,714 |

The increase in the expenditure from the Local cess and from Mfunicipal rates was due to increased expenditure on the teaching staff; while the increase under Fces and all other sources was due to the increase in the number of schools. The total expenditure of the year was divided between the different funds, as under:-


The share which each closs of institutions had in the total expenditure was as follows:-


The following table compares the net expenditure from Provincial Funds for the past two years:-


The decrease under Professional Oolleges was owing to larger receipts from fees. The increase under School Education, General, was dae to the improvement of Secondary and Primary Schools. The increase under School Education, Special, was owing to increased expenditure in the College of Science, the Jamsetii Jijibhoy School of Art and the Veterinary College. There was a slight decrease in building grants, and the allowance to the University was reduced. Additions were made to the inspecting staff, and the system of Government scholarships was being doveloped. The decrease under Mfiscellaneous was due to the exclusion of the Sind Depot accounts, which were wrongly included in the previous year.

The payments to aided institutions fell from Rs. 4,87,123 to Rs. 4,34,026, the decrease Grants. being due to the smaller expenditure on luildings. The ordinary grants to colleges and schools rose from Rs. $3,15,060$ to Rs. $3,32,342$, while the special grants fell from Rs. 4,946 to Rs. 4,027 . These special grants were Rs. 1,298 for municipal schools in Sind, Rs. 981 for municipal schools in Surat, Rs. 975 for the New English School; Poona, Rs. 348 for the Mission High School, Ahmednagar, Rs. 257 for the Mission School, Dhárwar, and Re. 168 for the Convent School, Poona. The following table shows the building grants from Provincial Funds for the past two years :-


The expenditare from the Public Works Budget on Government buildings in 1891-92 was as under:-

| (a) Repairs ... | ... | $\ldots$ | ... | $\begin{gathered} \text { Rs. } \\ 21,966 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| (b) Min'r Works (up to Rs. 1,000 ) | ... | $\ldots$ | ... | 2,412 |
| (c) Large Works (above Ra. 1,000) | ... | ... | ... | 1,31,290 |
| Total, Public Works Department Budget ... 1,55,668 |  |  |  |  |
| Unicersity Education. |  |  |  |  |

Particulars as to the colleges affilinted to the University $\pi$ ill be found in Part Iif, Arts Colleges Appendix VII $\rightarrow$ A, and the attendance in Arts Colleges is shown below :-

| Colisam. | Number on the <br> Bolle at the end of the year. |  | ( Avonge monthly |  | Averago daily attendance. |  | Foe Receipta. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1800-01. | 2891.88. | 189092 | 180:-90: | 1800.912 | 1801-92. | 1800.91. | 1891-92. |
|  |  |  |  |  |  |  | Re. | Rs. |
| Elphinstone College | 253 | 265 | 224 | 231 | 207 | 211 | 22,174 | 26,487 |
| Dercan College .. | 140 | 129 | 111 | 122 | 101 | 113 | 9,121 | 10,112 |
| Rajárim College ... | 55 | 62 | 45 | 60 | 44 | 49 | 2,620 | 2,484 |
| Samaldí College ... | 25 | 27 | 37 | 24 | 31 | 21 | 1,560 | 996 |
| Wilson College ... | 243 | 254 | 234 | 230 | 218 | 213 | 14,498 | 15,193 |
| St. Xavier's College | 183 | 187 | 185 | 179 | 175 | 171 | 15,583 | 15,238 |
|  | 119 | 106 | 99 | 110 | 90 | 102 | 6,750 | 6,315 |
| sind College | 76 | - 8 | 65 | 63 | 62 | ¢0 | 4,340 | 4,000 |
| Ferguamon College ... | 199 | 243 | 222 | 252 | 163 | 153 | 10,304 | 11,168 |

[^20]The following is a statement showing the number of candidates who succeeded in passing the University examinations :-


The reports of the Arts Colleges were satisfactory. Two vacancies in the Elphinstone College were filled by Professors from England, and the college showed a large increase in fee-receipts. The buildiugs in the Deccan College were improved, and a Professorship of History was sanctioned. The buildings for the Sind College were nearly completed, and plans for a new building at Ahmedabad were called for.

The fees in the Bombay achool fell from Rs. 12,025 to Re. 12,165, and the attendance

Grant Medical Coltoge.

College of Bcionce oona.


The decrease was due to the new regalution of the University raising the entrance examination. Forty-five students presentad themselves for the first examination newly established by the University, and 17 passed. For the LL.B. Examination there wery 105 candidates and 35 passed. Suitable accommodation for the school was provided in the Elphinstone College, and a sum of Rs. 2,025 was spent in furnishing the lecturerooms and library. In the Poona Class the number of students fell frotn 24 to 22 and the fee-receipts from Rs. 1,750 to Ks. 1,000 One student stood for the First LL.B. Examination and came out first in the first division of the list of passed studenty, The new class in the Gujarat College also passed a student in this exumination.

The fee-receipts rose from $\mathrm{lls} .10,236$ to Rs. 19,040 , and the attendance returns were as ander:-


The Principal's report showed that the college was flourishing.
The fee-receipts rose from Rs. 5,080 to Rs. 8,065 , and the attendance returns of the several departments of the College were as under:-


The University Entrance Examination was conducted at Bombay, Poona, Ahmedábad and Karachi, and out of 1,661 candidates.sent up by the schools 801 passed, while only 115 passed out of 1,369 boys who went up without school certificates, against 627 out of 1,482 and 117 out of 1,474 , which were the corresponding figures for 1830-91. The University School Final Examination was held in Bombay and the number of candidates was 1,267 , out of whom 364 passed. Of the former 739 had received private tuition, of whom 121 passed.

The attendance in the schools teaching up to the Matriculation is shown in the Figh Schools: following table:-


In the Central Division a girls' school at Panchgani was closed, and the New English Central Divisiono School in Bombay was included amonghigh schools. All the Government schools maintained their efficiency. Among aided schools the Portuguese school at Máhim was favourably reported on. The full grant for the Robert Money School was passed; and St. Xavier's, St. Mary's schools, the Parsi Benevolent Institution and the Free General Assembly School were in excellent order. The new English School and Native Institution at Poona-were reported to show continned improvement, and St. Vincent's School at. Poona and the tro schools at Ahmednagar were said to be doing well.

The change in the number of schools in the Northern Division was caused by the inclu- Northern Division. sion of the Palanpur School and the Rajkumár College and by the reduction of the Broach Sabha school to the rank of a middle school. The Government schools were efficient and well supplied with all accessories, and the value of the Tápidás Varajdás Laboratory, attached to the Surat High School, was shown this year by a series of lectures delivered by the teachers of the high school to the masters and assistants of the vernacular schools of the city. Two girls passed the Matriculation from the Anglo-Vernacular school attached to the Mahálaxmi Collere, and the Zenána Mission School at Surat was reported to be efficient. The Surat Mission High School obtained a good report, but the higher standards in the Mission School at Ahmedabad required attention. The private school at Ahmedábád increased in numbers, but its results in the Matriculation and School Final were fair only. All of the schools in Native States were reported to be efficient, and all except Wadhwan were well housed. As sigus of improvement among the schools, the estallishment of a drawing class at Rajkot, of a loys' library and school museum at Wadhwan, of an agricultural model farm under a teacher attached to the school at Bhavnaygar, and of an herbarium at Navanagar, where the head master takes his pupils on botanical excursious, were noteworthy.

In the Southern Division the private school at Dharwar was absorbed by Dr. Ziegler's Southera Division. School, and the Mission schools at Dápoli and Eolhapur were brought upon the aided list, the last named school receiving aid from the Darbar. All the Government schools except Kárwar showed an inprovement at the Inspector's examinations. The large school at Kolhipur continued to flourish, but the remarks of last year still held good of the schools in the States of Miraj, Sangli and Sávantvadi. The London Mission School did well at the Matriculation, but the teaching staff in this school and alsoin the Mission School at Dharwar required strengthening. Both of these schools were provided with new huildings. The Mission School at Dapoli obtained a good report and the Jlission School at Alibág made progress, but required a stronger staff of teachers.

For Sind an increase in the fee-receipts of Rs. 2,797 in Govermment and Rs. 2,715 in Sind. aided schools was reported. The results of the Inspector's examinutions of the Government

Contral Divirion.
schools and of the Sind Madrasa were satisfactory ; and the Missionary schools at Karachi and Hyderabad were reported to be advancing steadily in efficiency. The Union Acarderay was in excellent order, and St. Patrick's School at Karachi continued to be well managed.

The returns for middle schools are shown below :-


A good account was given of the Government schools in the Central Division, and Government sanctioned a large sum for the improvement of the building belonging to the Elphinstone School. The classes or schools under local or municipal boards or in Native States were reported to be doing fairly w inlut special mention was made of the municipal schools at Jalgaon, Bhadraon and Yával in the Khandesh District and of the Dongri School in Bombay. The list of nided schools in Bombay was altered by the closing of the Colabs School and the exclusion of a private school at Dhobi Talív. In the Mofussil there were new schools at Sholapur, Poona and Bbusaval, and the Railway School at Sholápur was re-opened. These nided schools continued to do good work. 'The giris' schools at Lower Máhim and Cavel were doing well, but the Mission School at Byculla was not so satisfactory as usual. Full grants were passed for all the middle schools inspected in Bombay. The St. Xavier's Branch School at Girgaon was struggling to work in unsuitable premises, and the Empreas High School at Dhobi Talay was gradually making good its pretensions by hard work; the Frere-Fletcher and Aloxandra schools on the Esplanade, Bombay, continued to prosper. Among the Mofussil schools the Camp Education Society's School at Poons was warned against overcrowding, the City English School in Poona continued to do fuirly well, the Scottish Zenáns Mission schools showed no falling off, while the Free Charch Mission School in the Camp continued to be efficient. For the rest the Kirkee AngloVernacalar School was strengthened by a grant from the Cantonment Committee; the Ornellas School Was wholly reconstituted; and the Education Society's City School, the S. P. G. Mission School and St. Joseph's School at Ahmednagar did well.

In the Northern Division the Government bchool at Dholka was transferred to the Municipality, 2 schools in Native States were brought on the list, and there werc several alterations in the small schools shown under the remaining headings. All the Government schools were efficient; the Bulsar School still held the first place among aided schools of its class; the Pársi Panchayat and Navsari Schools and the private achool at Nadiad were
popular and efficient, and the Rampur School made a good start, while there was a decline in Umreth, Chikhli, Abrama and Kudsul schools. The schools under municipal boards were gencrally fairly efficient, but the Bassein, Anklesvar and Dohad schools showed a decline, and there was a considerable falling off at Godhra. In Native States the most flourishing schools wẹre the Bhávnagar, Limbuli and Morvi schools; special mention was made of the Bhavnagar girls' school; the Bhaj and Mandvi schools showed increased numbers, and the Nandod, Cnmbay, Idar and Bansda achools were all doing well. There remain the Englishteaching schools; the school at Baroda was in good order, the Convent School at Bándra was conspicuous for its efficiency, and the Stanislaus School at the same place was hardly less successful, while the St. Thomas' School declined in nambers.

In the Southern Division scveral of the classes in board schools were closed, but a good Sonthern Divit account was given of all the remaining classes except 5; of the schools, at Vengurla, J'en, Panvel, Fumta, Gokák, Bágalkot, Gadag, Mahád and Ranebennur ; and of the girls' schooI at Kárwár. A good report was given to all the schools and classes in Native States except

- the school at Mudbol and the class in Daphlápur, especial praise being given to the schools at Jamkhandi, Ramdurg, Laxmeshvar, Kurundvad and Murúd. The changes in aided schools of the Southern Division were cayked by the addition of 2 private schools in the Ratnagiri District, and by the omissiox of 2 schools-the Mission School at Dapoli which was promoted to the list of high schools and St. Joseph's School at Dharwar which was closed. As to efficiency, the Mission School at Roha was reported to require a better staff; the private schools at Kolhapur and Miraj were said to be prosperous; the school at Rajápur was well managed; the school at Guhhgar and the Mission school for girls at Dápoli obtained f.air results; the Roman Catholic schools at Belgaum improved in attendance; and St. Joseph's School at Dhárwár and St. Mary's School at Hubli were doing fairly well.

The changes in the number of schools in Sind were due to the closing of 2 small sind. schools at Karáchi and Hyderabad and to the transfer of the Proprietary School at Shikárpur to the list of unaided schools. A good account was given of the local board school at Tharushah, and the municipal schools at Lárkhana, Sukkur and Rohri obtained good reports. The schools at Tátta, Kotri and Jacobabad made fair progress'; while defects were noted at Miranjo Tando, Sehwán, Umarkot and Kambar. Among the aided schools the Madrasi school and the Pársi Virbsiji School at Karáchi and the Bhiria School were favourably mentioned, but defects were pointed out at Talti, Nausháhro and Kandiáro and in the private school at Hyderábad. The unaided schools at Shikarpur and Kotri were unfavourably . noticed, but high praise was given to a night school and to a girls' school at Karachi.

The following statement gives particulars of existing schools for children of European extraction:-

Schools for

| Clace of Inodintions. | Ainm 8cmoolh |  |  |  | Uxamed. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | $1$ | Areragedeng attennal unoce. |  |  |
|  | 218 | $\begin{aligned} & 1,963 \\ & 1,780 \end{aligned}$ | $\begin{aligned} & 1,804 \\ & 1,657 \end{aligned}$ | $\begin{aligned} & 1,669 \\ & \mathbf{1 , 4 0 2} \end{aligned}$ | 1 | 30 |  |  | ${ }^{41}$ | 29 20 | 1,998 1,780 |
| Total | 41 | 3,748 | 3,551 | 3,064 | 1 | 30 |  |  | 41 | 42 | 3,773 |
| Normal sehoola Induatrial behools Total <br> Grand Total | 1 | 98 .90 | 29 17 | 21 16 | $\cdots 6$. | $\because$ | $\cdots$ |  | $\cdots$ | 1 | 26 20 |
|  | 2 | 46 | 39 | 37 | ... | $\ldots$ |  |  | .-. | 2 | 46 |
|  | 43 | 3,780 | 3,590 | 3,101 |  | 30 | 48 |  | 41 | 44 | 3,819 |
| Crap of lopaltations. | Numeke of PCTIL OT TET <br>  |  |  |  accoadixa to Race ok Crizid. |  |  |  |  |  |  |  |
|  | 妾 |  | - |  | ¢ | $\frac{5}{5}$ |  | 咅 | E\% |  |  |
| $\begin{array}{lll} \text { Bnys } & \ldots & \ldots \\ \text { Girle } & \ldots & \ldots \end{array}$ | 1,903 1,780 | 531 <br> $\mathbf{2 8 8}$ | 10 |  | 50 +15 | 29 108 | 8 10 | 8 | 42 | 485 .. | 351 |
| Tutal | 8,773 | 819 | 46. |  | 65 | 133 | 18 | 10 | 6 | 425 | 351 |
| Normal Nehonls Industrial isin ole | 26 | $\cdots$ | 16 | 94 00 | $\cdots$ | $\cdots$ | ** | $\cdots$ | - ${ }^{\circ}$ | ... | $\cdots{ }^{* * *}$ |
| Total | 26 | -0. | 15 | 44 | *-* | ** | ** | -* | $\cdots$ | ... | ** |
| Grand Total ... | 3,799 | 810 | 61 |  | 65 | 182 | 18 | 10 | . 6 | 425 | 351 |

The school at Colaba was closed，but a good account was given of nearly all the other schools．St．Pcter＇s Girld＇School was in a high state of efficiency，but there were defects in the boys＇school．The Convent schools in the Fiort and Byculla and eapecially the Cathedral High Schools were most satisfactory．The high schools of the Scottish Education Siccety， the Scottish Orphanage，the schools of the Education Society at Byculla and the Indian Female Normul School at Girgaon carned favourable reports，but the suggestions of last year about the Indo－British Schools were repented．The Railway achonls at Parel，Lonavla Sholapur，Sháhábad，Igatpuri and Bhusaval obtained fairly satisfactory reporta，and full， grants were passed for the Convent and Methodist schools at Igatpuri．The Poons achools St．Mary＇s School，the Bishop＇s High School and Mrs．Sorahji＇s school passed excellent examinations，and the Taylor High School also had a satisfactory year．In the Northern Division，the Abu Lawrence School showed an increase in numbors，and its efficiency was well maintained，while the Railway School at Abu was again unfortunate in its ataff．The Ahmedabád Railway School was found to be in excellent order，but the Ghadechi School suffered from a change of teachers and from sickness．In the Southern Division，St．Mary＇s School，Belgaum，obtained a fair report，and the Diocesan School at Dhárwar a very good ono，while defects were noticed in the Rnilway School at Hubli．Sind ahowed a large in－ crease in fee－receipts，the increase being general，but most marked in the Convent High School．A good account was given of the Manora School，of the Kailway School at Kotri and of the 2 echools of Sukkur．The Convent High School maintained its nsual high level of efficiency，and the Grammar School improved under a strengthened staff of teachers．

Exponditare．

## The expenditure on these schools was as under：－

|  | Admo． |  |  |  |  | Unaidid． |  |  | Total Expmidtule thom |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 釟 最 | $\begin{aligned} & \text { 道 } \\ & \text { 喜 } \end{aligned}$ | $1$ |  | $\underset{\sim}{\mathbf{5}}$ |  |  | 岩 |  |  | 1 | 晨 |  |
|  | $\begin{aligned} & \text { R\&. } \\ & \substack{\mathbf{8 , 0 0 0 9} \\ \mathbf{8 0 , 0 n 9 0}} \end{aligned}$ | $\left\|\begin{array}{c} 880 \\ 1,000 \\ 818 \end{array}\right\|$ | Ba <br> B8，409 48.608 |  | $\begin{gathered} \mathrm{Re}_{6} \\ 1,02,500 \\ 1,144,960 \end{gathered}$ | R． 4， 010 －． | $\begin{gathered} \text { As. } \\ 12 ; 810 \\ \cdots \end{gathered}$ | R8． | $\begin{gathered} \mathrm{Ra}, \\ 43,000 \\ 00,0 \times 0 \end{gathered}$ | $\begin{aligned} & 80 . \\ & 1,000 \\ & 018 \end{aligned}$ | R． <br> 63.014 4N，0\％ | R． <br> 71，400 <br> 24，мб | $\begin{gathered} 1 \mathrm{nc} . \\ \substack{1,70, \mathrm{sco} \\ 1,16,400} \end{gathered}$ |
|  | 74，508 | 1，685 | 1，07，106 | 9，186 | 2，77，464 | 4，810 | 12，610 | 17，088 | 74，603 | 1，38s | 1，11，712 | 1，00， 074 | 2，46，400 |
| Formal Bchoat Indurtrial Bohoola | 1，040 | $\because$ | 1,050 20 | \％，102 | $\begin{aligned} & 8,040 \\ & 1,64 \pi \end{aligned}$ | $\because$ | ．． | ． | $\overline{1,040}$ | $\ddot{\square}$ | 1,000 200 | 3,24 1,102 | 0,060 1,060 |
| Total | 8，080 | ． | 1，079 | 4，546 | 7，\＄86 | ．＊ | － | ．． | 2,040 | ． | 1，973 | 4.318 | 7，4045 |
| Bcholarohips ．． Bulldilnga <br> amitare and Appä | i，980 | $\because$ | $\because$ | 8，020 | －088 | $\because$ | $\begin{array}{l\|} \hline 172 \\ . \end{array}$ | ${ }^{172}$ | 1，000 | $\ddot{.}$ | ：． | 1,126 3,020 1 | （1，125 |
| mbus ．．．．．．． | 160 | ． | 0 | 836 | 604 | ． | ＊ | ．． | 10 A | ．． | ．． | 350 | 504 |
| Total | 1，664 | ． | ． | －，000 | 8,407 | ． | 172 | 178 | 1，500 | ． | ． | 4，441 | 0.039 |
| Grood Totel ．． | 78，188 | 1，650 | 1，04，876 | 1，03，810 | 8，90，800 | 4，810 1 | ［19，601 | 17，207 | 74，180 | 1，685 | 1，114，701 | 1，16，611 | 8，04，018 |

## Primary Education．

Primary Sohools for
The number of primary schools for boys in the year under report contrasts with those of the previous year，as under ：－

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \& \multicolumn{4}{|c|}{Manared by Governcment．} \& \multicolumn{4}{|l|}{Manged by Loos Moaril．} \& \multicolumn{4}{|l|}{Managed loy Munlefgel Boarlay，} \& \multicolumn{4}{|l|}{Malriainol by Natlo gratea} \\
\hline \& \multicolumn{2}{|l|}{2800．91．} \& \multicolumn{2}{|l|}{2801.08.} \& \multicolumn{2}{|r|}{1800．01，} \& \multicolumn{2}{|r|}{1801.98.} \& \multicolumn{2}{|l|}{180001.} \& \multicolumn{2}{|l|}{1001.08.} \& \multicolumn{2}{|r|}{1800－91．} \& \multicolumn{2}{|r|}{1801．42．} \\
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Divilion． $\left\{\begin{array}{l}\text { Bombay City } \\ \text { Mofuraf }\end{array} \quad-\right.$} \& \multirow[t]{2}{*}{$\cdots$} \& $\cdots$ \& $\cdots$ \& $\cdots$ \& $\cdots$ \& $\cdots$ \& $\cdots$ \& \multirow[t]{2}{*}{72，501} \& 47 \& 17 \& 48 \& 4，008 \& ． 0 \& $\cdots$ \& ．．． \& $\cdots$ <br>
\hline \& \& 870 \& 1 \& 400 \& 1，477 \& 72.807 \& 1，460 \& \& 101 \& 21，485 \& \& 81，002 \& 108 \& 4，896 \& 100 \& 6，485 <br>
\hline Werthers Divition an \& 8 \& 208 \& 8 \& 800 \& 1，128 \& 60，014 \& 1，001 \& 05，002 \& 140 \& 23，181 \& 147 \& 21，810 \& 1，816 \& 78，103 \& 1，281 \& 74，129 <br>
\hline Coathem Divition ．．． \& 1 \& 188 \& 1 \& 180 \& 1，204 \& 71，104 \& 1，219 \& 72，090 \& 117 \& 14，018 \& 110 \& 14，007 \& 497 \& 20，876 \& 400 \& 20，3， 6 <br>
\hline Ilad ．．． \& 1 \& 158 \& 1 \& 160 \& 200 \& 11，188 \& 88 \& 12，64 \& 80 \& 6，880 \& 50 \& 0，007 \& $\cdots$ \& ． \& m 4 \& $\ldots$ <br>
\hline  \& 8 \& 271 \& 1 \& 210 \& $\cdots$ \& \& \& \& \& 4 \& \& \& \& $\ldots$ \& $\cdots$ \& <br>
\hline 2otat \& 11 \& 1，239 \& \& ， 180 \& 4,008 \& 221，564 \& 4，094 \& 282，200 \& 560 \& 00，872 \& \& 71，887 \& 1，801 \& 100，884 \& 1，850 \& 107，940 <br>
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\end{tabular}



For the Central Division, the season was extremely unfavourable, and owing to want Local BoardSchools. of funds it was necessary more and more to adopt a policy of concentration. Except in parts where there was actual distress, normal efficiency was maintained, and care was taken to sccure the practical teaching of Modi. The decrease in the Northern Division was cansed by the transfer of the Karjat Taluka from Thana to Kolába, but in spite of a very sickly season no retrogression took place, and the efforts of the department towards the improvement of education were warmly supported by all local agencies, and in most districts a fair amount of money was spent on the strengthening of the subordinate establishments, and in the provision of better accessories to schools. The increase in the Southern Division was due to the transfer of the Karjat I'aluka, for the season was everywhere unfavourable, and Bijapur and North Kanara showed a decrease. As to efficiency, a great deal was done to improve school buildings under the liberal rules lately sanctioned by, frovernment. The increase in Sind was shared by all the districts, and Karachi and Hyderabad showed an increase in their fee-receipts. A good deal was done to secure a flow of recruits from the aided schools, and to improve the school accommodation; the pains which were taken to help the village schoolmasters to improve their method of teaching and school management were bearing good fruit; the presidents and vice-presidents of the táluka boards rendered valuable help.

In four districts of the Central Division, the municipal grants to schools were larger, and Municipal Schools. in Bombay the Corporation raised its budget grant from Rs. 39,500 to Rs. 51,300 . Special mention was made of Dhulia, Poona and Sholhpur, but all the large towns showed interest in their schools. In the Northern Division, all districts except the Panch Mabáls and Broach contributed to the increase of the year, the chief contributors being Ahmedábad, Kapadvanj, Dhandhuka, Od, Surat, Nadiad, Rander, Bulsár, Kalyán and Bandra, while Bassein, Kaira, Goghn, Broach and Jambusar showed a decline in numbers. The Surat, Ahmedábad, Nadiad, Thána and Bulsar boards were conspicuous for the good management of their schools. The Southern Division gave a fair account of all the schools except those at Byadgi, Rájapur and Uran. To the increase in attendance in Sind all the manicipal schools contributed, and the fee-receipts showed an increase. Especial praise was earned by the schools at Karáchi, Hyderábíd, Tátta, Lárkhána and Rohri, and the other municipalities generally managed well, but Sukkur showed a falling off, and Shikarpur had not carried out the promised reforms.

The Central Division showed an increase in Bhor and Phaltan, but in Akalkot the Schools in Native scarcity caused a decrease, and there was also a slight falling off in Aundh, Surgána and Statea. Kithi. The Akalkot achools were the most efficient, and the rest worked in a moderately satisfactory manner, no further improvement being possible without increased expenditure. In the Northern Division, increases were shown for Dharampore, Bansda, the Mahi Kantha, Cambay, Rewa Kántha and Jawhár, and Káthiawar showed marked progress with an increase of 12 schools and 1,307 pupils. On the other hand, there was a temporary decline in Cutch, and Pálanpur closed some classes as useless. There was a large increase of feereceipts in Káthiáwár, and great progress was made in Cambay and in Rájpipla. The decrense in the Southern Division occurred in Kolhápur, Ramdurg and Savanur, but there was an increase in Miraj, Sángli, Kurundvád, Jamkhandi, Mudhol, Jath, Janjira and Sávantvadi. The Savantvadi schools as usual obtained a good report, and the schools in Kolhápur, Mirnj, Jamkhandi, Mudhol, and Savanúr, and most of the schools in Sángli, Kurundrád and Rámdurg were well reported on.

The increase in the Central Division occurred in Sholápar, Sátáta, Khándesh and Aided Schools, Bombay. Fifty-nine schools earned grants by results, whilst 316 received aid under Chapter VI, and it was satisfactory that the number of pupils rose in upper primary standards. The decrease in the Northern Division was due to the closing of schools for inefficiency or breach of rules; but these schools belonged to the lower class, and there was an increase in the number of schools aided by results. On the whole, there was a conoiderable tendency towards improvement, e.g., towards the use of books and maps where formerly the only apparatus consisted of sand for the writing-boards and a cane. The

Police School.
decrease in the Southern Division was due to the bad season, which was fatal to the weater schools. Thirteen schools aided by results were doing well, and most of the remaining schools obtained fair reports. Nearly half of the large increase in Sind was due to Shikarpur ; but Karáchi, Hyderábád and the Upper Sind Frontier made contributions, and 'Jhar and Párkar had a small increase in attendance.

The schools at Poona and Nísik were in a satisfactory state, while the other schorls were doing pretty well. In the Northern Division, the 2 schools at Ahmedaluad showed increased numbers, and the 2 schools in the Panch Mahails and the schools at Surat and Nándod were doing well, while a falling off occurred in the schools at Kaira and Thans. In the Southern Division, the schools were doing well except at Bijápur and Dharwár.

The Central Division showed 75 night schools and 2,134 pupils. The decrease of 8 schools and 186 pupils occurred in Local Board and Native State schools. On the other hand, the Managers of the Theistic Association at Bombay showed an increase, and special mention was again made of their schools. The Northern Divisini returned 146 schools with 3,083 . pupils. The decrease of 15 schools and 410 pupils was due to Pulanpur, Broach, Kaira and Thána, but there was a slight improvement in Kathiáwar and in the Ahmedabad schools, and the town schools generally were popular. The Southern Division returned 31 sechonls and 1,004 pupils, a decrease of 7 schools and 307 pupils. There were aiso 46 classes attended by 887 pupils: and the examination reports were generally favourable, especially for the schools in Kolhapur. In Sind the number of schools rose from 41 to 64 and the attendance: from 827 to 1,389 .

The Central Division returned 778 schools and 22,954 pupils- 8 teaching Arabic or Persian and 36 Sanskrit; 40 were Koran schools and 680 primary schools, of which 4 were for girls. The Northern Division returned 660 schools and 23,100 childreen, 21 teaching Arabic and Persian and 14 Sanskrit. One hundred und sixty-seven, including 6 girls' schools, were Koran schools and 452 vernacular. The Southern Division returned 834 schools with 14,679 pupils; 134 of the schools were Mosque schools and the rest vernacular. In Sind, there were 469 schools and 5,719 children; 446 of the schools teaching the Koran and the rest the vernacular.
Primary Schools for Girls.

The attendance returns for girls' schools were as follows :-


In the Central Division, with the girls who attended boys' schools, there wine a total attendance of 14,456 , or an incrense of 103 . Additional scholarships were founded by the Ladies' Branch of the National Indian Association, Bombay, and the Poona Branch of the Association continued to work with the municipality for the improvement of the sehoots. With the girls attending boys' schools the total for the Northern Division was 28,039 girls, or an increase of 786. The board schools in British districts prospered, and there was an increase in Sachin, Rewa Kantha and Káthiawar. The Mission schools in Surat and Ahmedábad, the schools at Bhávnagar, the schools at Rajkot and the Navánagar schooln again earned favourable notice; and in many cases the special certificates for merit, pro-
vided in the Training College Code, were given, although more assistants and more trained twachers among the nessistants were still largely required. Adding the girls in boys' schools, the number of girls at school in the Southern Division was 15,184 against 15,288 in the previous year. The decrease occurred in the hoys' schools and in local board schools, as there was an increase under the other three headings. A good account was given of most of the board schools, and there was an increase in the number of female teachers. The schools in Kolbapur continued under the supervision of the Lady superintendent, and the rest of the schools in Native States obtained fair reports. All of the aided schools, except those at Dápoli, ohtained fair reports, Belgaum and Dhárwar being the bost ns the supervision of European ladies was continued. Counting the girls in boy's' schools, there were 10,466 girls for Sind, or 2,589 more than in "the previous year. The local board school at Nngar Yárkar wos making good progress under the mistress from the Mahalaxmi College. 'l'he 4 girls' schools at Karachi have derived benefit from the supervision of Miss Gibson. The Wedderburn School .with the advantage of instruction from the Convent Sisters was very favourably reported on. The 5 schools at Hyderabad olvained a fairly good report, and the Akatrai girls' school, which was lent to the Hyderabad Normal School, had the benefit of the supervision of Miss Ritchiee and Miss Moore. The aided schools at Karáchi, the Parsi Virbaiji school and the Mission schools obtained a satisfactory report; as also the Mission school at Hyderabbd.

## Tho Education of Special Classes.

The number of pupils roso from 39 to 41. The College was examined by the Educa- Rajkumar Collega, tional Inspector, N.D., and an improvement was noticed in attendance, as also an attempt to give the students instruction in subjects of general interest, and the addition of a drawing class.

The Palanpur school was closed, but the school at Vajiria improved and the Scott College obtained a good and the Wadhwan school an excellent report. In Káthiawar, the young Kumar of Jamnagar was making good progress under private supervision, and the Kumars of the Muli and Chuda Thákors, the nephew to the Sheikh of Mangrol, and the Chief of Manáwadar were studying under the vernacular standards. In the Mahi Kántha 50 children-41 boys and 9 girls-attended school. In Pálanpur 30 children were examined under the staudards. Two of the Nandod boys wëre under private tuition ; the son, nephew and three nieces of the Raja of Chbota Udepur attended school, and so too the daughter of the Nándod Chief, and 16 children of minor Chiefs in the Rewa Kantha. In the Panch Mahals 52 children attended school; 2 boys and 3 girls of the Dharampor family attended school ; and the son of the Jawhar Chief went to Bombay to complete his education. In Ahmedabd 325 boye and 47 girls were attending school, and in Broach 7 children were being educated. In the Central Division 10 boys were in the Sátara High School, including the grandson of the Cbief of Aundh and some members of the Akalkot family. There was also one boy in the Dhulia High School. The class at Kolhapur was attended by the Chiefs of Rámdury and Miraj (Junior), the Himat Bahadur, the Jaghirdár of Hebli, the IBháu Sáheb of Satára, the Dessii of Lokápur and the Chief of Kápsi ; and Bála Sáheb; Chiof of Kágal, attended the Rajaram High School. On the schools for the Mirs in Sind a special report was submitted, which showed that the school at Mir Ali Mardanjo Tando was muking progress, but that there was room for improvement at Miranjo 'lando.

New rules for the Kázi Sháhábudin Scholarships were approved by the donor and by Government. In the Central Division the number of Mahomedans at school rose from 14,419 to 14,672 , and 10,509 of them were in the common schools and only 4,163 in special schools, and every class of school shared in the increase of the year. In the Northern Division the number of Mahomedans rose from 27,467 to 28,673, and all but 5,916 attended the common schools. There was a slight falling off under colleges, but an increase under secondary schools. In the Southern Division the number fell from 18,000 to 16,830 . There was an increase under secondary schools, but a large deorease in primary schools, which was due to the agricultural distress of the year. The number of children attending special schools was 7,875. In Sind the number of Mahomedans rose from 29,883 to 36,746 .

In the Central Division the number of children at school fell from 1,481 to 1,432, the decrease being due to the unfavourable season, but the schools specially maintained for Kolis did better than might have been expected under the circumstances. In the Northern Division the number of children fell from 5,612 to 5,475 . The decrease occiurred chietly in Broach, and was possibly due to an unhealthy season and slightly higher prices than usual. A good account was given of the schools belonging to the Reverend Mr. Thompson in the Mahi Kántha. In the Southern Division the number of children at achool rose from 67 to 79.

## Special Instruction.

Under this head are included training schools for teachers and other institutions of Institations for ${ }^{-}$ professionnl and industrial education. The following are the numbers of existing insti- apecial instraction. tutions and of the popils attending them for the years 1890-91 and 1891-92 :-

天 741-61


Normal Bchoois.
The table giver below shows the number of trained teachers employed by Local and Municipal Boards and by Nativo States:-


In the Poona Colleger 69 students passed the first, 38 the second, and 18 the final examination. The discipline in the boarding-house was satisfactory and the management of the Principal judicions. At Dhulin, 25 students passed tho first and 11 the second year exomination, and the boarding-honses were in a satisfactory gtato. In the Poona College for mistresses 4 women qualified as teachers. The Christian Vernacular Society's Normak School at Ahmednagar was reported to be in its usual state of high efficiency, and its pupils passed a satisfactory examination in all subjects. A good account was given of the Premchand Roychand College at Ahmedábad under its new Principal, Mr. Mádhavlá H. Desai, B.A.; 53 men passed the first, 37 the second, and 27 the final examination, and there were 68 students in the Drawing and 54 in the Agricultural Class. The Mahilaxmi College at Ahmednbad passed 11 women in the first, 4 in the second, and 8 in the fiual examination. In the kajkot College 34 students passed in the first and 22 in the second examination; and in the Barton College at Rajkot 5 women passed in the first, 6 in the second and 5 in the final examination. In the Dharwar Collogo 69 students pussed the first, 37 the second, and 14 the final examination. There were 52 pupils beginning to learn carpentry. In the Kolhapur School for masters one man passed the first and 7 the sccond examination, but the school required a regular flow of recruits. The school for mistresses at Kolhápur presented no pupils for examination. In the Hyderabad I'raining Collego for masters 33 students passed the first, 19 the second, and 13 the final examination. The college advanced in efficiency, and every student was learning carpentry and turning. The normal school for mistresses at Hyderabid was working satisfactorily and 5 students, passed in the first year examination. A good acconnt was also given of the Municipal Class at Karachi, which continned under the supervision of the Sisters of the convent, and passed 2 mistresses in the final examination; aud of the Convent School itself, which passed 4 girls in the first and 2 in the second examination.

Kir Jamsetji
The number of students on the rolls rose from 259 at the end of the previous year to 286 at the close of 1891-92, and the daily average attendance rose from 192 to 26. In like manner, fee-receipts rose from Rs. 3,752 to Rs. 4,469. One huadred and fortyfive students were examined against 123 examined in the previous year; of these 8 passed the frrst, 18 the second and 19 the third grade, making a total of 45 passes against 20 last year: -The number of apprentices in the Reay Workshope rose from 71 to 86

All of the apprentices learnt drawing. The total expenditure on the workshops during the year was Rs. 8,425 and the sale-proceeds Rs. 1,617.

The number of students who learnt drawing in schools for general education rose Drawing Claseen. from 9,150 to 11,199 . The number of pupils examined in the first grade fell from 1,772 in 1890-91 to 1,752 in 1891-92, but the number of certificates granted rose from 186 to 469 , and of prizes a warded from 18 to 43 . In the second grade examination out of 220 candidates, certificates were awarded to 71 and prizes to 16 , while in 1890-91, out of 213 candidates 50 obtained certificates and 70 prizes.

The number of atudents at Poona fell from 106 to 93 . Twenty-eight of these paid Medical Echools. fees, and the amount collected rose from Rs. 1,056 to Rs. 1,110 . There were 22 candidates for the third year examination and 21 passed, 7 being civil medical pupils, 4 stipendiary, 5 military and 1 a Native State pupil. The number of students at Ahmedábád rose from 77 to 83. Forty of these paid fees, and the fee-receipts rose from Rs. 903 to Rs. 1,038 . Eighteen students passed the third year examination. At Hyderabad, the number of students was 32, or the rame as in the previous year; 3 of these pupils paid fees. Eight candidates were sont up for the third year examination, and all passed. The Midwifery School at Hyderabad numbered 7 women under the supervision of Miss Warner.

In April $1891^{\circ}$ Dr. Narimán was relieved by Veterinary-Captain Rayment, and Veteri- Veterinary College, nary-Captain J. Mills received charge in August. The number of stadents fell from 42 to 39 , Bombay. the decrease being due to the withdrawal of unsuitable students. At the annual examination 22 candidates passed out of $42 ; 7$ passing the first, 8 the second, and 7 the final or Diploma Examination. Out of the 7 men who passed for the diploma, 3 were ermployed by Native States on salaries of Rs. 60 per mensem; one joined the Royal Veterimary College, London ; one, who also had a degree in medicine and surgery, was in employment as Assistant Surgeon; one was acting as Interpreter in the Army Veterinary Sichool at Poona, and one was in temporary employ at the college. With a view to make the teaching. of the college more practical, the number of minor subjects for the diploma was reduced. and a special hospital opened at Sewri.

The class at Hyderabad was examined by Mr. Bayliss, the Engineer in charge of the Agricultaral Clasese Hyderíbad water works, and by Mr. Tikamdís, of the Public Works Department, who awarded 10 certificates to the first year and 11 to the second year men. The annual examination of high school classes was conducted by the College of Science, and the results were as under :-

| Fiume ot Eligh School. |  |  | Finmitar Exudmita. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Number | Number | Namter | Number <br> parsed. |
| Násilc ... Bholapar Ahmednagar Ahmedabad |  |  | 12 | 6 | 6 | 4 |
|  |  |  | 14 | 13 | .... | ... |
|  | -.. | ... | 8 | 8 | ... | -.. |
|  | ... | ... | 13 | 10 | ... | ... |
|  |  | Total | 47 | 37 | 6 | 4 |

The Engineering Class attached to the Sind College was examined by officers of the Eingineering Class. Pablic Works Department, and 2 men passed the final examination and obtained appointments as sub-overseers, lst grade, on the temporary establishment.

The increase in the number of schools was caused by the addition of the school at Sirur Industried Schools. and of the municipal school at Poona. The Government grant to the Apprentices' Home came to Rs. 414 against Rs. 1,295 in the previous year, and 14 of the apprentices attended the evening classes at the Vietoria Institute. The Sassoon School was visited by Dr. Cooke; who found that 94 boys were employed in cotton mills and 22 in the Central Press, while 58 were taught within the school walls, i.e., 15 as carpenters, 15 as smiths, 12 as painters; 13 as turners, and 3 as harness-makers. Dr. Cooke reported that the workshops had been greatly improved, that all recommendations had been adopted, and that nothing was. now wanted except a small steam engine to save labour. The smaller schools in the Deccan. were examined by Dr. Thomson; and the Free Church School in Poona earned Rs. 100 for 5 boys who passed in printing and book-binding ; the Panch. Howds School in Poona, Rs. 150 for 8 boys who passed in carpentry and drawing ; the Sirúr School, Rs. 160 for 8 boys who passed in carpentry, rope-making or gardening; and the S. P. G. School in Ahmednagar, Rs. 180 for 9 boys who passed in carpentry. Dr. Thomson also visited 2 schools, which have applied for building grants : the Robertson School at Yandharpur where he passed 31 boys in carpentry, smithy-work and drawing, and the municipal school at Poona where he passed 3 school mistresses and 23 children in drawing. 5 boys in carpentry, 6 boys in smithy-work, and 7 boys in sign-painting. The Parekh School at Surat was examined by Dr. Thomson, who found a falling off in attendance, but praised the work of 8 boys in the smithy, of 11 in carpentry, and of 7 in wood-carving. The Bhúj School of Industry kept up its numbers, and the class at Ahmedabad attached to the workshop of Mr. Lawj

Maistri continued to be fairly prosperous. The Industrial School ab Ratnágiri was inspected by Dr. Thomson, who found a slight jncrease in the attendance, passed 63 boyn in carpentry, and specially noticed the work of the older boys in carpentry and the drawing classes gencrally. The small school at Sávantvadi continued to give instruction in drawing and carpentry; and tho class at Kolhapur had 51 boys, who received instruction in drawing, carpentry, turning and moulding. In Sind the attendance in industrial schools romes from 1,315 to 1,380 . Two new classes in carpentry and iron-work were opened lig a Taluka Board in the Shikarpur Collectorate ; the manicipal classes at Hyderaluad received new apparntus; the Kadirdad Khan Schools continue to flourish, and new work-sheds were erected at Kandiáro and Kan Wahan. The schools at Umarkot, Hála and Dádu were in fair order. The school at Talti was improved, and the Jacobabad Industrial School was working satisfactorily.
Yictoria Jubilot
The number of day students rose from 270 to 280 , while the attendance in the evening classes fell from 69 to 61 . The day students included 23 Christians (including 6 . Europeans); 4 Jews, 80 Pársis, 5 Mahomedans, and 168 Hindus (including 87 Brahmans), while the evening classes were attended by 48 Christians (including 37 Europeans), 8 Jews, 9 Pársis and 6 Hindas. More than 100 of the students belonged to Bombay, but Surat and Ahmedabad each seut over 20, and the rest of the atudents belonged to various Statea and districts stretching from Bhagalpur in the north to Coyion in the south. For the encouragement of the students 14 entrance scholurships wore provided by private benefactors, in addition to 22 scholarships, of which 7 were given by Native States, 7 by public bodies, 7 by municipalities, and 1 by the Government of the North-Western Provinces and Oudh. The staff was strengthened, the library improved, practical instruction was secured by sending 68 of the students to work in the local mills during a part of their holidays, and excellent instruction was given in the branches of engineering and textile manufacture; but from want of funds it was impossible to take up new subjects which were urgently required, such as electrical engineering and plumbing. The annual examinations for the two branches that were open were satisfactory, except in part of the test in physics. The first public presentation of awards took place in February, when certiticates were given to 74 students who passed in the first class and gained the title of Licentiate of Mechanical Engineering, and to 15 students who passed in the first class and gained the title of Licentiate of Textile Manufacture. Certificates were also given to tho students who passed in the second class- 17 in the first branch and 8 in the second.

## Mfiscellaneous.

For the second grade certificate, 276 candidatas were successful out of 836 , and for the the third grade 1,302 out of 3,929 . The number of passes in the previous year were respectively 348 and 1,375 .

The teachers of gymnastics were put through a course under European instructors in the Central Gymnasium at Bombay. The educational museum in Bombay was well cared for by Mr. Dubash.

The list of registered libraries was enlarged by the opening of 2 libraries in Knthinwar, and there were 44 libraries in the Central Division, 54 in the Northern, 30 in the Southern, and 8 in Sind. The Vernacular Committees in Pooia, $\Delta$ hmedábad, Dharwar and Hyderabad continued their laboars on the improvement of school books, and Rs. 6,381 were spent by Government on useful books; the most important payments being Rs. 1,200 for a translation into Sindhi of Philips' Picturesque History of England, Rs. 900 for a translation into Marathi of Lardner's Treatise on Heat, Rs. 550 for a Marathi work on industrial arts, Rs. 500 for the fourth volume of the "Dinkard," Rs. 503 for a Marathi work on astronomy, and Rs, 485 for a Banskrit work.

## Literature and the Press.:

## LITERATURE.

During the year 1891, 1,408 publications were registered under Act XXV of 1867 against 2,044 in 1890. Of the former, 912 were books und 496 issues of periodicals. Of the books, 586 were first and subsequent editions of original works, 165 were re-publications and 161 translations. Most of the periodicals were original. Of the total number of publications, 144 were educational. The decrease in the number of works catalogued was attributable to the amendment of Section 9 of Act XXV of 1867 by Act X of 1890, which exempts from registration a second or subsequent edition of a book in which no additions or alterations have been made and a copy of the first or some preceding edition of which bas been registered. Of the 1,408 publications, 796 were printed at Bombay in 50 presses, 381 in Gujarat at 24 presses, 200 in the Central and Southern Divisions at 37 presses, and 25 in Sind at 8 presses.
Engliah worka.
The number of books published in English fell from 8.1 to 71 and of periodicals from 87 to 68 . Of the books 69 were first or subsequent editions of original works, 9 were repablications and 3 /translations. Of the periodicals 60 were original, and 7 purported to be arts publications, while the remainder, with the republications, were classed as miscellaneons. The post interesting and useful of the English publications were works on law and medicine.

The number of books published in Murathi fell from 394 to 223 and of periodicals from Marathi works. 167 to 164 . Of the books, 166 were first or subsequent editions of original works, 21 were republications and 36 translations. A large proportion were classed as miscellaneous, while works of poetry numbered 29 and of fiction 27 . Of the periodicals, 21 were classed as arts publications. Most of the 10 biographical publications were of an interesting character. There were 2 historical works deserving mention, one being an account of the Peshwas from 1713 to 1818 and the other dealing with Persiu and the Parsis. Among the miscellaneous pablications " Hindu Social Reform" furnishes a brief account of the progress made in the direction indicated by the title.

In Gujuríti were published 297 books and 230 periodicals against 395 books and 310 Gajarati workn. periodicals in the year before. Of the books, 219 were original works, 37 republications and 41 translations. Including republications, 103 of the books were poetical works, 70 of which were first editions of original poetry ; of the periodicals, 197 were classed as miscellaneous, and 10 were philosophical. The work entitled "Agriculture," Vol. I, by Ganesh Govind Gokhale, was a nseful addition to Gujarati literature. The only works of fiction with any claim to literary merit were to be found anong the translations from English. Of miscellaneous works the "Gujaráti Cyclopædia," Vol. Y, was a praiseworthy attempt. "Tandarosti" was a useful medical guide; and "Parsi Prakásh," being a record of important events in the growth of the Pass community in Western India chronologically arranged from a.d. 1861 to the prescint date, was deserving of mention.

The number of Hindi books published fell from 59 to 22,12 of which were poetical Hindi works. and 4 on military subjects.

There were only 25 Urdu publications against 76 in 1890, and there were no periodi- Urdu works. cals in Urdu.

Original books were published in three other vernaculars besides Kanarese, as well as one Books in other in Portuguese. In all, 22 books were published in Arabic-Sindhi, 28 in Kanarese, and in four vernacolars. other languages 10 books, 6 of which were republications. There were also 11 miscellaneous Kínarese periodicals produced during the year. None of the above call for special remark.

Turning to the classical languages, there were 43 Sanskrit publications, 15 in Persian, Clasaical languagos. 3 in Arabic, 1 in Zend and 2 in Hebrew. There were also 19 purely Sanskrit periodicals published during the year. The lifo of Shankaracharya, a concordance to the principal Upánishads and Bhagavadgita, and Paryatana Minánsa, in which it is attempted to establish that a Hindu need not be excommunicated for foreign travel by sea, were the most interesting Sanskrit productions.

Ten Marathi and English and 7 Gujarati and English books were publisked during the year against 9 and 23 respectively in 1840. Sanskrit and Marathi books numbered 36, Sanskrit and Gujarati 30, Sanskrit and English 14, Sanskrit and Hindi 14, and in 24 other combinations of two or more languages there were altogether 39 publications as well as 6 Marnthi and Sanskrit periodicals. The Marathi and English work of last year, entitled "The shaving of widows unauthorised," was supplemented by a similar work in Kánarese and Sanskrit during 1891, in which the author offered a reward of Rs. 500 to any one producing texts from the Shastras written before A.D. 1528 contradicting his position.

The number of works registered for copyright during 1891 was 409 against 356 in the Copyright. preceding year: of these 354 were private and 55 Goveroment pablications.

Generally speaking, the literary activity of the year 1891 was somewhat below the average, and there was little in the quality of the literature produced to distinguish it from other years. The large proportion of republications and translations to original works was slightly leas than last jear.

THE NATIVE PRESS.
At the end of the year under review there were, in all, 187 newspapers and 23 periodicals treating of current matters, against 138 newspapers and 28 periodicals of the previous year. Twelve newspapers and 6 periodicals ceased to exist, while 11 newspapers and 1 periodical came into existence during the year ander report. The tone of all the new newspapers was sober, and the Prabhat and O Portuguez Britannico were conducted with some ability, the others being of little importance.

The circulation of the papers during the year under report showed only a slight improvement over that of the previous year. Eleven newspupers claimed a circulation of 1,500 copies and upwards. The Jagaddhitechchhu, a Marathi paper, reported a circulation of 5,200 copies; next came the Kesari with 4,350, the F'arsi Tikakar 4,000, the Sudhirak 3,040, the Kaiser-i-Hind 2,502, the Gujaráti 2,450, the Jam-e-Jamshed 2,000, the Bombay Samáchár 1,800 , the Kást Goflár 1,697, the Din Bandhu 1,550 and the OAnglo-Lusifano 1,500. Among the magazines the Mraháráxtra Kokil had a circulation of 1,500, the Mradhur Tachan 1,41已, the Gul Afshan 1,200, the Kaira Khetivádi Patra 1,100, and the Sauráshtra Darpan and the Ajab 1,000 each. Comparing the number of newspapers in 1891 with that of ten years ago, it is found that the former was nearly double the latter. In circulation also there has been a general improvement.

в 741-62

The tone and character of the press generally was nearly the same as that described in the reports of previous years. The newspapers, as usual, freely criticised the measures of Government. Some of the Native prass was sober and reasonable in tone.

In discussing the subject of taxation the Native press expressed itself disappointed at the Government of India's inability to reduce the duty on salt from Rs. 2-8-0 to Kis. 2, esndemned the policy of Government as regards the sale of toddy, abkari matters in general, and the restrictions imposed by the forest laws on the free use of forest produce; and disapproved of the revised land assessment introduced into the Ahmedabad District, and of the decisions of settlement officers as regards the khoti lands in the Ratnagiri District. A topic which provoked much discussion was the aotion, attributed to certain reformers in Poona, of taking tea at a social gathering.

The Indian National Congress.

The sixth Indian National Congress held at Calcutta was considered a success, and the resolutions of the Congress, praying for the presentation to Parliament in committee of the Indian badget statement and that it might be taken up at such a time as to ensure full and adequate discussion, and approving Mr. Bradlaugh's modified Bill for the expansion of the Imperial and Provincial Legislative Councils, were upheld,

Opinion was divided on the administration of His Fxeellency Lord Lansdowne. One party, representing a large majority, observed that His Inrdskip's policy had not been satisfactory to the public, and that some of his acts had caused positive dissatisfnction. It was frankly admitted, however, that in some particulars the administration of His Lordship was entitled to every praise, and certain sections of the press affirmed that His Lordship had proved to be a wise and firm ruler.

Several acts of His Excellency Lord Harris' administration were praised, while some were found fault with. The speech made by His Lordship at the opening of the Nasik tramway feeder line was pronounced to be very encouraging. His Lordship was highly praised for observing, in his reply to the municipal address at Belgaum, thant the addresses to be presented to high officials should contain not only the bright side of the picture, butalso the dark one. Similar praise was elicited by the resolation of Government forbidding all serłants of the Political Agency from occupying Darbar utárás, or accepting Darbar hospitalities, during their sojourn in Native States. The atterances of His Lordship, in reply to addresses presented to him in his tours in the Presidency proper and in Sind, were acknowledged to have maintained his reputation for frankness, shrewdness and sound common sense; while in disparagement of his administration were quoted the rejection of certain memorials on different subjects, and certain alleged changes in the matter of education.

The appointments of Mr. John Nugent as an additional member of the Viceroy's Legislative Conncil, of Mr. Hormasji Dádábhái as Fifth Judge of the Small Causes Court, Bombay, of Mr. Vijbhukandás $\Delta^{\prime}$ tmárím as a member of the Board of Trustees of the port of Bombay, the re-appointment of the Honourable Rao Bahadur Odharám Mulchand as an ndditional member of the Bombay Legislative Council and the confirmation of Mr. Justice Farran in place of Mr. Justice Scott on the Bombay High Court bench met with the entire approval of the press. Similar approval was expressed of the appointment of the Honourable G. N. Curzon as Under Secretary of State for India. The appointments of Mr. C. W. Chitty, Barrister-at Law, as Acting Chief Judge of the Small Causes Court, Bomhay, of Mr. J. S. Slater, Barrister-at-Law, as Acting Chief Presidoncy Magistrate, and of Mr. Van der Strauten as a Judge of the Bombay Small Causes Court were disapproved. On the retirement of the Honourable Mr. Justice Scott from the High Court bench he was pronounced to be a patient, painstaking and affable Judge, who commanded the affection of the bar, and the public. Mr. Fairlie Muir's career as Collector of Belgaum was much praised. Mr. Tawney, Principal of the Presidency College, Calcutta, was severely blamed for utterances regarding the people of Bengal. Government were requested to appoint a Native as Third Presidency Magistrate. The reply of Government to the memorial of the Presidency Association on the subject wos disapproved, and the rojoinder of the Association commended.

It was thought that the sontences meted out to those convicted of being concerned in the Benares riot cases were over-severe, and that Sir Auckland Colvin's resolution on the subject was disappointing. The reasons given for awarding heavy punishment in the case in which the patil, kulkarni and mulla of the village of Dehu, in the Poona District, were convicted and sentenced by Mr. Plunkett, City Magistrate, Poona, for assaulting Europeans were not considered satisfactory. Dissatisfaction was expressed at the disposal, by the criminal sessions of the Bombay High Court of September 1891, of three cases in which Europeans were charged with murder. The sentence of imprisonment for three yeurs with hard labour passed by Sir Arthur Callins, Cbicf Justice, Madras High Court, on a European artillery sergeant for causing grievous hurt to a Native cobbler was approved.

Complaints against the police of most of the districts of the Presidency for not being able to prevent or detect thefts and robberies were rife as usaal, while the police of the Presidency town was taken to task for permitting professional swindlers to defiraud individuals of large sums of money.

The visit of His Imperial Highness the Czarewitch to India was welcomed as creating a friendly spirit and cultivating a better understanding between England and Russia It
was desired that the Czarewitch and his brother should be given the fullost opportanities of seeing India, especially the Native States. A host of rumours were said to prevail among the ignorant as to the object of the visit of the Czarewitch, and the intelligent and respectable portion of the press exhorted educated Natives to disabuse the minds of the ignorant classes of these false impressions. After the completion of the Czarewitch's tour, and on his learing the Indian shores, the country was congratulated on giving the Prince a hearty and sumptuous welcome and on his leaving India in sound health.

Sir Andrew Scoble's Bill for raising the age of consent from ten to twelve years was Legistation. heartily approved by the social reformers both in and out of the Hinda community, but was strongly disapproved by the orthodox, who vehemently opposed the measure. Another Bill on which there was difference of opinion was the Indian Factory Bill. Some of the papers observod that it aimed at gratifying the selgish motives of Lancashire and that the Indian mill hands would thereby be reduced to misery, while other papers approved the

- Bill. The new Boilers' Inspection Bill was approved, with the exception of the section requiring periodical inspection of prime-movers. The Bill authorizing the Civil Courts to admit, in evidence, true copies of acconnts in mercantile books in order to prove a claim, was much approved. Certain amendments were suggested in connection with the Compalsory Vaccinstion Bill for the districts in the Bombay Presidency. An amendment of the Local Self-government Act was suggested to the effect that males and females, admittedly and notoriously vicious or convicted of such vices as gambling and adultery, should not be allowed to vote or to be voted for, and that as bribery was not seldom resorted to in the elections of large municipalities, some new clauses should be inserted in the Municipal Act to provent it.

On the re-introduction into the House of Commons of Lord Cross' India Councils Bill in the form in which it passed the House of Lords last year, it was observed that the provisions of the Bill did not go far enough.

The death of two young Parsi ladies by falling from the Rajabai Tower in April 1891 The Kajibwi Tower made a profound sensation. The theory that the fatality wes due to accident was subscribed tragedy. to by some papers, but vehemently opposed by the Pársi press.

It was complained that the professorial staff of Government Arts Colleges was not Edication. recruited with due care. The year's appointments to the fellowships of the Bombay Coiversity were considered satisfactory. The system of appointing Professors in local colleges as examiners in the University examinations was disapproved.

The chief complaints against railways were, as usual, about the overcrowding of third class carriages and inattention to the wants and conveniences of that class of passengers. The representation of the Bombay Chamber of Commerce as regards the opening of feeder railway lines in Gujarát and Khándesh received hearty support. It was complained that the hours of work in some of the railway departments were much too long.

The resolution issued in January 1891 by the Bombay Government on the Poona Municipality was disapproved. However, in September 1891 great satisfaction was expressed that Goremment had modified their views. The position of the Government of India towards the Bombay Municipal Corporation in the matter of the Tansa loans was disapproved. It was said that it was unfair to saddle the Municipality of Bombay with the whole cost of the police, and a protest was entered against the proceeding. The position of the Bombay Government towards the Bombay Municipal Corporation in regard to the maintenance of a contagious diseases hospital was also complained of. The introduction of a house-tax in various manicipalities wes disapproved.

Though the murder of Mr. Quinton and his party was regretted, the whole policy of Government in connection with Manipur was freely criticised, but the non-aanexation of the State gave much satisfaction. The introduction of a sort of representative government into the Mysore State was much praised and recommended for adoption by other Native States. The decision of the Government of India; that the Maharija of Kashmir should take his seat as President of the Council of Regency and that any differences arising among the members should be referred to the arbitration of the Resident; was approved hy several newspapers.

## boarbay brance of the royal asiatic society.

During the year under review forty-four gentlemen were elected members of the Society, eighteep members resigued, three died, sis retired, and four having left Bombay had their names transferred to the list of non-resident members; while, on the other hand, three who were on the list of non-resident members having returned to Bombay were restored to the list of resident members. The total number of members at the close of 1891 was thas 217 , including 10 life members, against 201 at the end of 1890 . Of these 27 were absent from India Eight gentlemen were admitted as non-resident members. One withdrew, two died one retired, and three having come to Bombay were placed on the list of resident members; while, on the other hand, 4 having left Bombay were transferred to the list of non-resident members. The number at the end of the year on the roll was $6 t$, while that at the end of 1890 was 59 .

Chap. VII. nivtriotions. Labrary.

The income realized during the season amounted to Rss, 1,200. To this must be ndded
Rs, 116, the residue of last year's balance, nfter dovoting Is. 125 to the Reserve Fund of Rs, 116, the residue of last year's balance, after dovoting Iss. 125 to the Reserve Fund. Of the total income Rs. 100 were carried to the Reserve Fund and Rs. 502 dovoted to current expenses, leaving a balance of Rs. 714. The Reserve Fund of the Society, including the amount credited as shown above, stood at Rs. 6,025 , of which Rs. 0,400 were invested in Government papor.

## SABSOON IECHANICS' INS'TITUTE.

Of the 401 members of the Institute on the 31st March 1892, 125 were life-members, 6 honorary life-members and 270 ordinary members. There were 365 books added to the library, of which 117 were presented, and at the close of the year the library contuined 11,536 volumes. The average number of books circulated per dny was 110, and of magazines and periodicals 55 per day. Eighty-five magazines, newspapers, reviews, \&c., were taken in during the year. Three lectures were delivered during, the yenr: the dirst by Principal R. G. Oxenham, M.A., on "The Stars and how to observe them;" the second by Surgeon-Captain T. D. C. Barry on "The Principles of Chemical Analyses;" and the third by Surgeon-Mnjor K. R. Kirtikar on "Indian Flowers." 'I'he lecture hall building fund amounted to Ks. 15,930 . The currentincome was Re. 0,354 (including a loan of Rs. 2,300 obtoined from the Endowment Fund to pay off arrears of municipul, taxes and the cost of making certnin additions and alterations in the lower hall of the Institute building) agningt Rs. 7,035 in the previous year, and the expenditure Rs. 8,512 againgt Rs. $6,81{ }^{\prime}(0$ in the preyious year. The Endowment Fund amounted to Rs. 7,529.

## Arts and Sciences.

## THE VICTORIA AND ALBERT MUSEUM, BOMBAY.

The issues of books during the year under report were 13,271 volumes of new works including periodicals, and 8,685 of old books. The issues during the year preceling were 13,216 volumes of new books and 8,038 of the old. There were 760 volumes arlded $w$ the library during 1891-532 by purchase and 228 by presentation. The total number of nemp books purchased during the year was 477 in 532 volumes, es compared with 403 works in 550 volumes purchased in the year before. The newspapers, periodicals and journals of learned Societies subscribed for and presented to the Society, during 1891; numiered 107.

There were 148 coins added to the cabinet during the year by accuisition under the Treasure Trove Act. Of these 11 were received from the Bombay Government, 36 from the Bengal Government, 74 from the Punjab Government, 6 from the Resident at Hyderabéd, 11 from the Government, Central Provinces, and 10 from the Chief Commissioner Ajmere. Of the total 148, 2 were gold, 64 silver, 79 copper, and 2 of a mixture of gold and silver, and 1 of silver and copper.

The total amount of subscriptions collected during the year, including arrears Rs. 400, was Rs. 9,005. The subscription received in 1890 amounted to Rs. 8,197. The balance to the credit of the Society on 31st December 1891 was Rs. 1,076 , and the arrears of subscriptions on the same date were Rs. 740. The invested funds of the Society amounted to Re. 8,600.

## the gojaratt dnya'n prasa'rak mandly.

The season 1891-92 (1st July 1891 to 30th June 1892) was the forty-fourth since the establishment of the Society in 1848 and the twenty-second since its revival in 1870.

During the season there was an accession of two new life-members (including one transfer from the list of annual subscribers) and of two new annual subscribers. But five life-members died, so that the total number of life-members at the end of the senson, including two honorary members, stood at 87 ; the total number of annual subscribers, after deducting 3 withdrawals, stood at 54. The annual grant of Rs. 300 to the Society was applied towards defraying the expenses of the lectures delivered during the senson.

Seven lectures were delivered under the aursices of the Society at the Frimji Cowasyi Institute. The following subjects were dealt with :-"The Language of Music ;" "The great Volcanic Eruption of Krakatoa in 1883;"" The First Parsis in India;" "Reproduction in the Vegetable Kingdom;" "The Contributions to Science and Philosophy by the Muhomedans of the 12th Century A.D., as gathered from the works of Persian authors;" "The Management of Infants;" and " Women in Ancient Persia."


#### Abstract

Numerous additions were made to the departments of mammals, birds, reptiles and geology, but the departments of fishes and entomology received few additions. Most of the specimens of mammals and birds were received from the Suporintendent, Victoria Gardens, and all the geological specimens came from the Kaladgi Tajuka of Bijápur.


The most important additions were a model of the Pársi Tower of Silence presented Anthropological by Mr. Framji Dinshaw Petit, and the Jeypore portfolio of Architectural Details presented division. by His Highness the Maháríja of Jeypore. The department of Artware received many additions, and several coins were received from the Bombay Branch of the Royal Asiatic Society, as well as five from the Collector of Bareilly.

The museum was open to the public for 310 days during the year. The total number visitors. of visitors rose from 414,184 to 515,044 , giving a doily average of 1,663 .

Government and the Corporation each granted a sum of Rs. 100 pex month for the Trade maseum. term of five years towards defraying the expenses of a trade museun, to be worked conjointly with the Victoria and Albert Museum.

## KARA'CHI MUNICIPAL LIBRARY AND MUSEUM.

The Curator reaigned his appointment last year, and no one was chosen to fill his Managementand place : great care was, however, taken to maintain and preserve the specimens in the Museum. No additions were made during the year either by collection or exchange. The Museum whs visited by 6,049 Europeang and 40,350 Natives daring 1891-92,

## CHAPTER FIII-ARCHEOLOGF.

## ;

Abchaological Subvey Party op Wegtern India.

Frox the beginning of May until the 4th of Novomber, 1891, the eatablishment was occupicd at hend-quarters, Poona, chicfly in inking in and preparing drawings for photo-lithography. Sixty-eight aheets of drawinge, made in the North Gujarat and Abmednagar districte, at Bijapur and Satrunjayn, were worked up in ink. All the drawings for the volume on the remains in His Highness the Gaekwar's northern districts were completed. The manuscript account of the same, prepared by the Superintendent of the Archsological Survey, was also finished and sent to England to be edited and published. Twenty-threc drawings were forwarded to the Assistant Sarveyor-General, for the Technical Art Sorics, of which 5 were selected and seproduced.

On the 4th of November, camp was moved out from hend-quarters at Poons to Yeoat, and the survey of the temple of Bolefvira, situatod upon tho chain of hills about three miles to the south-west of Yeoat, which was commenced last.season, was completed. From Yennt camp was moved to Kokamthinn three miles to the south-east of Kopargoon. Hero, upon what appears to be an artificial embankment, projecting out into the stream, and apon the north-east outukirts of the village, is an exceedingly interesting old templo. From Kokamthin two draftemen were sent to Sinnar to commence work on the great tomple of Gondesivara, the remainder of the party making a detour round by Sangamner and Akola to survey the work at Akola, Rntanvidi, and Tahakari. At Akoln, which was reached on the 24th November, there is situated to the crant of the town, mome little distance above the bank of the Pravara river, the old temple of Siddeivara. From Akola excursions were made to Tahtakari and Ratanvadi, where photos and drawings were. made of the fine old temples at those places. At Sinnar, twenty miles south of Nasik, is the largest and most complete "Hemndpanti" temple in the Deccan-the temple of Gondesvara, or, as it is sometimes erroncously called, Govindervara. There is also on the north-went of the town a very interesting and exquisitely carved little temple in the Clanlukyan style. This exumple of the etyle that is almost exclusively confined to the Kanarese districts, is the furthest north yot found. Just outside the east gate, by a well, are two colossal Jaina figures. These wero half boried in the earth, but were dug out and net up above ground. While at Sinnar the loan of two sets of copper-plates, and of a single plate with a Persinn inseription was obtained. Impreasions were taken from all. From Sinnar camp was moved to Manmid and thence to Nandmaion and Chaliggaon, but none of the places visited from thene camps were of mach interest. Patna, which was reached on the 1lth January 1892, is the site of a deserted town, now overgrown with jnngle; the few ruins that still remain standing were inspected. Vaghli was next visited, the remains there being the temple of Mudhaidovi, a mile to the south-west of the village, and the temple of Krishna in the village, containing some interesting inseriptions. From Vághli camp was moved on to Nágardeola, cight miles further, near which place, at Sangumefvara, was found an interesting old temple. After making some drawings and photographing the temple, the party moved, on the 2nd February, to Pachora, from which place as a centro the following places were visited, viz. Pimplegaon, Kurhad Kurd, Lohárra, Shendurni, and Nóndire, as well as Khátgron, Ghirkhed, Chartan, Changdeva and Kandári ; but none of them were of mueh archeological interest. On the lith February camp was moved via Maheji to Erandol, whero is a large, atrongly built old quadrangle known as the Pándava's Vada, the remains of a strongly built and enclower mosque. Undikheda, the next camp, proved disappointing, but at Baleane, which was next visited, there are the remains of nine temples and buildings. From Balaine a draughtaman and photographer were sent to Prakafha and Taulai, but tho photos and drawinga brought back by them proved that these places are of little interest; a clerk, too, was sent to Indwa, which proved to be of as little account archsologically. Laling was reached on the 14th March, and on the 15 th March camp was pitched at Jhodga, where there is a well-finished templo of Mahadeva. From Málegaon, on the route from Jhodga to Chándod, two draughtmen and the photographie asesistant were dexpatched to Devalana in the Kalvan Taluka, where there is an old three-bhrined temple dedicated to Jafesivari. After finishing at Devalina, they met the party at Nivik, travelling vid Kalvan, Saptaringi, Vani and Dindori. They examined the remains at these places, which turned out to be of no particular interest. Tho party next worked at Chandod, where there are the temple of Renuka Devi, a Jaina cave, some inscriptions, and a gallery of caves up in Indrai Fort. From Chandod the party journeyed on to Násik, arriving there on the 30th March. Fourteen miles went of Nasik, on the Trimbak road, is Anjaneri or Anjini, where there are a large number of small shrince. From Anjaneri a trip was made to Trimkare,
the great place of pilgrimagre, but containing little of archseological account. Camp was next moved to Igatpuri, and a Jain cave near Tringalvedi was visited. Kalyán, below the Ghits, was next visited, and from thence Ambarnáth, three or four miles away, where a few good drawings of neat and pretty designs, likely to be of use in the Technical Art Series, were oltained. At the end of April the field season was closed. During the season there were in all 74 drawings made and 64 photographs and 37 facsimiles of inscriptions taken.

The stepe taken towards the conservation of remains in the Bombay Presidency during the year were the following:-For Ahmedábad there were eleven estimates for repairs to the Fateh Masjid (Rs. 495), Sayed Usmán's Razza (Re. 336), Muháfiz Khán's Masjid (Rs. 170), Baba Lului's Masjid (Re. 1,275), Ahmad Sháh's Masjid (Re. 2,063), Rani's Masjid at Kocharap (Rs. 726), Aba Turab's Rauza (Rs. 441), Mahomed Ghor' Masjid (Re. 288), Malik Sarang's Masjid (Rs. 482), Malik Shalan's Ravza in Rakhial (Rs. 395), and Bibiji’s Masjid at RájpurHirpur (Rs. 932), in all Rs. 7,583, all of which wére approved. The ruinous condition of parte of the Jami Masjid at Champanir was brought to notice, and a revieed estimate for repairs was framed, amounting to Rs. 2,792, and approved of. Another estimate. was subsequently framed by the Erecutive Engineer for repairs to the Wandra Masjid, the Nagina, the Nevaj, the Ranza near the Patar Tank, and a Rauza near Halol, amounting to Re. 1,4l0. This estimate was returned approved. The buildings at Bijapur claiming most attention were the Gol Gumbaz and the Ibrahim Rauza. Estimates for repairs to the cornice of the Gol Gumbaz were, after several alterations, approved. The extimate framed for repairs to the Ibrahim Ranza' was'a heavy one, but was sanctioned after revision and alteration. The work of erecting the.gun trophy at Bijápur remained in abeyance, as the estimate was not approved. An estimate was prejared for certain repairs to the mosque at Dabhol in the Ratnagiri District.

The Superintendent of the Archmological Survey in May 1891 arranged and classified the Miscellaneoun exhilites in the museum in the Yaqut Mahál, Bijapur, and handed over charge of the same to the Huzfrr Deputy Collector.' In July, 26 copper-plate grants, which had been in the charge of the Depurty Collector, Thana, were received from Government for inspection, but they proved to be of little archæological value; a similar copper-plate was obtained at Násik; as well as the thrse mentioned above obtained at Sinnar.

## CHAPTER IX.-MISCELLANEOUS.

## Ecclesiastical Jurisdiction.

ESTABLISHED CHURCH OF ENGLAND.

| Clergy and members. | THE following table gives the number and classification of the clergy attached to the Diocese of Bombay in the year 1891-92:- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | ation. |  | No. | Bemarkh |
|  |  |  |  |  | 25 |  |
|  | Chaplain | ** |  | ... | 25 | Three alsent onf farlough, ons on sick leava. |
|  | S. P. G. | $\cdots$ | $\cdots$ | ... | 10 | Ton European priosta, |
|  | C. M. B. | -. |  | - | 9 | Nino Kuropena priesth. |
|  |  |  |  |  | 2 | Two native prioath. |
|  | Society of St. John tho Evangelist |  |  | ... | 1 |  |
|  |  |  |  | ... | 3 | Throe Eliropean nasooiated, all priesta. |
|  | Reilway Ch |  | $\cdots$ | ... | 4 | Four, all priesth. |
|  |  |  |  |  | 03 |  |

Eight clergymen, 'besides the chaplains, were in receipt of salarios from Government as ministers of the Holy Trinity Church, Sonápur, St. Peter's, Mizgaon, Kolhapur Camp, Railway Chaplain, Bhusaval, Chaplain of Parel, Panchgani, Jail, and the Harbour. Four chaplains were on furlough or special leave, two retired, one died, and three were brought on the strength of the establishment, two of whom were appointed on the new footing of probationary chaplains. The effective strength of the establishment .was well maintained during the year under review, no important station having ever been vacant.

| Churches | All Government churches in stations visited during the year were in good substantiny repair. The foundation-stone of the new Railway church at Igatpuri was laid in September 1891. |
| :---: | :---: |
| Tinitation Tonr. | The following places were visited during the year by the Right Reverend the Bishop of Bombay :-Igatpuri, Lanaoli, Ratnágiri, Hurnai, Marmagon, Dápoli, Mahábaleshvar, Pánchgani, Poona, Kirkee, Ahmednagar, Sátára, Kolhapur, Hubli, Sholápur, Mátherán, Dharwar, Gadag and Castle Rock. |
| Cemeterice. | All of the cemeteries inspected were found to be in good order. No new cemetery was consecrated, but a small cemetery was enclosed at Gadag. |
|  | The middle class schools in Bombay and Poona were maintained during the year under report. Funds are being raised for a further addition to St. Mary's School, Poona. The Committee of the Panchgani High School are no longer in a position to maintain the status of the school as a high school. |

## ESTABLISHED CHURCH OF SCOTLAND.

Estáblishonent.
There was no change in the establishment, consisting of four chaplains and four ministers recciving allowances from Government. ".
Cburch baildingro were attended by about 1,624 Europeans and 22 natives.

The Scottish Orphanage, the Byculla Scottish School and the John Connon High School were conducted with their usual efficiency. The numbers in the Orphanage somewhat decreased, but those in the day-schools were maintained. A useful and promising littie school at Quetta, opened for the children of non-military residents there, had to be closed.

The cemeteries in charge of the chaplains of the Church of Scotland were maintained in good order.

## THE ROMAN CATHOLIC CHURCH.

There were in the Archdiocese 45 churches or buildings nsed for worship served by 39 priests. There were also 30 priests teaching in the St. Mary's and St. Xavier's Colleges, The Roman Catholic Christians numbered 14,886 persons, of whom 11,695 were natives and $\mathbf{3 , 1 9 1}$ Europeans and Eurasians.

The diocese of Poona comprises the Khandesh, Nasik, Poona, Abmednagar, Satara, Sholápar, Bijápar and Dharwar Collectorates and the State of Kolhapur; Belgaum and one charch in Poona being under the jurisdiction of the Archbishop of Goa. In the

Poona Diocese there were 31 churches or buildings used for worship served by 28 priests. Of the 15 European priests, five were military chaplains salaried by Government, and of the 13 native priests, two were drawing Government salaries. 'The Roman Catholic Christians in this diocese numbered 9,829 , of whom 8,540 were natives.

## OTHER CHURCHES.

During the year under report there were, in the Presidency of Bombay, 620 members of the Wesleyan Church, of whom 20 were natives; 750 members of the Free Church of Scotland, of whom 550 were natives ; 35 members of the Bombay Baptist Church, of whom 8 were natives; and 765 members of the Methodist Episcopal Church, of whom 447. were natives.

## Stationery.

- The value of the stock in hand at the beginning of the year under review wa Rs. $2,30,270$, and that of the closing balance was Rs. $2,18,258$. The receipts of stores, from all sources, during the year were worth Rs. $3,76,410$, and stock worth Rs. $3,38,452$ wasissued by the Department.

Stores of country manufacture to the value of Rs. $2,44,212$, as compared with Purchase of country Rs. $2,80,742$ in the preceding year, were purchased during the year under report. .The storea decrease was mainly due to the necessity of importing certain varieties of printing paper from England, owing to the high rates quoted by Indian mills; but the saving, which resulted to Goverament from the substitution of Indian stores for those of European manufacture, rose from Rs. 94,671 in $1590-91$ to Rs. 99,741 in 1891-92. The metallic seals, for the use of Government offices; manufactured by the Superintendent, Government Printing, Burma, were found to be costly and unsuitable, and a contract was entered into with the Thiversal Rubber Stamp Company of Bombay for the supply of seals for five years. The working of these rubber stamps gave rise to no complaint. The sthistitation of nibs for quills in certain offices effected a small saving.

The two copying machines of local manufacture supplied to the Commissioner of Police, cycostyles and Bombuy, and the Commissioner in Sind, for trial, worked well. The Superintendent of copying mnchinea. Stationery was accordingly authorized to order locally the number of machines required, from time to time, for issue to Government officers. The price of these machines was Rs. 18, acrainst Rs. 42, the price of the English machines formerly used; but, whether the reduced initial expenditure of the local machines will bo counterbalanced by greater. durability of the English machines, remains to be seen.

There was a decrease of Rs. 3,000 in the value of paper consumed at the Government Paper. Central Press. With the exception of the Bombay Education Society's Press and the Postal Press at Bombay, which showed an increase of Rs. 787 and Rs. 8,279 , respectively, a general decrease was apparent in the value of the articles supplied to the different printing presses from the Bombay Stationery Stores, the net diminution being Rs. 18,807.

## General Miscellaneous.

government central press.
The gross enrnings of the Government Central Press during the year 1891-92 were Rs. $3,44,8+3$ (including Rs. 30,493 cash receipts and adjustments), and the espenditure, including wear and tear of plant, was Rs. $2,58,097$. In 1890-91 the earnings.amounted to Ks. $3,41,917$ and the expenditure to Rs. $2,58,010$. The increase of Rs. 2,926 in the earnings was due partly to increased work done for Goverument officers, but chiefly to increased earmings of the Foundry attached to the Press. The increase in expenditure was only Rs. 87.

The value of the work done for the various departments and officers was as shown below :-


Ohap. IX. MANEOUS. ANEOUS.

Barningt.

Outturn of work

Earningy and expenditure.

## GOVERNMENT PRINTING PRESS, KARACHL

The following table contrasts the value of the work done by the Government Press in Sind during 1891-92 and the preceding year:-


The value of the year's work was thus Ra, 4,313-6-9 in excess of that for the preeeding year. The consumption of stationery increased by about 16 per cent. ovor the expenditure in 1890-91. The carninge of the Press during the past year exceeded its working cost by Rs. 9,848-10-9, the respective figures being Rs. $38,595-6 \cdot 4$ and Ks , 28,746-11-7.

GOVERNMENT PHOTOZINCOGRAPHIC OFFICE, POONA.
The subjoined statement shows the work of the office together with its cost in contrnst with the outturn and cost of the previous year:-


While the "paid work" turned out was greater both in quantity and value, the "unpaid work" was greater in value though less in quantity as compared with the previous year. This falling off in quantity was more than made up by the increase in quantity uurler the head of "Paid Work." I'he total value of the work turned out during the year was Rs. 88,081 , which was greater than the value of the last year's work by Re. 7,803.

The receipts from other sources amounted to Rs. 3,000. The total realizations during the year, including the value of "unpaid work," were thus Rss. 91,081 against Rs. 84,523 in the year previous. The expenditure of the institution amounted to Ks. 68,718 agninst Rs. 60,330 of the previous ycar. Deducting the amount of expenditure from the total realizations Rs. 91,081 , there remained a balance of $R a, 22,363$ in favour of the institution.

STATISTICAL RETURNS.

## CRAPTER I.-STATISTICS OF PHYSICAL AND POLITICAL GEOGRAPHY.

## A.-Grographical area.

Geographical area of the territories under the Civil and Political control of the Government of Bombay in 1892.

(1).-Statement showing Political Relations with


4

## RELATIONS.

Native States in the Bombay Presidency.


App. I. B. (1).]
bOMbAY ADMINISTRATION REPOBT.
(160) for
B.-POLITICAL
(1).-Statement showing Political Relations with

(App. I. B. (1).

## RELATIONS-continued.

Native State in the Bombay Presidency-continued.

\begin{tabular}{|c|c|c|c|c|c|}
\hline Grome Rerenuo. \& Mallary Yorce \& Trande Dus levied or nots. \& Pricelpal articlen of prodaction and manalacture. \& Memarks. \& <br>
\hline Re. \& \& \& . - \& \& <br>
\hline \& 245 \& Not levied ... \& \& \& <br>
\hline \& 818 \& Do. \& \& \& <br>
\hline ...... \& 35 \& **** \& ... \& \& <br>
\hline 2,15,048 \& 70 \& ...... \& Jowári, rice, bajri, sugarcane, wheat, cotton, pulse, cotton-cloth, and tape. \& \& <br>
\hline 3,00,383 \& 105 \& Not levied $\quad .$. \& Rice, nágli (́ragi), jowári, kodra, pulsee and gram. \& \& <br>
\hline 2,88,199 \& 206 \& ....": \& Paddy, jowári, nágli, khurásani (Niger soed) and kodra. \& \& <br>
\hline 1,39,121 \& ...... \& -..... \& $\cdots$ \& \& <br>
\hline 13,313 \& ...... \& Not levied ... \& Rice, nágli and timber. \& \& <br>
\hline 1,88,400 \& *-... \& Do. \& Rice, ntgli and timber. \& . \& <br>
\hline 8,55,041 \& 303 \& Do. \& Rice, nágli, vari, harik (kodra), til, cocoanut, betel-nut, timber, myrabolams, hemp and fish. \& \& <br>
\hline 4,37,684 \& 437 \& Do. \& Rice, náclıni (rági), vari, cocoanuts and betel-nuts; ornsmental forniture in painted lacquer work; inlaid cocoanut and kuskas fancy articles and embroidery and carved and engraved horn-work. \& \& <br>
\hline 3,76,060 \& ...... \& Do. - ... \& Rice, nágli, sáva, \&c. \& \& <br>
\hline 3,11,683 \& .....* \& Do. \& Jowári, bájri, kardni (safflower seed), wheat, oil-cakes, gram and cloth made on country looms. \& \& - <br>
\hline 3,10,898 \& ...... \& Do. \& Wheat, gram, jowári, bajjri, ground-nut, jígri, onl, \&e. \& $\cdot$ \& <br>
\hline 2,99,281 \& 49 \& \& Jowári, rice, sugarcane, gram, wheat, linseed and bajjri. Sádis, coarse or common shelás, cholis and common turbans are produced by weavers. \& \& <br>
\hline 34,36,319 $\{$ \& 1,679

629 \& $\left\{\begin{array}{cc}\text {...... } & \\ & \\ \text { Not levied } & \ldots\end{array}\right\}$ \& All the common grains, rice and jowfri being the most extensively grown. Vegetables, sugarcane, tobacco in considerable quantities; also cotton and chillies, kusamba (saffiower), ground-nat, \&ic. Coarse cotton and woollen clothes; articles of pottery and hnrdware, coarse sugar, glass bangles and paper. Iron is found in small quantities in laterite stones. \& . \& <br>
\hline 10,33,741 \& 484 \& Do. \& Jowari, wheat, rice, sugarcane, gram and cotton ; coarse country cloth, lugdis and native musical instruments. \& \& . <br>
\hline 3,19,467 \& 543 \& \& \& \& <br>
\hline 3,26,009 \& 273 \& \& \& \& <br>
\hline 1,35,710 \& 176 \& \& \& \& <br>
\hline
\end{tabular}

(1).-Statoment ahowing Political Relations with.


## RELATIONS-continued.

Native States in the Bombay Presidency-concluded.


| Mane of Indiridual, state and Findy to which he belongen | Rowdenos | Prement podiliolt | Onces orl men and ralusion. | 480. | How and wberse demetes. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 5 | 6 |
| CUTCE <br> His Highness Maháraja Dhiraj Mirza Mahí Ráo Shri Khengarji Sarni Bahádur, G.O.I.E. <br> PALANPUR. | Bhùj . | Reigning Soveroign. | Jádoja Rajput... | : 257 | Private education : ... |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| His Highness Sher Mahomed Khanji Lohávi. <br> His Highnese Biamilla Khán Bábi |  | Divin or Chief of Pblanpur. Navtib or Chiof of Raddanpur. | Pathan, Maho medan. Do. | 40 | Do. |
|  |  |  |  | 60 | Do. |
| Fis Righness Sir Kemrisinzji Jawansingji, K.C.S.L., Jodhpur family. | I'dar . . ... | Ruler ... | $\Delta$ Rathod Rajpat of the Solar raco, Hindu. | : 29 | Rajkumar Collegr, Rajkot. |
| EATHIA'WA'R. |  |  |  |  |  |
| His Highness Naváb Rasul Khánji Mohabat Khanji, G.C.I. E., Babi family. | Junágad ... | let Clam Chicf Raler. | Bábi Mahomedan <br> Rosjput, Hindu... | : 84 | Private education i ... |
| His Highness Jám Sir Vibháji K.C.S.I., Jádeja Rájput. | Navanagar ... | Do. |  | - 06 | Do. |
| His Hikhness Mahh́raja Sir Takhataingji, G.C.S.I., Gohel Rajput. | Bhávnagar ... <br> Dhrángadra ... | Do. |  | 84 | - Majkumár College; Rajhot. |
| His Highners Raja Suheb Sir Mansingji, K.C.S.I., Jbála Rájput. |  |  |  | 65 | Privato edacation ...d |
| His Highness Thákor Sáhob Sir Waghji K.O.I.E., Jadeja family. | Morvi - ..0 | - Do. - ... | $\begin{array}{\|ccc\|} \hline \text {. } & \text { Do. } & \ldots . \\ & \text { Do. } & \ldots . \end{array}$ | - 34 | Rajkumár College, :Rajkot. <br> Do. |
| His Highness Thákor Saheb Sir Bhagvateingji Sagrámji, K.C.I.E., Jádeja family. | Gondsl | Do. - |  | 27 |  |
| Ráne Sthri Vikıńtji, Jethva family ... | Porbandar ... |  | Do. $\quad .$. | 73 | Privato education ... |
| His Highness Jafar Ali Khón Sakeb, belonging to Mominkhón family. | Cambay ... | Feudatory | Mognl Mahome dan, Bhiah. | 44 | Do, |
| BARODA ... ... ... ... - | .....' | ***** | . $0 \cdot 0 \cdot$ | ... | ...... |
| REWA KANTHA. |  |  |  |  |  |
| Mahiríns Gambhirringji, Rája of Raj. pipla. | Nándod ... | $444^{\circ}$ | Gohol Rajput Hinda. Chowan Rájput, Hindu. <br> Do. | 45 | Privatereducation |
| Mahárámal Motisingji, Rajja of Chhota Udepar. | Chhota Udepur. <br> Báriya | Ruler $\quad$.. |  | 32 | Do. $\cdots$ |
| Maharáwal Mánsingji, Raja of Brriya ... |  | Do. |  | 30 | Rajkamar Collogo, Raju- |
| Mahárána Wakataingji, Raja of Lunávada. | Lumávíds ... | Do. . ... | Solanli Rajput, Hindu. <br> Musalmán | - 39 | Do, ... |
| Manwarkhanji, Babi of B6lasinor ... | Bulsainor ... | Do. |  | 48 | Private education ... |
| Maháréna Pratápaingji, Rája of Sunth... | Sunth $\because$ | Do. | $\begin{gathered} \text { Powhr Rajput, } \\ \text { Hindu. } \end{gathered}$ | 31 | Rajkumar Collego Rajkot. |
| NA'RUKOT |  |  |  | $\cdots$ |  |
| 2Navíb N6jaf Alikhen Valdo Sidi Abdul Kadar Khán. | $\begin{array}{lr\|} \text { Sachin } & . . \\ \text { Banodz } & . . . \\ \text { Dharampor } & : \cdot \end{array}$ | Minor <br> Rája <br> Do. | Musalmán, Suni. <br> Solanki Rajput, Hindu. <br> Bisodia Rajpat, Hisdu. | 6 | ...... |
| Maháráral shri Pratápaingji Gulsbsingji Vansidia dynasty. |  |  |  | 28 | Rajkumbr College, Rajkot. |
| Mahárána Shri Mohandovji NǴrandevji of nolar dynasty. <br> JANJIRA. |  |  |  | 29 | Educated in Gajarati at Dharampor and in English in the Rajkumar Colloge, Rajkot. |
| Naváb Sidi Ahmed Khén Bidi' Ibréhim Khán Yókub Khán. | Murad-Janjira. | Chiof of Janjira | Sidi Surul Khhn, Gudj Munalmán. | 30 | Rajkumar Colloge, Rajkot. |
| 19 |  |  |  |  |  |

## RELATIONS-continued.

Ohiefz in the Bombay Presidency.

(2).-Dtatement showing Ruling


## RELATIONS-continued.

## Chiefs in the Bombay Presidency-continued.



## B.-POLITICAL

(2).-Slatemont ahowing Buling


## RELATIONS-concluded.

- Ohiefs in the Bombay Presidency-concluded.



## O.-CIVIL DIVISIONS


(\%).-Civil Divisions of Torritory under Political Control.

D.--POPULATION.
$\stackrel{\rightharpoonup}{0}$ (1).-Population of British Territory.

(2).-PPopulation of Native States.


App. IL. (1) \& (2).]
BOMBAZ 4DMINISTEATYON REPORT.
CHAPTER II.-ADMINISTRATION OF TH円 LAND-SETTLEMENTS. (1),-Stutement showing the date on which the current settlement in each district of the Bombay Presidency expires, i. o., the date on which each distrist becomes open to re-selllement.

(2) $=$ Statement ahoming. the total cost of. resesetilement oper:utions. in the Districte of the Bombay Presidenoy and the total revenue demand qonnequent on re-sottlementias it atood in the ysaz 1801-92:

| Naple of Colleotornte. | - Total. turoper of iv14\%40 | Total rovenue of the virtare roalizod In the yuar before the introduction of the roviaton cottloment. | Rovien domend conmeguent on resolltement. | Total costr of rorimionj | DIflereneot botwoon old and rovinol Tevonus. | Paroontagy incruce. | Amame. - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 14. | Ban | H18, | 81. |  |  |
|  | 238 | 7,67,018 | 9,43,602 | 4,00,489\% | 1,00,740 | $25 \cdot 1$ |  |
| Thins $\because \because \quad \because$ | 60 | 1,6046 | 1-11,156 | 180,600 | 4,811 | $00^{\circ}$. |  |
| Ehandeah -. -* | 1,263 | $18,00,639$ | 17,07,108 | 230.017. | - 803,564- | 808 |  |
|  | \% 724 | 8,08,106 | 8,38,103 |  | : 2,40,000 | 60.8 |  |
| Nagrar Pront | 1,0173 | 9,81,679 | 12,45,096 | 0,20,148 | 2,03, 220 $8,60,602$ | 289 |  |
| $\underset{\text { Pronk }}{\text { Bhompur }}$ | ${ }_{683} 88$ | 0,03,075 | 11,67,457 | $0,11,708$ $4,68,100$ | $8,65,612$ $8,90,100$ | $888{ }^{38}$ |  |
| gitirs .. .0. | 238 | 8, 2 2, 688 | 4,63,185 | 2,17,162 | 1,20, 862 | $80 \cdot 2$ |  |
| Koliba .. -. ... | $2 \times 8$ | 1,14,010 | 1,60,004 | 9, 98,862 | 42,644 | 77.6 |  |
|  | 2,200 |  | 10,480017 $18,72,885$ | 8,23,218 $4,00,180$ | 2,00,007 $6,78,450$ | 81 48 |  |
| В1j¢pter .. -.. -. | 000 | 6,10,311 | 10,00,439 | 8,69,524 | 2,74,122 | 83.6 . |  |
| Total, | 8,7104 | 80,02,600 | 1,15,84,5724 | 00,04,641 | 28,0\%, 004 | 88 |  |

## CHAPTER III.-PROTECTION. A.-LEGISLATIVE (ACTS).

> (1).- Statement of Acto passed by the Leyirghture of the Presidency of Bombay in 1891-98 (between 1st April 1891 and Slat Barch 1892), and sanctioned as required by law.

| Tick of det | By Ehom propoed. | Object and charscter of the Acts | Date of mention. |
| :---: | :---: | :---: | :---: |
| Aet Na 1 of 1891. $4 n$ Aot to mmend the Bombey General Cleasery Act, 1866. | The fionourable Eir R. Weat, K.C.L.E. | The object and character of this act have been deacribed at pagen 51-82 of the Administration Boport for $\mathbf{7 8 9 0 - 9 1}$. | His Excellency the Governor ol Bombay's assent was given on the 23rd Angost 1891 ; and His Ex. cellency the Viceroy and Govers or General'n arcent ras given or the 10th October 1891. |
| Act No. 2 of 1891. An $A$ ot to amend the law for the pariodical Inspection and the mansgoment by compotant fingineers of Boiler and Prime-movers in the Preaidency of Bombay. | Do. .. | The object and character of this Aet havo been described at pages 50.51 of the Adminirtration Boport for 1890-91. | His Excellency the Governor 0 Bombsy's assent was given on thi 29th Soptember 1891; and Hi Excellency the Viceroy and Gov ernor General's gesent was gives on the 28th December 1891. |

## A.-LEGISLATIVE (BILLS).

().). Statemont of Bills proposed and pending in the Legislature of the Presidency of Bombay in 1891-99.

B.-POLICE.

| Disiche． | －Cossi． |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Premoxs ${ }^{\text {a }}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{aligned} & 4 \\ & 8 \\ & 8 \end{aligned}$ | N |  | $\begin{aligned} & \frac{8}{8} \\ & \frac{8}{8} \\ & \frac{8}{8} \frac{8}{2} \end{aligned}$ |  | Iareatigated bs Pulice， |  |  | Number of caves in columins 10 in 18 and ofthuso inventignted by Pollce in column b． |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { 品 } \\ & \hline \end{aligned}$ | Nrmber arrested or appeared on durlag the yeur． |  |
|  |  |  |  |  | $\frac{8}{8}$ | 홍률 | － |  | \＃ <br> E． <br> E． |  |  |  | b． |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 部 | $\underline{5}$ | 58 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ${ }^{8}$ | 晨 | 8 | ${ }^{8}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | － |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ${ }^{\circ}$ | －8 | －${ }^{\text {郘 }}$ | H8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | E | 50．0 | 鱼 | $\square^{5}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | ${ }^{\text {厚 }}$ | 唇憵 | 䨖 | 這 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 9 | 3 | 4 | 6 | － | 7 | 8 | － | 10 | 11 | 12 | 13 |  |  | 14 | 13 | 10 | 164 |  | 17 |  | ${ }^{18}$ | 19 | 20 |
| Dambay Prostdoacy including the Prorince of Sind．．． | 28，801 | 137 | 1，200 | Sss | 13．577 | 14，595 | 84 | ne | 24，588 | 571 | 105 | 12，573 | 2.197 | 1，109 | 60：2 | 83.4 | 4，284 | 21 | 89 | 1，857 | 146 | 77，800 | 10，076 |
| H．N．Ralliwy <br> B．B．\＆C． 1 Rumitma … <br> G．1．P．Rallway <br> s．x．Radway | cos | $\cdots$ | － | （10 |  |  | $\begin{aligned} & 100 \\ & 100 \\ & 8 \cdot 1 \end{aligned}$ |  | （1，248 | $\therefore{ }^{-1}$ | $\cdots$ | 417 173 121 | S01 | ［ | $\stackrel{80}{80}$ | 87． | ¢ | $\cdots$ | $\cdots$ |  | $\cdots$ | 64 <br> 901 <br> 984 <br> 20 | 8 |
| $\begin{aligned} & \text { Touel .. } \\ & \text { Aumbay City and lolead }- \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1，833 | 1 | 90 | 80 | 1，130 | 88 | ${ }^{001}$ | 738 | 1，781 | 1 | ．．． | $8 \cdot 6$ | 106 | 20 | 46.3 | 88.7 | $\infty$ | $\cdots$ | －－ | ${ }^{3}$ | 1 | 1，962 | \％ |
|  | 17，590 | $\cdots$ | 1 | 39 | 16，547 | 15，247 | 7712 | 2e\％ | 13，800 | － | －－ | 12，077 | is | 18 | 87 | 1 | \％ | ．．． | $\cdots$ | 47 | － | 18，400 | 8，778 |
| Graxd toral ．．． | 47，087 | ${ }^{11}$ | 1，311 | 24s | 3 Sc 214 | 30，450 | 524 | 30 | 30，909 | 578 | 108 | 25，470 | 8，350 | 1，207 | 689 | 88：3 | 4，830 | 21 | 89 | 1，407 | 147 | 47，56 | 14，477 |


B.-TOLICE-continued.

Non-Cogntrarla Cmar.
(2.)-Genorul atatement of orime, showing the resulte of Police and Magisterial oparations in the detection and prosecution of orime in the Bombay Presidency, including the Prorince of Sind.

B.-POLICE-continued.

## (3).-Thuggee and Dacoity, Administration of Poisonous or Stupefying Drugs for Criminal purposes and other professional crimes.


(4).-Statement of A"dditional Polics collected for the Proteotion of Persohs and Property at Fairs.
B.-POLICE-continued.
(5). -Statement ahouing the Sbrength, C'ast,

[App. III. B. (5).
-continued.
Distribution and Employment of Police.

(5).--Silatement showing the Strength, Cost,


## -continued.

Distribution and Bmployment of Polico-concluded.

|  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | To Arome |  |  |  |  |  |  |  |
|  |  |  |  | Ot Dutrict, exclusire of Towas. | $\begin{aligned} & \text { 苞 } \\ & 0 \end{aligned}$ |  |  |  |  |  |
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| $\begin{array}{r} 7726 \\ 1,213.3 \\ 400 \\ 7868 \\ 8,854 \\ 1,076.71 \end{array}$ | 540.9 1,0316 357 605 679 $972 \cdot 40$ | 232.3 $181 \cdot 7$ 43 147 177 $107 \cdot 18$ | 8.28 $3 \cdot 18$ 3.67 20.47 9.38 5.06 | 143 8.15 8.67 20.4 8.93 8.01 | 20.2 35.02 1.40 0.063 27 81.38 | 1,999 $1,688 \cdot 3$ 7,725 4,604 3,606 $1,166 \cdot 56$ | 1,398 $1,435 \cdot 5$ 647 3,701 2,864 $1,048 \cdot 8$ | 601 $252 \cdot 8$ 77 903 746 117.76 | 2,202 1,149 431 622 839 2,811 | 4.77 2.78 1.00 8.76 4.66 3.97 |
| 843.93 | ...... | ...... | 5.78 | ...... | ... | 1,658.8 | ... | ... | 8,054 | $3 \cdot 40$ |
| $\begin{aligned} & 1,251 \cdot 002 \\ & 839.38 \\ & 1,091 \\ & 1 \text { too } 989 \\ & 1,249 \cdot 73 \\ & 1,310 \end{aligned}$ | $1,152 \cdot 4$ $722 \cdot 36$ 1,014 $1, t 0810$ 1,09924 1,069 | 98.6 117.027 76 1 to 118 150.48 240 | $\begin{array}{r} 23.6 \\ 11.073 \\ 9.81 \\ 1 \text { to } 8.27 \\ 7.34 \\ 11.9 \end{array}$ | $\begin{gathered} 22 \cdot 3 \\ 8 \cdot 84 \\ 9 \cdot 8 \\ 1 \text { to } 8 \cdot .25 \\ 7 \cdot 19 \\ 11.90 \end{gathered}$ | $1 \cdot 3$ <br> 9.22 <br> .01 <br> 69 to 1 <br> 6.85 <br> 190 | $\mathbf{3 , 0 7 3 \cdot 4 5}$ <br> $1,597 \cdot 45$ <br> 1,393 <br> $1+31,645$ <br> 1,805 <br> 1,975 | $2,831 \cdot 2$ $1,374 \cdot 73$ 1,295 $1+0.436$ 1,602 1,613 |  | $\begin{array}{r}609 \\ 1,976 \\ 1,032 \\ 2,412 \\ 1,302 \\ \hline 684\end{array}$ | $\begin{aligned} & 177 \\ & \cdot \\ & 2.20 \\ & 1.70 \\ & 8.71 \\ & \text { to } 1 \\ & 1.9 \\ & 1.8 \end{aligned}$ |
| 1,055 18 | .... | .....* | 10.6 | ...... | ... | 1,775.02 | ... | ... | 7,915 | $2 \cdot 26$ |
| $\begin{aligned} & 1,218 \cdot 6 \\ & 1,210 \cdot 2 \\ & 1,247 \cdot 11 \\ & 68762 \\ & 1,109 \\ & 1,345 \\ & \hline \end{aligned}$ | $1,119 \cdot 8$ 1,0592 1,076 $8,38 \cdot 4$ 1,049 1,263 | 888 $264 \cdot 9$ 169 $49 \cdot 11$ 1,203 81 | 10.4 16.4 15.9 20.9 4.90 10.8 | 10.4 16.8 15.8 2078 5.44 10.6 | .004 <br> .05 <br> 47.5 <br> 8.13 <br> 2.45 <br> .14 | $1,837 \cdot 2$ <br> $2,301 \cdot 8$ <br> 3,689 <br> $2,285 \cdot 82$ <br> 1,306 <br> 3,046 | 1,770 <br> $1,739 \cdot 4$ <br> 3,186 <br> $2,067 \cdot 26$ <br> 1,319 <br> 2,861 | $1,161 \cdot 1$ $264 \cdot 1$ 503 $188 \cdot 56$ 1,202 181 | 1,064 1,083 853 571 552 831 | 2.3 3.07 2.99 3.95 1.21 2.2 |
| 1,127.83 | ..... | ...... | 1196 | ...... | ... | 2,317•30 | ... | ... | 4,934 | 2.36 |
| 396.02 <br> $854 \cdot 61$ <br> 636.84 <br> 820 <br> 687-19 | $\begin{array}{r} 310.08 \\ 1,062.78 \\ \hdashline 736.48 \\ \mathbf{T} 638.39 \end{array}$ | $85 \cdot 48$ 469.84 - $83 \cdot 67$ $48 \cdot 8$ | $19 \cdot 8$ $15 \cdot 85$ $33 \cdot 14$ 16.04 19.53 | $\begin{array}{r} 19 \cdot 74 \\ 15 \cdot 80 \\ \cdots \cdots 16.01 \\ 19 \cdot 51 \end{array}$ | $\begin{array}{r} 17 \cdot 46 \\ 8 \cdot 79 \\ \dddot{33 \cdot 95} \\ 34 \cdot 77 \end{array}$ | $788 \cdot 93$ $1,608 \cdot 84$ 776.57 $1,624.12$ $1,353.03$ | $\begin{array}{r} 618 \cdot 43 \\ 1,507 \cdot 63 \\ 1, \dddot{368 \cdot 62} \\ 1,056 \cdot 99 \end{array}$ | $\begin{array}{r} 170.49 \\ 469.84 \\ 1765 \cdot 48 \\ 96.09 \end{array}$ | $\begin{aligned} & 1,325 \\ & 2,622 \\ & 603 \\ & 8,477 \\ & -561 \end{aligned}$ | 1885 4.59 1677 5.79 4.35 |
| 688.70 | $\ldots$ | ...... | 20.04 | ...... | - ... | 1,196.14 | ... | ... | 8,588 | 3.67 |
| ...... $\ldots \ldots . .$. ..... | ...... $\ldots$ $\ldots \ldots .$. $\ldots \ldots .$. $\ldots$ | ¢ <br> $\ldots$ <br> $\ldots \ldots .$. <br> $\ldots \ldots$. <br> $\ldots . .$. | $\begin{aligned} & 1.25 \\ & .69 \\ & 2.6 \\ & 2.5 \\ & \hline \end{aligned}$ | …... ..... -.... | … $\cdots$ $\cdots$ |  | $\cdots$ $\cdots$ $\cdots$ $\cdots$ | $\cdots$ $\cdots$ $\cdots$ $\cdots$ | 891 246 1,046 170 | .66 .62 1.9 .61 |
| .. | ..... | ...... | ..... | ..... | ... | ...... | $\because$ | ... | 1,853 | $\cdots$ |
| 4.43 .23 | ...... | ...... | ...... | .....0. | ... | $\ldots$ | ... | ... | 17,894 | $9 \cdot 79$ |
| 84548 | .... | ...... | .... | ...... | .- | 1,793.06 | ..- | $\cdots$ | $=49,38$ | ...... |
| thewa to the Hecticn dealjog with the polto in I'ert II of this reporta <br>  B 74i-8 ap |  |  |  |  |  |  |  |  |  |  |


-continued.
General Internal Management of the Force.

B.-POLICE-concluded.
(7).-Statement showing the Race and Religion or Casto of Officers and men employed in the Police.


## O.-JUDICIAL STATEMENTS.





## C.-JUDICIAL STATEMENTS-conlinued.

(2).-(Criminal).-Statement of offences reported and of persons tried, convicted and acquitted of each class of offence in the Presidency of Bombay in the year 1891.


## C.-JUDICIAL STATEMENTS-continued.

(2).-(Criminal).-Statement of offences reported and of persons tried, convicted and acquitted of each class of offence in the Presidency of Bombay in the year 1891-continued.


## .C-JUDICIAL STATEMENTS--continued.

(2).-(Criminal).-Statemont of offences reported and of persons tried, convicted and acquitted
of each class of offence in the Presidency of Bombay in the year 1891-concluded.

C.-JUDICIAL STATEMENTS-continued.

## C.-JUDICLAL

(2A).-(Criminal.)-Statement showing the general resull of the trial of European


Norx. - The Bgeres in staternent No. 3

38

## STATEMENTS-continued.

British suljects in the Presidency of Bombay in the year 1891.



## C.-JUDICIAL STATEMENTS-continued.

(5).-(Criminal).-Statement of miscellaneous proceedings under the Criminal Procedure Code in the Presidency of Bumbuy during the year 1891.

| Fisture of proceoding. | Total number of cascas betore tho courts durlng the yoar | Number of nerment concaraed. | $\begin{aligned} & \text { Nurnbor } \\ & \text { oof pernona } \\ & \text { discharyod. } \end{aligned}$ | Nimber of permors convicted. | Remanta |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 8 | 4 | 5 | 6 |
| 1. Procgedings agninst witnessee under Claptor VI-C and Section 455 ... | 3 | - 8 | ... | 8 |  |
| 2. Procoodingu ander Chapter VIII to provont browh of the peace ... ... ... ... ... ... ... | 141 | 302 | 160 | 232 |  |
| 3. Procoodings andor Chapter VIII, ecenrity for good bohaviour .. ... ... ... ... ... ... | 1,360 | (a) 1,643 | 308 | 1,213 | (a) Of these, the came axzinat |
| Proceoding against local nuisancos, Chaptor X . ... | 80 | (b) 68 | 22 | 44 | (b) of throo, the ramen axumet 2 permant wete pending at the ollow of the year. |
| 5. Pomsanion, Chaptor XII ... ... ... ... ... | 14 | 42 | 88 | 6 |  |
| 6. Frivolous or vexations complaintn uammarily dealt with undor Cbapter XX, Bection 200 and Chapter XLVI, Section 560 ... | 171 | 224 | 40 | 176 |  |
| 7. Non-attendnace of Jarors or Asecssors, Ohapter XXIII, Section 332 | 10 | 10 | 6 | 6 |  |
| 8. Maintonsnce, Chapter XXXVI ... ... . .. | 214 | (c) 018 | 703 | 150 | (0) Do. do. |
| 9. Forfeiture of bail or recognizance ander Chapter XLII... | 208 | 287 | 87 | 200 |  |
| Total ... | 2,857 | 3,484 | 1,618 | 1,028 |  |

(4).-(Criminal).-Statement showing the general result of Criminal Trials in the tribunals of various clusses in the Presidency of Bombay in the year 1591.


## C.-JUDICIAL STATEMENIS—-rontinued.

(5).-(Criminal).-Statement showing the punishment inflicted by the various Oriminal Tribunals in the Presidency of Bombay in the year 1891.

O.-JUDICIAL STATEMENTS-continzed. -
(6).-(Criminal).-Statement showing the result of appeal and revision in criminal cases in the Presidency of Bombay in the year 1891.

| tabuxala | Nomen or masox: |  |  |  |  |  |  |  |  |  |  |  | Rnusten |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Sentenceor or } \\ \text { order or } \\ \text { Arinod. } \end{gathered}$ | Sentenod. |  |  | $\xrightarrow{\text { Promednge }}$ Qumbed. | Non trinal Oof turther $\underset{\substack{\text { angure } \\ \text { orderad }}}{ }$ |  | Pendins |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 10 | 11 | 13 | 18 | 14 |
| Apprala. <br> To Chief Magistrates of Districts ... <br> n Courta of Sessions ... | $\begin{array}{r} 3,713 \\ 1,624 \\ 757 \\ \\ \hline 49 \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 881 | 1,569 <br> 508 | $\cdots$ | ${ }_{131}^{81}$ | ${ }_{294}^{893}$ | $\cdots 1$ | 29 10 | 2 | 64 60 | $\begin{gathered} 9 \cdot 034 \\ 14: 014 \end{gathered}$ |  |
|  |  |  | 358 | 147 | $\cdots$ | 68 | 85 | ... | 4 | ... | 66. | ${ }^{86.054}$ |  |
|  |  |  | ... | 23 | ... | 3 | ... | $\ldots$ | 8 | ... | 8 | 96.8 |  |
|  | 6,136 | 8 | 1,861 | 2347 | .. | 617 | 1,271 | 1 | 44 | 2 | 188 | 13.612 |  |
| Retision. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| By Chiel Magistrates of Districts .n <br> n Courts of Sessions o.. <br> in Superior Conrts *a " supasior courco | $\begin{array}{r}1,252 \\ \hline 382 \\ \hline 185\end{array}$ | $\cdots$ | 197 318 | 1,034 | $\cdots$ |  |  |  | 10 100 | 170 72 | $3_{3}^{3}$ | ${ }_{93}^{21 \cdot 9966}$ |  |
|  | 1,735 | ... | 348 | 656 | 69 | 89 | 306 | ... | 126 | .. | 168 | 32. 234 |  |
|  | 3,309 | $\cdots$ | 793 | 1;884 | 69 | 90 | 310 | 23 | 236 | 242 | 203 | $28 \cdot 005$ |  |
|  | 9.505 | 5 | 2654 | 4,131 | 69 | 607 | 1,581 | 24 | 280 | . 24 | 393 | 17.747 |  |

## C.-JUDICIAL STATEMENTS-continued.

(7).-(Civil and Criminal).-Statement shoring use of Juries and Assessors in the Civil and Oriminal Courts in the Presideucy of Bombay in the yoar 1891.

(1).-Statement showing the number and disposal of the Convicts in the Jails of the Bombay Presidency during the yoar 1891.


(8).-Statement showing the religion, age and provious occupation of the Convicts admitted into the Jails of the Bombay Presilency during the year 1891.


## D.-PRISONS—enntinucd.

(i).-Statement shooing the Convicts in the Jails of the Bombay Presidency on the S1st December 1891, accovding to the nature and length of sentencers.

(4).-Statement showing the Convicts admitted into the Jails of tho Bombay Presidency during the year 1891, who had been previously convicted.

(6).-Statement showing the expenditure in guarding and maintaining the Prisoners in the Jails of the Bombay Prasidency during the year 1891, excluding the cost of building now Jails, of additions, alterations or veopuirs.

| 1 | 1 |  |  | $s$ |  | 4 |  | 5 |  | - |  |  | $\dagger$ |  | . 8 |  | - | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Ratioxs. |  | Ettainamyut. |  | Poutca guand. |  | Hoarital chatoza. |  |  | Clozaiko. |  | Coxpixonixim. |  | $\begin{gathered} \text { Qrand } \\ \text { (hinl } \\ \text { expended. } \end{gathered}$ | Total coul of per head atrongith. |
| Jalts. |  |  |  | A. | в. | A. | B. | A. | B. | A. | B. | 0. | 4. | g. | A. | B. |  |  |
|  | Convicta. | $\begin{aligned} & \text { Under- } \\ & \text { trial- } \end{aligned}$ | Total. | Thtal cont. | $\begin{gathered} \text { Oont pot } \\ \text { hoad of } \\ \text { averove } \\ \text { atrongti, } \\ \text { oxcluding } \\ \text { Crid } \\ \text { Prisonern. } \end{gathered}$ | ${ }_{\text {cost }}^{\text {Total }}$ | Cost per head of averape Btrangth. | $\underset{\substack{\text { Total } \\ \text { cost }}}{ }$ | Coat por boud ol averafe otrcugth | Total cout | Cost per averngo atrongth. | Cont per hned nrof numbor number slok. | $\underset{\text { Total }}{\text { cost }}$ | Ont per average mrangth | Total cust | Cnat per hom of arcruge arreugh atrength |  |  |
|  | 0.789 <br> 187 <br> 1.0 | $\begin{aligned} & 108 \\ & \substack{108 \\ \text { ges }} \end{aligned}$ | 0,087 <br> 879 <br> 803 | $\begin{gathered} \mathbf{R}_{4} \\ 2,87,298 \\ 10,857 \\ 17,688 \end{gathered}$ |  |  | $\begin{array}{lll} \hline \text { Rs } & \text { a. } & \text { p. } \\ 25 & 2 \\ 80 & 18 & 2 \end{array}$ | $\begin{gathered} \mathrm{Ran} \\ \mathbf{8 7 , 1 1 1} \\ \cdots \cdots .1 \\ \cdots \end{gathered}$ | (1) | $\begin{array}{r} \mathrm{Ra.} \\ 18,118 \\ \hline 0.0 \end{array}$ |  |  |  | (1) |  | Ro, arap 10 10 10 10 10 7 | R 4,78,891 18,704 80,143 |  |
| Total, 1801 ... | 0,076 | 823 | 7,700 | 2,11,001 | 2783 | 1,84,247 | 25100 | 37,411 | 4180 | 18,103 | 1811 | es 10.10 | \$8, 110 | 2136 | 66,017 | 7211 | 8,99,008 | 078 |
| Total, 1890 ... | 7,018 | 797 | 7,015 | 2,10,857 | ${ }^{2911}$ | 1,85,833 | 23146 | 30,100 | 608 | 19,174 | 1811 | 87118 | 18,237 | 184 | 6,741 | C 510 | 0,26,009 | ${ }^{87} 10$ |

D.-PRISONS—continued.
(6).-Statement showing the employment of the Convicts in the Jails of the Bombay Presidency during the year 1891.

(7).-Statement showing the net cash earnings of Convicts sentenced to labour in the Jails of the Bombay Presidenoy during the year 1891,

| 1 | 1 | 3 | * | B | * | 7 | 8 | 0 | 10 | 11 | 18 | 18 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yanm | Average number centenced to labour. | Average <br> number omployed on jall mannuins. tores. | Cugh balance on manufac: traitg account in hand on the Jot Jannaty 1501. | $\begin{aligned} & \text { Cuh drawn } \\ & \text { on manufactaring } \\ & \text { moont during } \\ & \text { Jear. } \end{aligned}$ | Total. | Fald Into trearury on manafucturing socourit. | Cash balance in band on manulacturing account on the sist December 1501. | Total. | Cunh earniegt (being total of calnma lem total of column 8). | Avernave carning per head calculated. . © colamn 2. | Averane exruing per beed calculatud on column 5. | Ramati |
|  | 8,604 | $\begin{aligned} & 3,840 \\ & 8,000 \end{aligned}$ | $\begin{array}{ll} \text { Ra } & 2 \\ 2,485 & 11 \\ 2,117 & 12 \end{array}$ | $\begin{array}{cc} \text { Re. } & 4 \\ 8,140 & 18 \\ 80,050 & 9 \end{array}$ | $\begin{array}{cc} \text { E. } & 4 \\ 00,628 & 8 \\ 88,907 & \end{array}$ | $\begin{array}{cc} \text { Bis } & 2 \\ 2,41,899 & 0 \\ 2,38,298 & 4 \end{array}$ | $\begin{array}{r} \text { Be. } \\ \text { est } 14 \\ 1,48511 \end{array}$ | $\begin{array}{cc} \text { Re. } & \mathbf{R}_{4} \\ 8,48,706 & 14 \\ \mathbf{8 , 2 0 , 7 7 7} & 16 \end{array}$ | $\begin{gathered} \text { Rs. } \\ \text { 1,46,080 } \\ 1,88,670 \\ \hline 11 \end{gathered}$ |  | $\begin{array}{cc} \text { Ba } & 0 . \\ 41 & 8 \\ 87 & 8 \end{array}$ |  |

(8).-Statement showing the net cost of the Prisoners in the Jails of the Bombay Presidency during the year 1891.

| 1 |  |  |  |  |  |  |  |  | 2 | 8 | - 4 | 6 | - | 7 | 8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Years, |  |  |  |  |  |  |  |  | Total cont of matntenance (Column 9 statement 5 ). | A rempe cont of maintenance per hoad (Column 10, atatement 5). | Total cach earninge (Columa 10 of atakionent i). | Avergeg canh carnings per head uf sroragy strebgth. | Net cont to Goveroment (Ootumn I minga coltum 1). | Averwro net cost perliead ol arerake atrensth (Columa y minke column 6). | REAmas, |
| $\begin{aligned} & 1801 \quad . . \\ & 1000 . . \end{aligned}$ | ". | $\cdots$ | ** | "-* | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\begin{array}{cc} \text { B4, } & 2 \\ 8,23,008 & 0 \\ 5,25,008 & 0 \end{array}$ | $\begin{array}{cc}\text { E. } \\ 07 \\ 07 & 4\end{array}$ | $\begin{array}{ccc}\text { R8. } & 4 \\ 1,40,000 & 6 \\ 1,38,570 & 11\end{array}$ | $\begin{array}{cc}\text { Be, } & \text { n } \\ 18 & 12 \\ 17 & 12\end{array}$ | $\begin{array}{rr} \text { Bi. } & \text { e. } \\ 3,77,507 & 10 \\ 3,80,057 & 8 \end{array}$ | $\begin{array}{cc}\text { Ra } & \text { M } \\ \text { is } & 0 \\ \text { so } & 8\end{array}$ |  |

D.-PRISONS-conoluded.
(9).-Skatement showing the sickness and mortality anmong Prisoners in the Jails of tho Bombay Presidency during the year 1801.

(10).-Statoment showing particulars regarding Civil Prisoners in the Bombay Presidoncy during the year 1891.

(1).-(Oivil)-Statement showing the number and description of civil suits instituted in the Civil Oourts in the Presidency of Rombay in the year 1891.


$$
\text { (2).—(Civil).-Statement showing number and value of suits instituted in the Oivil and Revenue Courts in the Presidency of Bombay in the year } 1891 .
$$


(3).-(Civil).-Statement shovoing the generai result of the trial of Civit and nevente Eases in-the Courts of Original Jurisdiction in the Presidoney of Bombay in the ycar 1891.

Pagt I.-Crinh Suts:

E.-JDDICIAL STATEMENTS-continued.
(4).-(Oivil).-Statement showing: the general result of the trial of Civil and Revenue Cases in the Courts of Original Jurisdiction in the Presidency of

Part II.-Mibcglankeods Casza $\rightarrow$ (Judicial).


Part I.-Appears from Drcbreb,

| Cher of Courta. | $\left\lvert\, \begin{gathered} \text { Total } \\ \text { number ol } \\ \text { apperal } \\ \text { apecte } \\ \text { fhe } \\ \text { courth. } \end{gathered}\right.$ |  | Dechstore coninmed rection a. ${ }^{\text {B. }}$. ${ }^{51}$. |  | Hesed es-parta, |  |  |  | Cosymind |  |  |  | $\begin{aligned} & \text { Pend. } \\ & \text { ing. } \end{aligned}$ | Of thesepondingmore thanthree wonth | Avergoduritionitin appeate |  | Renuse. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{gathered} \text { Coon- } \\ \text { armed. } \end{gathered}$ | Modl. | $\begin{aligned} & \text { Re- } \\ & \text { rencel. } \end{aligned}$ | Re- | Con- armed | Moat. | $\begin{array}{\|l\|l\|} \text { Rovers. } \\ \text { edi. } \end{array}$ | Ro- manded. |  |  |  |  |  |
| 1 | $\geq$ | 8 | 4 | 6 | 0 | 7 | 8 | 9 | 10 | 11 | 12 | 18 | 14 | 15 | 36 | 17 | 18 |
| COURTS IN THE INTERIOR, |  |  |  | . |  | - |  |  |  |  |  |  | . | . |  |  |  |
| Courte of Districts ... | 9,211 | $\cdots$ | 153 | 244 | 94 | 80 | 63 | 23 | 2,774 | 508 | 720 | 213 | 4,389 | 3,219 | 342081 | 279 | Thove linclode 1,255 appexte decided by Bubordinate Jodree with appolinde poweri, |
| Court of Province ... | ... | ... | $\bullet$ | ... | ... | ... | ... | $\ldots$ | ... | ... | ... | ... | ... | ... | ... | ... |  |
| Total | 9,211 | ... | 153 | 244 | 94 | 30 | 63 | 23 | 2,774 | 508 | 720 | 213 | 4,389 | 3,912 | 342.081 | 979 |  |
| Oollectore' Appollate Courte ... ... | ... | ... | ... | ... | $\cdots$ | ... | ... | ... | ... | ... | ... | $\ldots$ | ... | ... | ... | ... |  |
| Total | ... | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | ... | ... | ... | ... | ... | ... |  |
| COURTS AT THE PRESIDENCY OR SEAT OF GOVERNMENT. |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |
| $\underset{\text { Province. }}{\text { Chicf Court of }}\left\{\begin{array}{lll} \text { Appeale } & \text { from } & \text { Original } \\ \text { decrees } \\ \text { Appenls } & \text { Irom } & \text { Appellate } \\ \text { decrees } & \text {... } & \text {... } \end{array}\right.$ | $\begin{array}{r}\text {-467 } \\ \hline 1,779\end{array}$ | $\cdots$ | 7 357 | 17 | 99 25 | 2 | 8 | 3 9 | 99 368 | 84 38 | 19 31 | 17 | $\begin{aligned} & 232 \\ & 861 \end{aligned}$ | 190 632 | $332 \cdot 813$ <br> $282 \cdot 462$ | 19 39 | - Out of theee 9 wers refersencen from the Bombay Court of Bmall Cmame |
| Total | 2,246 | $\cdots$ | 364 | 40 | 54 | 4 | 10 | 12 | 467 | 67 | 50 | 85 | 1,003 | 822 | 292.724 | 51 |  |
| Grand total ... | 11,457 | $\cdots$ | 617 | 284 | 148 | 84 | 73 | 85 | 3,241 | 575 | 770 | 208 | 5,488 | 4,034 | 332.557 | 340 |  |

## E．－JUDICIAL STATEMENTS—continued．

－（6）．－（Civil）．－Statement shoving the business of the Civil and Revenue Appellate Courts of the Presidency of Bombay in the ycar 1891.
Part II．－Miscellaneous（Judicial）cases before Appelhath Courts．

| Clam ot Courts． |  |  |  |  | nasid ex－parta， |  |  |  | commitio． |  |  |  |  |  |  |  | Remams |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 8 8 E 8 |  |  | 買 | $\begin{aligned} & \text { í } \\ & \text { d } \\ & \text { d } \end{aligned}$ | 获 | $\begin{aligned} & \text { 㬺 } \\ & \text { E } \end{aligned}$ |  | 菏 |  |  |  |  |
| 1 | 2 | 8 | 4 | ¢ | 0 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| COURTS IN THE INTERIOR， <br> A．－Oivil Courts． | ${ }^{*} 170$ | ＂．＇ | 12 | 10 | 8 | ．．＇ | ${ }^{6}$ | 1 | 69 | $\begin{array}{r}2 \\ \\ \hline\end{array}$ | 81 | ．．． | 40 | 20 | $135 \cdot 142$ | 1 | －Ont of these 1 appeal wap deelded by $\triangle$ glub－ ordinate Judse with appelate powions． |
| District Appellate Courta other than Cbief Courts of Districts ．．． <br> Chief Appollate Courta of Districta．．． <br> Superior Appellate Courte othar than Chiof <br> Court of Provinco ．．． |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ．．＊ |  |  |
| B．－Revenue Cours． | 170 | ．．． | 12 | 10 | 5 | $\cdots$ | 6 | 1 | 69 | 2 | 31 | 4 | 40 | 20 | $135 \cdot 142$ | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ＋In addition to these the follownp mlecollaneore work was digrooed of ty the Eadar Court th Blind and the Hixh Curt，A ppolinte Bite：－ |
| Collootors＇Appellate Courta ．．．．．． | ．$\cdot 1$ | ．．＇ | ．．． | $\cdots$ | ．．．＇ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ．．． | $\ldots$ | ！．． | ．．． | \％Py tho Sadar Court in ESnd． |
| Collootors Appellate Courta ．．． | $\cdots$ | ．．． | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ．．． | Cods and 10 applioations under acelion as of Act 1 X of 1887. <br> By the IIloh Court Appallate Side． |
| Courts at tha Premidency or Slat of Govebmient． | 78 <br> 2 | 1 \％ | ．． | 6 | 3 | $\cdots$ | 5 | － 1 | $\cdots$ | 1 | ${ }^{9}$ | 8 | 252 | 10.2 | $168$ |  | 7 applifintlons to withilmw or ertasfar mppean socikn 2 s, Civa Proweduro Cato． appucalona for hare to proal an pauper sapplicatlons for lonvo to appeal to Hier Majorty／a Privy Councll． <br> 97 applicallona for reviow of Jadgmenta ol Do．for otay of oxceution． <br>  dic all othor applications under the Code not opecially mentionod above， and $q, 200$ spplications wero dispored of out of Court by tho Registrat and bia Doputy． |
| ObiefCourtof $\left\{\begin{array}{l}\text { Appeals froin Original order．} \\ \text { Appeals }\end{array}\right.$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Provinoe．$\{$ order ．．．．．．．．．． |  |  |  |  |  |  | ．．． |  | $\cdots$ |  |  |  |  |  |  |  |  |
| Totar | ＋75 | ．．． | 0 | 6 | 3 | ．．． | 5 |  | 9 | 1 | 9 | 8 | 27 | 12 | 168 | $\cdots$ |  |
| Grand total | 245 | ．．＇ | 18 | 16 | 8 | ．．． | II | 2 | 68 | $s$ | 40 | 12 | 67 | 32 | 144 | 1 |  |



## E．－JUDICLAL STATEMENTS－concluded．

（81．－－（Civil），－SStatement showing the number and result of applications and proceedings undor Chapter XX，Civil Procedure Code， in the Presidency of Bombay in the year 1891．＇

| Clans of Courta． | Applioations for a diclamation or Lemolvenoy． |  |  |  |  |  |  |  | Namber of insolventa dincharged duringthe year under soction 355. |  | AMOUNT OF CREDITORA＇CLAIMS DMALT witil duble the ymb． |  | Qiosa akount of Insolvantsis asakts EEnLEED．AND DISBURGED． |  | Remarke． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Grantod． |  | Rojoctod． |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 狊 |  |  |  | $\$, 9$ <br> 葛 <br> $\infty$ |  |  |  |  |  |  |  |  |
|  |  |  | B | $\begin{aligned} & \text { 莒 } \\ & \text { 品 } \end{aligned}$ | 姿笑 | ㄷ. |  |  |  |  | Admittod． | Satisfiod． | Realisod during the yoar． | Disbursod during the yoar． |  |
|  |  |  |  | $\begin{aligned} & 58 \\ & 4 \\ & 4 \\ & 4 \end{aligned}$ |  |  |  |  |  |  |  |  |  | $\cdots$ |  |
| 1 | 2 | 3 | 4 | 5 | 0 | 7 | 8 | 9 | 10. | 11 | $12^{\prime}$ | 13 | 14 | 15 | 16 |
| Courts other than Chief Courts of Districts ．．． Chief Coarts of Dis－ tricts e．．． Superior Courts | $\begin{array}{r} 849 \\ 5 \\ \ldots \end{array}$ | $\begin{aligned} & 84 \\ & \text {.... } \end{aligned}$ | $17$ | $\begin{array}{r} 58 \\ 1 \end{array}$ | $\begin{array}{r} 101 \\ 1 \end{array}$ | $15$ |  | $\begin{array}{r} 74 \\ 3 \\ \ldots \end{array}$ | 84$\ldots$$\ldots$ | $14$ | Rs．a．p． | Rs．a．p． | Rs．a．p． |  | $\cdots$ |
|  |  |  |  |  |  |  |  |  |  |  | 41，346 910 | 6，809 6 11 | 7，917 14－8 | 9，047 9 |  |
|  |  |  |  |  |  |  |  |  |  |  | ．．．．． | －＊＊ | ＊＊＊ | ．．．．．． |  |
|  |  |  |  |  |  |  |  |  |  |  | －3．1．0 | －$\cdot$ ．${ }^{\circ}$ | ．．．．．． | －．．． |  |
| Total ．．． | 354 | 84 | 17 | 59 | 102 | 15 | ．．． | 77 | 84 | 14 | 41，346 910 | 6，809 611 | 7，917 14.8 | 9，047 $\quad 8 \quad 4$ |  |

REGISTRATIONE A PYBOTINO DMMOVBABLE PROPERTY-BOOK L.
F.-REGISTRATION-concluded. for the year 1891-92-coucluded.


G.-LOCAL BOARDS' ADMINISTRATION-continued.
(9).-Statement showing the details of the works undertaken for the improvement


ADMINISTRATION-continued.
of annitation in the Presidency of Bombay, including Sind, during the year 1891-92.

(2).-Statement showing the details of the works undortaken for the improvemsin:


## ADMINISTRATION-continued.

of aanitation in the Presidency of Bombay, including Sind, during the year 1891-98-continned.


BOMBAY ADIMNISTRATION REPORT.
(2).-Statement shouing the details of the works undertaken for the imnjroremen,


## ADMINISTRATION.-conclided.

of sanitation in the Presidency of Bombay, including Sind, during the year 1891-92-concladed.


## H.-MONICIPAL ADMINISTRATION.

Statement.showing the constitution of the $M$ unicipalities in the Presidency of Bombay, including Sind, during the year ending \$1st March 1892.


## I.-MILITARY.

(1).-Statement showing the strength, cosl and other particulars of the Army atlached to the Bombay Prestlency in the year 1891-92.

(a) Includen all incroaso from whatever canse, e. g., Corpe tranglerrod from Enginad or other Prowidencien, wo.
(b) Exelubive of is artilicers.
(c) Tho heary Ordmanco un tha Bombay, Farachit and Aden Defencea is not included.
(d) The ectul oont under Grants, "Regimental pay, nllownanees and chargua.

(2).-Statement showing the actual cost of the Bombay Army for the year 1891-92 under the various Budyet Grants.

I.-MILITARY-concluded.
(2).-Statoment showing the actual cost of tho Boinbay Army for the year 1891-92 under the various Budget Grants-concladed.

(3).-Detailed sfatement showing the amount included wnder the various Budget Granta in the Supplementary Aocount of the Military Department, Bombiny, for the year 1S91-92.

(4)--Abntract stalement shoming the amonnt included in the Supplementary Account of the Military Department, Bombay, for the year 1891-92.


[^21]Statement showing the number, \&c., of the Marino Courle of Inquiry held in Bombay during the year 1891.

| $\begin{aligned} & \text { Berrial } \\ & \text { Ho. } \end{aligned}$ | Subject of Inquirs. | Mnding of Cours. |
| :---: | :---: | :---: |
| 1 | Counclity on board the P. and O. 8. N. Com puny'i "8.8. Gwalior". | The Court was of opinion that the Fourth Engineer scted with rashnesa, if not negligence, in not having the two firemen removed from the donkoy boilcr before starting work on the stop valve. |
| 2 | Collinion between the \&. S. "Savitri" and the Port Trant Hoppor Barge "Carlew." | The Court considared thast the master of the S. S. "Sívitri" and the Serang of the Barge "Carlew" were equally to blame in bringing about the collision. |
| 1 | Accident to the P. and O. B. N. Company's "B. 8. Mirzapore" when entering the Victoria Dock. | The Conrt considered the accident to the "Mirzapore" was casaed by the failure of her engines to act when the Pilot gave the order "slow astern" and by the Port anchor not belng promptly let go according to the Pilot's order, and furthor that the Ohief Engineer was guilty of negligence in not being at his station when the ship got under weigh and procoeded to wards the Dock, but taking into consideration him. |

CHAPTER IV.-PRODUCTION AND DISTRIBUTION.
of
A.-AGRICULTURE.
(1).-Statement showing the total area of Government and Alienated Villages and the area for which Agricultural Stalistice are available, with details of cultivated and uncultivated area during the year 1891-92.

A.-AGRICULTURE-continued.
(2).-Statement showing the extent to which each of the products oj ti,


## TLRE-contimued.

sereral Collectorates was cullivated during the yoar 1891-92.

A.-AGRICULTURE-continued.


(5).-Statement showing the average incidence of Land Revenue and of assesmment per head a


## TLRE-continued.

fer acre reapectively in each District of the Northern Division for the year 1891-92.


[^22]A. - AGEIC
(5).-Statement showing the average incidence of Land Revenue and of askessment per heid


TURE-continued.
fer acre respectively in each District of tho Northern Division for the year 1891-92.



TURE.-continued.
per acre respectively in aach Diatrict of the Oentral Dieision for the year 1891-92.

| Tintal pornilo Hon. | Incldence of land Etovenue | Latp Reventi angiato or filit senseasd LaEd. |  |  | Iverpance priactis 07 Layd Riveres or wily <br>  |  | Fober amamad axil orry. |  |  |  | Towns or 10,000 IDLHITTARTH AMD <br>  |  | Rumati |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | of popralar finn (Colnmn il divided by oolatin 12. | On unnoczpled land. | On ocerpied lund. | Totel. | Occupiod <br> land only <br> (Columin <br> is divided <br> by colump ம). |  | Net ulfosations. | Total. of columnill and she, | Popalen thon. |  | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { of } \end{gathered}$ | Popais. Hoth |  |
| 12 | 18 | 14 | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 88 | 23 | 84 | 25 |
|  | Ren an p. | In, an p. |  | Resamp. | $\mathrm{Pb}, \mathrm{a} . \mathrm{p}$ | IR.a. p . | His. An P. | Ho. 2 P. |  | R4, 3, pr- |  |  |  |
| 778,791 | 212 | 18,057 12 0 | 38,21,004 0 | 15,57,001 12 | 097 | 008 | 7,405 89 | 18,88,8909 76 | 778,791 | 227 | 1 | 80,08s |  |
| 88,890 | 0 -10 | $\ldots$ | ..."* | **** | ** | * | $\cdots$ | *** | $\cdots$ | $\cdots$ | ... | $\cdots$ |  |
| 77,186 | 088 | ...... | $\cdots$ | **** | '* | $\cdots$ | ....** | 140 | .." | $\cdots$ | $\ldots$ | $\cdots$ |  |
| *61,753 | 1142 | 18,037 120 | 16,21,904 0 O | 18,87,801 186 | 0.7 | 006 | 73,005 80 | 18,68,899 76 | 778,792 | 287 | 1 | 88,088 |  |
| 1,978,817 | 1148 | 1,81,284 011 | 34,41,085 68 | 36,28,189 72 | 187 | 120 | 2,89,081 16 | 89,85,058 08 | 4,978,817 | 818 | 9 | 228,745 |  |
| 71,010 | 011 | m** | .1.0.* | moner | $\cdots$ | $\cdots$ | .ner. | ...... | $\cdots$ | ... | $\cdots$ | - |  |
| 47,165 | 070 | $\cdots$ | $\cdots$ | . $0 .$. | $\cdots$ | $\cdots$ | $\ldots$ | -1-: | - | ** | $\cdots$ | $\cdots$ | , |
| 97,74 | 0 B 1 | - ...** | $\cdots$ | *.... | $\cdots$ | $\cdots$ | ...... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  |
| 1,484,716 | 2101 | 1,81,284 011 | 8,41,986 68 | 83,20,159 7 : | 187 | 120 | 1,80,091 1 - 6 | 80,38,068 88 | 1,778,817 | 818 | 9 | 120,745 |  |
| 725,767 | 208 | 20.050 \& 10 | 13,00,061 10 : | 14,20,012 $18{ }^{\circ} \mathrm{c}$ | 0110 | 01010 | $80,500 \quad 57$ | 15,69,101 82 | 725,787 | 928 | 8 | 50,074 |  |
| 2,488 | 082 | ...... | .1.... | *** | $\cdots$, | $\cdots$ | $\cdots$ | "1..** | $\cdots$ | ** | $\cdots$ | $\cdots$ |  |
| 47,529 | 0 \% 8 | ...... | mo.. | **** | $\cdots{ }^{*}$ | $\cdots$ | $\cdots$ | -0.00 | $\cdots$ | ... | $\cdots$ | $\cdots$ |  |
| 67,891 | 108 | ...... | ...... | $\ldots$ | ** | $\pm$ | **... | - | ... | ** | $\cdots$ | $\cdots$ |  |
| 868,609 | 116 | 28,970 110 | 18,00,041 108 | 14,10,011 15 of | 0110 | 01010 | 80,508 57 | 15,68,101 8 2 | 725,757 | 298 | s | 50,074 | . |
| 970,840 | 16 | 7.7878 | 11,88,307 110 | 12,00,145 810 | 0102 | 0101 | 88,148 | 18,67,408 $8 \leqslant$ | 010,540 | 181 | 8 | 184,246 |  |
| $\cdots$ | $\cdots$ | mom | ..... | $\cdots$ | -.. | $\cdots$ | $\ldots$ | ... | $\cdots$ | ** | - | $\cdots$ |  |
| 121,730 | 0.1 | $\cdots$ | **** | $\ldots$ | $\cdots$ | $\cdots$ | - | $\cdots$ | " | $\cdots$ | $\cdots$ | *.. |  |
| 90,825 | 040 | $\ldots$ | anm | $\cdots$ | ** | $\cdots$ | an** | -*...0 | .** | $\cdots$ | $\cdots$ | $\cdots$ |  |
| 1,007,800 | 1210 | Y,777 130 | 12,98,807 710 | 18,00,145 88 | 0102 | 0101 | 84,144 5 | 18,67,409 : | 010,549 | 181 | 8 | 284,348 |  |
| Dts, 29 | 1011 | 0.8780 | 18,70,477 $¢$ | 18,70,964 12 \% | 0147 | 014 | 3,23,659 888 | 18,04,80\% 148 | 013,222 | 1187 | 0 | 87,440 |  |
| 4,215 | $1 \pm 11$ | -** | ....- | ... | ** | ** | $\cdots$ | $\cdots$ | -* | $\cdots$ | $\cdots$ | $\cdots$ |  |
| 176,514 | 084 | $\cdots$ | -1.04 | $\cdots$ | $\cdots$ | ${ }^{*}$ | .-*... | ...** | ** | ** | $\cdots$ | $\cdots$ |  |
| 188,400 | 0.10 | $\ldots$ | **** | **** | $\cdots$ | $\cdots$ | $\ldots$ | .....* | $\cdots$ | "' | $\cdots$ | $\cdots$ |  |
| 1,285,190 | 16 | 6,477 8_0 | 12,70,477 4 | 18,76,054 12 of | 0145 | 014 | 3,22,689 88 | 18,01,507 148 | 013,94\% | 1187 | 6 | 87,446 |  |
| $\begin{aligned} & 70 e, 8 \% 1 \\ & <2,205 \end{aligned}$ | $\begin{array}{lll} 1 & 7 & 101 \\ 0 & 5 & 10 \end{array}$ | $\begin{gathered} 0,67810 \\ \ldots \end{gathered}$ | 0,92,850 11 | $\begin{gathered} 0,90,258<1 \\ \ldots \ldots \end{gathered}$ | 078 $\cdots$ | $\begin{gathered} 078 \\ \ldots \end{gathered}$ | 69,028 <br> ... 8 | $\left\lvert\, \begin{gathered} 11, \$ 3,1011211 \\ \ldots . . . \end{gathered}\right.$ | 708,831 | $\begin{array}{cc}104 \\ \cdots & \end{array}$ | 3 | 105,167 .. |  |
| 751.008 | 160 | 0,3:3 108 | 0,08,060 11 . | 2,00,283 61 | 078 | 078 | 0,02s $¢ 8$ | 11,25,471. 1211 | 708,881 | 104 | 8 | 105,147 |  |
| 1,111009 | 1186 | 2,46,900 14 E | 90,15,375 810 | 1,00,40,808 7 | 0181 | 0182 | 8,69,002 14 5 | 1,14,788592 20 | 6,315,907 | 120 | 28 | 588,601 |  |

(5)-Statement showing the average incidence of Land Revenue and of Asseasment por head a;1


TURE-continued.
rav acre rrspreiively in earh District of the Southern Divinion for the year 1891-98.

(5A).-Statement showing the average incidence of Land Rovenue and of Asesesment per head ant


82

## TURE-continued.

p or acre, respectively, in each District of the Province of Sind for the year 1891-98.

| $\begin{gathered} \text { Treal } \\ \text { pepula* } \\ \text { phon. } \end{gathered}$ |  |  |  |  |  | Inctimen fir ackn or land bivinue <br>  <br>  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | On unorem* plod land. | On oocupted land. |  | Toun. | Ocoupied tand only (Column 15 diviled bycoluma 9 . |  |  |  | Total of 11 and 19$\qquad$ | PopnIntion. |  | $\left\lvert\, \begin{gathered} \text { Num- } \\ \text { ber } \\ \text { of } \\ \text { towne } \end{gathered}\right.$ | $\underset{\substack{\text { Popule } \\ \text { tion }}}{ }$ |
|  |  |  | Colitvated. | Fallow. |  | $\begin{gathered} \text { Cul- } \\ \text { Hvatod. } \end{gathered}$ | Falluw. |  |  |  |  |  |  |  |
| 12 | 13 | 14 | 16 |  | 16 | 17 |  | 18 | 19 | 20 | 21 | 28 | 23 | 24 |
|  | B.a.ap | Ru. e. p. | Bn. E. p. | H. a. p. | 1a. $2 . \quad \mathbf{p}$. | Re.a. p. | Ru. A. p. | Re, 2. p. | lis.and | Ra. a. p. |  | Re. a. p. |  |  |
| $\cdots$ | $\cdots$ | 71,312 70 | $4,33,65008$ | 8,20,2ss $=0$ | 10,14,230 164 | 281 | 221 | 246 | 69713 8 | 4,34,316 116 | ... | $\cdots$ | 2 | 12,396 |
| ... | $\cdots$ | $\cdots$ | 34.58000 | 1,20,138 ○ O | 1,63,689 9 0 | 8 | 1150 | 201 | ...... | 36,681 162 | - | $\cdots$ | $\cdots$ | -. |
| . | $\cdots$ | $\ldots$ | ..... | ..... | .....* | $\cdots$ | $\cdots$ | $\cdots$ | ..... | 1,72,873 13 | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | $\cdots$ | ... ${ }^{\text {. }}$ | ..." | ..... | ...." | ..* | $\cdots$ | $\cdots$ | -..... | 6512 | $\cdots$ | ... | $\cdots$ | $\cdots$ |
| - | $\cdots$ | ..... | $\cdots$ | ...... | $\ldots$ | $\cdots$ | $\cdots$ | - | ..... | ..... | ... | $\cdots$ | ... | $\cdots$ |
| 274.518 | 11010 | 73,512 70 | 4,87,209 64 | 0,40,380 110 | $111,77,018$ 8 4 | 1710 | 318 | 2810 | 897138 | 0,49,079 10 | 174,548 | 81011 | 1 | 12,398 |
| $\cdots$ |  | 5,80,903 130 | 14,04,807 10 | 14,62,785 | 18,57,356 $10 \cdot 0$ | 56 | 840 | 840 |  | 28, 85,473 | ... |  | s | 274 |
| ** | $\cdots$. | .... | $\cdots$ | ...... | ..... | ". | $\cdots$ | $\cdots$ | ..." | .m... | $\cdots$ | $\cdots$ | ... | $\cdots$ |
| $\cdots$ | $\cdots$ | - $-\cdots$ | ..." | ...... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | 1,44,053 130 | $\cdots$ | $\cdots$ | ... | ... |
| $\cdots$ | -. | ...... | ...... | ..... | .."- | - | $\cdots$ | ... | ."." | $0,172 \geq 0$ | $\cdots$ | ... | ... | ... |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | ..... | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | 46140 | … | $\cdots$ | $\cdots$ | $\cdots$ |
| 015,407 | 31 | 6,40,2r3 18 | 4,00,597 10,0 | 14,69,755 40 | 46,57,386 $10 \quad 0$ | 38 | $3 \pm 0$ | 849 | 183,574140 | 29,88,144 0 | 015,407 | $3 \leq 2$ | 8 | 49,974 |
| ... | -.- | 8,23,880 1.0 | 18,07,898 16 | (80,08,010 $<0$ | 48,60,790 88 | 228 | 340 | 2.35 | 4,01,489 90 | 24,88,785 56 | ..* | ... | 1 | 58,048 |
| $\cdots$ | $\cdots$ | $\ldots$ | ..... | ..... | ..... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | -. | $\cdots$ | .." | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | ..... | ... | $\cdots$ | $\cdots$ | $\cdots$ | ".' | $\ldots$ | - | $\cdots$ | $\cdots$ | ... | $\cdots$ |
| $\cdots$ | .. | -*** | $\cdots$ | ...... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | -...- | 18,477 日 0 | ... | $\cdots$ | ... | $\cdots$ |
| $\ldots$ | $\cdots$ | $\cdots$ | ..... | ..... | …… | $\cdots$ | $\cdots$ | $\cdots$ | ...... | $\cdots$ | .. | $\cdots$ | $\cdots$ | $\cdots$ |
| 918,648 | 212 | 8,40,899 10 | $18.67,895140$ | 19,00,010 - 0 | 18,68,798 80 | 236 | 24 | 355 | 4, M, 188 | 95,07,989 186 | 918,46 | 2318 | 1 | 68,048 |
| $\cdots$ | -. | 1,80,180 18 of | $0,957,894-50$ | 6,80,087 a 0 | 18,50,104 100 |  | 283 | 208 | 9,12,681 70 | 12,81,889 148 | $\cdots$ | ... | 1 | 106,199 |
| ... | $\cdots$ | . $\cdot$ | ${ }^{68,019} 5$ | 0 - .... | 63,019 5 | 111 | ... | 1110 | 43,885 150 | 1,01,561 98 | $\cdots$ | $\cdots$ | ... | $\cdots$ |
| $\cdots$ | - | ..... | $\cdots$ | ... | ...- | $\cdots$ | $\cdots$ | ... | ..." | 40,407 7 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | ..... | ..... | ..... | $\cdots$ | $\cdots$ | ". | $\cdots$ | 1,370 20 | -.. | $\cdots$ | -.. | $\cdots$ |
| $\cdots$ | $\cdots$ | - ...... | ..... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ..... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| 504,880 | 212 | 2.Ra, 16.18180 | $010,40.918100$ | $0,80,06780$ | 19,08,183 150 | 203 | 383 | 280 | 2,60,647 + 0 | 14, 8,007 16 | 564,890 | 288 | 1 | 106,189 |
| - | .- | --... | ...." | ...." | -m | $\cdots$ | $\cdots$ | ... | **... | ..... | * | $\cdots$ | -.. | $\cdots$ |
| $\cdots$ | - | $12.85,20100$ | 0. $8,480,0611$ | 0 1288,202 150 | 10,88,005 \% 0 | 100 | 1810 | 16 | 4,504 60 | 5,03,546 16 \& | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | $\cdots$ | -ヘ... | ...." | m.0 | $\cdots$ | $\cdots$ | $\cdots$ | - | ...... | -"." | $\cdots$ | ." | $\cdots$ | $\cdots$ |
| - | - | - | $\ldots$ | ...** | - | $\cdots$ | $\cdots$ | $\cdots$ | ..... | ..... | .. | .. | ... | - |
| -* | $\cdots$ | ..... | ..." | .... | ..... | $\cdots$ | $\cdots$ | -- | ...... | -m.0 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| 20, ${ }^{\text {a } 298}$ | 1256 | $1,5,5110$ | 0 5,48,061 10 | 0 12,80,103 150 | 0 39,88,085 0 | 100 | 188 | 184 | 4,501 40 | 5,93,316 15 8 | :88, 903 | 116 | -- | $\cdots$ |
| 2,471,764 | : 1 | 129,16,946 1 | $0,4,00,6670$ | $400,00,41310$ | $01,12,63,8904$ | 258 | 28 \% | 2411 | 0,10,002 12 B | $\mid 31,68,039810$ | $62,871,7 \pi 4$ | 4218 | 8 | 218,017 |

> A.-AGRICULTURE-conlinued.
$\pm$
(6).-Statement showing the number and extent of Holdings in Surreyed Government Rayatwaisi Villages in each of the several districts of the Bombay Presidency, including Sind (with details for each district), for the year 1891-92.

A.-AGRICULTURE-continued.
(7).-Statement showing tarieties of Tenure other than Rayatwari, with the number of estates of ench variciy of Tenure and the aroa and tho revenue paid to Government under each such variety for the year 18Э1.J2.


## A.-AGRICULTURE-continued:

(7).-Statement showing varielies of Tenure other than Rayatwari; with the number of estates of each variety of Icmure and the arva und the reoenue paid to Government ander cach such variety for the year 1891-92.


Frote-Infins and Jightes of all the Collectoreton of tho Central and Bind Divisions have been thown under tho heading "Udhad Jawibandl, dc,"
A.-AGRICULTURE-concluded.
(S).-Sources of Water-supply, 1S91-92.


## B.--WEATHER AND CROPS.

(1).-Statement showing the Climate during 1501.


B-WEATHER AND CROPS-continued.
(2).-Siatement of Prices of Products for the yoar 1891-92.


(1).-Quantitics and Value of the principal and other artioles of Nerchandise and Value of Trcanure
two official years 18"0.j1


TRADE.
imported from Forsign Countries into the Presidency of Bombay, and the Provincs of Sind, during the and 1891-93.

(1).-Quantilies dasd Valuc of the principas and ather articles of Merchandive and Vahue of Treanure
two official years 1890-91


- continuad.
importad from Foreign Countries into the Presidency of Bombay, and the Province of Sind, during the cand 1891-93—continued.


| Artciea. | Denomlantlon. | Uxitas Kisodoy. |  |  |  | A0rrach. |  |  |  |  | * 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1800.01. |  | 1801.08. |  | 1800001. |  | 1801.02 |  | 190009. |  |
|  |  | Quandity. | Valao. | Quantity. | Value. | Quadtity. | Vana. | Quantity. | Valat. | Quantity | Falue. |
|  |  |  | Ra. |  | R. |  | Rs. |  | Ra. |  | R. |
|  |  | 3,508 |  |  |  |  |  |  |  |  |  |
|  | r. $\left\{\begin{array}{l}\text { Bombay } \\ \text { sind }\end{array}\right.$ |  | 1,81,848 | ( $\begin{array}{r}7.020 \\ 8.200 \\ 2+2.810 \\ \hline\end{array}$ |  |  | $\cdots$ | ${ }^{70}$ |  | $\cdots$ | $\cdots$ |
| Wirought .0. -. $\quad$ - | $\left\{\begin{array}{l}\text { Hombay ... } \\ \text { Blud }\end{array}\right.$ | ${ }_{\substack{231,016 \\ 6,160}}$ |  | 12, | 8, | 11 | 88,78 |  |  |  | 60,042 |
| Other north ... | $\left\{\begin{array}{l}\text { Sombay... } \\ \text { Sind }\end{array}\right.$ | $\cdots$ | .-- | \%ione | 80763 | $\cdots$ | $\cdots$ | 46 | $\ldots$ |  |  |
| ${ }_{\text {Prounht }}^{\text {lroun }}$ | Snmmay.... | 1,09\%.80 | 00,77.815 | 1u1.922 | 1, $1,17,812$ | $\cdots$ | $\cdots$ | $\cdots$ |  |  | $\cdots$ |
| Wrought | $\left\{\begin{array}{l}\text { Sindial. } \\ \text { Rumitar... }\end{array}\right.$ |  | ${ }_{7}^{7,517,381} 4$ |  |  | $\cdots$ |  | $\cdots$ | $\cdots$ |  |  |
| Other morta o.- | $\left\{\begin{array}{l}\text { Rind } \\ \text { Burar... }\end{array}\right.$ | 1, 1,0200 | 1,685 | 3.900 | 1, 8.8580 | $\cdots{ }_{91}$ | -.4. 285 | $\cdots$ |  | 9 |  |
| Lead … $\quad .0$...... | $\left\{\begin{array}{l}\text { Bonilay.... } \\ \text { Bind }\end{array}\right.$ | 7,882 | 98,000 | 10,341 | 1, winl | ... | $\cdots$ | ... | .-. | $\begin{aligned} & 410 \\ & 315 \end{aligned}$ | nion |
| atoel | Bomb | 24.2si |  |  | 11,6i,0ce |  | $\cdots$ |  |  |  | $\operatorname{cix}_{8 \rightarrow 0}$ |
| Tin- ${ }^{\text {ar }}$ | Sind | 36, 0 |  | ${ }^{420250}$ | $\begin{aligned} & 1,011,1535 \\ & 10,072 \end{aligned}$ | $\ldots$ | $\pm$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ |
| Unwrought ... $\quad \rightarrow$ - ${ }^{-}$ | Sind |  |  | ...... | - ${ }^{9}, 110$ |  |  |  |  |  | $\ldots$ |
| Other norts ... ... ... | $\left\{\begin{array}{l}\text { Danit } \\ \text { Slnd }\end{array}\right.$ |  |  | 160. 17 |  | $\cdots$ |  |  | $\cdots$ | $\cdots$ | $\cdots$ |
| Zino or Speltar ... ... | Sinal | 18,184 | 0.10.929 | 0.1306.7540.754 | 87.1003 | $\cdots$ | … | $\cdots$ | $\ldots$ | $\cdots$ | - |
| All other wort, unenumernted | Bma | 8,178 | Q.38, 074 |  | ${ }^{1.81 .014}$ | 1,550 | 2,10.013 | ${ }^{1}$ | $\begin{array}{r} 1,03,118 \\ \text { pus } \\ 185 \end{array}$ |  |  |
|  |  | 35s, $\mathrm{min}^{\text {mit }}$ | ${ }_{4}$ | 480,000 | 0.41, $0 \times 8$ | $\cdots$ | anol | ${ }^{6}$ |  | ${ }^{\text {es }}$ | ${ }_{8} \rightarrow{ }^{-\infty}$ |
|  |  | 13,006 | 10,71, 71.80 |  |  | ... ${ }^{1}$ 8,789 |  | $\cdots$ |  | $\cdots$ | $\begin{aligned} & \mathbf{2 , 3 2 4} \\ & 2,820 \end{aligned}$ |
| rialic -- |  | .. | \% ${ }_{\text {coses }}$ |  |  | $\cdots$ | 8 8, | $\cdots$ |  | ... |  |
| Pbper amd Parteboard ... | $\left\{\begin{array}{l}\text { Brm } \\ 8611\end{array}\right.$ | $\cdots$ | 11,85, 7.32 | ... |  | ... |  | $\cdots$ | \% |  | $2,826$ |
|  |  | .'. | 17, 10,1277 | $\cdots$ | 18.16,0.0 | $\cdots$ |  |  | $\underset{180}{ }$ | $\cdots$ | 27,81 <br> 4,87 |
| Provisione | yind | … |  | … | - |  | $\ldots$ | $\cdots$ | $\cdots$ | … |  |
| Railmay Plant and Rolling 8tock | -. ${ }^{\text {comb }}$ |  | 1,13, 7,1177 | "' 1 1ts |  | ... | $\ldots$ | $\ldots$ | $\cdots$ |  | $\cdots$ |
| Salt |  | $\stackrel{-108}{108}$ |  |  |  | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | cmit. 2 | $\cdots$ |
|  | Value Bow |  | \%,775 | $\cdots$ | : | $\cdots$ | \% | $\cdots$ | - | $\cdots$ |  |
|  | Value. | … | 547 |  |  |  |  |  | $\cdots$ | $\ldots$ | $\cdots$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ydu. $\left\{\begin{array}{l}\text { Hormbay... } \\ \text { Slud }\end{array}\right.$ | $\underset{\substack{152,780 \\ 10,188}}{\substack{\text { a }}}$ | 1,91.811 11.051 | 2*1,603 | 2,18, $12 \times 18$ | 114,008 | 07,400 | 200,028 | 1,73,779 | 1,400, ${ }_{\substack{143 \\ 144}}$ | 34,00, 2; |
| 0ther corts ... ... ..- | Value. ${ }^{\text {Bour }}$ |  | 1,34.978 | ..... | 1,87,1942 | ... | 7,00 | ... | 7880 |  | 7,002 |
| Other morts ... $\quad$ "- $-\cdots$ | Value. $\begin{aligned} & \text { Sllid } \\ & \text { Bom }\end{aligned}$ | , | 1,320 | 20,430 | drs | $\cdots$ |  | $\cdots$ | $\cdots$ | ... |  |
|  | Lbe $\left\{\begin{array}{l}\text { Homita } \\ \text { Snd }\end{array}\right.$ |  | 7 | 12015 |  |  |  |  |  |  |  |
|  |  |  | 23,71,890 | 18,415, | ${ }_{-0.52 .113}^{88,771}$ | 3,2468 | 80,827 | ${ }_{10}^{87}$ | $\begin{gathered} 100 \\ 125 \end{gathered}$ |  | 140,200 |
| Tea... ... ... |  | 11, 8 \%2 | 1.101 | 11,070 | , | $\cdots$ | . - | . | ... | ... |  |
| Tobaceo- |  | 11,617 | 20, 110 | 6,778 | 6,60. |  |  | $\cdots$ | ... | ... | $\cdots$ |
| Cínmanulactured ... ... | $\left\{\right.$ Slan ${ }^{\text {S }}$ |  |  |  |  |  |  |  |  |  |  |
| Yanuzactured... ... ... | - jlionthay... | - | 3,9,083 | (171.78 | 1,50, 17,146 | 4t,03s |  | 4 | 13,78s | (873 | 3, 3,40 |
| Toge ant raquiatles for Gamen |  |  | coin |  | 8,14,0 | $\cdots$ | 00,906 |  |  |  | 85,147 |
| Umbrellas ... . ... ... ... | No. ${ }_{\text {a }}$ | 811,770 | \% 79.021 | \%60.348 | $0,42,286$ | \#,247 | 6,612 | 9,3m | ${ }_{6,3 \times 2}$ | 9,050 | 7.201 |
|  | Stind | 3,350 | 8.808 | 2,404 |  | ... | 4,878 | ... | 817003 | $\cdots$ | 50 |
| Whoreol (lncluding Mrawowl) - | Value. $\begin{aligned} & \text { Hombay... } \\ & \text { sind }\end{aligned}$ | $\cdots$ | 1,47.036 6 | $\cdots$ | 1, 81.10 .10 | ... | , | \%. | $\ldots$ | … | ... ${ }^{\circ}$ |
| $\underset{\substack{\text { Holl } \\ \text { Rav }}}{\ldots}$ | Lbe. Lluanbay... |  |  | 20, 21 |  | $\cdots$ | $\cdots$ | $\ldots$ | ... | $\because$ |  |
| Yapufacturen of $\rightarrow$ Pioco-roods. |  | 8, 1090.0732 |  | 4,206,400 | 41,28.508 | \%40.000 | 10,i0, 1219 | 818.087 | 8,2i,600 | 2, 140 | 1,00,4,40, |
| Ploconkoodr ... ... ... | Sin | ${ }^{\text {d, }} 150.7030$ | 1,77,78 |  | 2, | 18,63s | ${ }_{41,000}^{10,34}$ | 5,688- | 70, ${ }_{0}^{107}$ |  | ${ }^{2,1,7 \% 4}$ |
| Other morth ... ... .- | Value. $\{$ Bol | $\cdots$ | ${ }^{5,510,9.92}$ | $\cdots$ | ${ }^{4.80 .107 \%}$ | .. |  | ... | \%, 275 | $\cdots$ | 1, |
| An other Articles, unenumorated | - ${ }^{\text {Bonal }}$ | $\cdots$ | 71,97, 4,1006 | $\cdots$ | (11,00.003 | $\cdots$ | 4,85, 11,165 | $\cdots$ | 8,001,120 7 ,100 | $\cdots$ | 00, ${ }^{247}$ |
|  |  |  | 18,22,75 |  | 18, 810100 |  | 61,43,7 | .. |  | ... | 4, 102.485 |
| $\text { Merchandise ... }\left\{\begin{array}{l} \text { Free } \\ \text { Duthent: } \end{array}\right.$ |  | $\cdots$ | 边 | $\cdots$ |  | ... | 1,24,0 | $\cdots$ | (1,13.940 | $\ldots$ |  |
| (Duthable . | $\left\{\begin{array}{l}\text { Blan } \\ \text { Bin }\end{array}\right.$ | $\cdots$ |  | $\cdots$ | 15,28,050 | ... | 2,116 | ... | 1,314 | ... | E0, 50 |
| Total | sombay... | $\cdots$ |  | ... | $10,25,01,10 \mathrm{~B}$ <br> 2,78,76, 878 | $\cdots$ | $\begin{array}{\|c} 61,78,096 \\ 1,77,500 \\ \hline \end{array}$ | $\cdots$ | $\begin{gathered} 56,82,608 \\ \mathbf{1 , 1 0 , 2 7 4} \end{gathered}$ | ... |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Trearure $-\left\{\begin{array}{c}\text { cold }\end{array}\right.$ | $i_{\text {sind }}^{\text {sombay }}$.... | $\cdots$ | 8,49,01,007 78.0070 | ... |  | $\cdots$ |  | ..", | 818 | $\cdots$ | 80,800 |
| Trearure $\quad$ - \{ ailvar .-. | S Bombuac.:. | $\because$ | c, | ... | -400, | ... | .01,04, | $\cdots$ | 0,78, 80 | $\cdots$ | 10,11,310 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total ... | $\cdots \quad \frac{1}{4} \text { Binnd }$ | ... | $10,30,14,110$ | ㅍ.. | $0.18,35,280$ | $\ldots$ | 5,27,001 | ... | 9,74,118 | $\cdots$ | 29,02,109 |
| Orand lotal of Importa of Yerchano dise and Tromerire | $\left\{\begin{array}{l} \text { Bitnbay.... } \end{array}\right.$ | … | $\begin{aligned} & 29.01,16,081 \\ & 2,75,549,22 \% \end{aligned}$ | $\cdots$ | $\begin{aligned} & \overline{22,84,-80,187} \\ & 2,80, f 0, y 74 \end{aligned}$ | $\cdots$ | $1,4,04,0,0$ | :.: • | $\begin{gathered} 6,2,2,716 \\ 1,5 \delta, 274 \end{gathered}$ | $\cdots$ | $\begin{array}{\|} 70,40,123 \\ 77,400 \end{array}$ |
| 8to |  | ... |  | ... |  | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ |
| Cold ${ }^{\text {cose }}$ |  |  | ... | $\cdots$ | .. |  |  |  |  | ... | ... |
| salver | Bnnd ${ }^{\text {andey }}$... |  | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| arorameat mor |  |  | $\ldots$ | ... | . | $\ldots$ | ... | . |  | ... | $\cdots$ |
| tal 1 mearso | umbay | $\cdots$ | $\cdots$ | $\cdots$ | … | $\cdots$ | ...' | ... | ... | $\cdots$ | $\cdots$ |
|  | $\left\{\begin{array}{l}\text { Bombay } \\ \text { Aind }\end{array}\right.$ | $\cdots$ |  | $\cdots$ | 74.12.191 | ... | ... | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ |

-continued.
imported from Foreign Countrias into the Presidency of Bombay, and the Prpoince of Sind, during the and 1801-90-continued.


## (1).-Quantities and Value of the principal and other articles of Merchandise and Value of Treanur <br> two official years 189\%-g.



## -continued.

imported from Foreign Countries into the Presidency of Bombay, and the Province of Sind, during the and 1891-92-concluded.

(1).-Quantities and Value of the principal and other artides of Merchamdise and Value of Treasure

-continued.
(exclusive of Government Btores and Treasure) imported from Foroign Oountries and Ports in British official yoars 1890.91 and 1801-92.

(1).-Quantities and Value of the principal and other articles of Merchandive and Value of Trensure

India into the Porte of Aden during the two

-continued.
(oxelusive of Government Storss and Traasure) imported from Foreign Countries and Ports in British official years 1890-91 and 1891-92-continued.

(1)--Quantities and Value of the principal and oiher artioles of Merchandise and Valuo of Treasure India into the Port of Aden during the two

-continued.
(exclusive of Gocernment Stores and Treasure) imported from Foreign Countries and Ports in British oficial years $1890-91$ and 1891-32-continued.


BOMBAY ADMINISTRATION HEPORT.
[1401-52.
D.-TRADE
(1).-Quantitios and Falue of the printipal and other articles of Mrerchandise and Value of Treasure

India into the Port of $\Delta d_{e n ~ d u r i n g ~ t h e ~ t w o ~}^{\text {I }}$

-continued.
(oxclusive of Government Stores and Treasure) imported from Foreign Countries and Ports in Briinh official yoars 1890-91 and 1891-9\%-continued.

| Fencras |  |  |  | Itast. |  |  |  | Mintite. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 150001. |  | 1800.80. |  | 1890.91. |  | 180108. |  | 180092 |  | 1897-98. |  |
| ematis. | Valos. | Qunativ. | Valcen | Qoantity. | Valor. | Quantity. | Vlibe. | Quastity. | Vutue. | Qxamtity. | Valoe. |
|  | 8. |  | Ha, |  | Re. |  | He. |  | Ie. |  | Rm |
| $\cdots$ | - |  | - |  | - |  | $\cdots$ |  | $\cdots$ |  | - |
| $\Xi$ | $\cdots$ | $\cdots$ | ... |  | ${ }^{-112}$ | $\cdots$ | $=$ | $\cdots$ | $\cdots$ | $\stackrel{-}{\square}$ | $\cdots$ |
| -481808080 | 8.152 <br> 8,425 <br> 18 | ${ }^{-100}$ | $\stackrel{4}{8,500}$ | ${ }^{10}$ | ${ }_{-102}^{102}$ | $\cdots$ | $\pm$ | $\ddot{7 \% 71}$ | $\underset{2}{7204}$ | $\overline{7}$ | $\overline{7}, 74$ |
|  | ${ }_{208}$ |  | (368 | $\cdots$ | $\because$ | $\cdots$ | $\underset{2}{2109}$ | $\underset{\square}{\square}$ | - | $\cdots$ | $\cdots$ |
| $\cdots$ | 20,778 | $\cdots$ | 24,200 | $\cdots$ | 12,723 | $\cdots$ | 2,812 | $\because$ | ${ }^{900}$ | - | $\cdots$ |
| $\because$ |  | $\cdots$ | $\ldots$ |  | = | $\underline{\square}$ | $\cdots$ | $\because$ | $\pm$ | $\cdots$ | $\cdots$ |
| $\cdots$ | $=$ | $\cdots$ | $\cdots$ | $\pm$ | $\cdots$ | $\pm$ | $\pm$ | $\stackrel{-}{-}$ | $\cdots$ | $\cdots$ | $\cdots$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 3N1 | 1,750 | 181 | 2,250 | 24 | \%0 | $\cdots$ | $-4$ | ' . ${ }^{\text {a }}$. | $\cdots$ | - | $\cdots$ |
| 1,052 | 2,276 | $\cdots$ | $\cdots$ | 300 | 800 | 800 | 1,000 |  | $\cdots$ | 二- |  |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | - | $\cdots$ | $\stackrel{+}{\square}$ | $\cdots$ | 1,008 | - 222 |
| ..803 | 4,000 | 1,007 | ${ }^{17000}$ | $\ldots{ }^{1}$ | $-80$ | $\cdots{ }^{1}$ | ${ }^{-20}$ | 8,800 | $\xrightarrow{87,784}$ | 0,020 | ${ }_{5}^{88}$ |
| $=$ | = | - ${ }^{112}$ |  | 픈 | -- | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\because$ | - |
|  | ${ }_{1} 1.016$ |  | "8,0es | $\cdots$ | ${ }^{150}$ | $\cdots$ | $\cdots$ | $\cdots$ | - |  | $\cdots$ |
| - | 100 50 | $\pm 250$ | -150 | $\ldots{ }^{20}$ | .. 20 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
|  |  |  |  |  |  |  |  |  |  | - |  |
| $\cdots$ | $\cdots$ | - | $\cdots$ | - | $\cdots$ | $\cdots \cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | $\cdots$ |  | ${ }_{20}^{29}$ | $\cdots$ | … | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  |
| $\because$ | 10,015 |  | 20,885 |  | 8,275 | $\cdots$ | Q, 650 |  | 162 | $\cdots$ | - 68 |
| $\cdots$ | 1,00,050 | $\cdots$ | 3,15,198 | $\ldots$ | 78,215 | .- | 97,100 | $\cdots$ | 1,00,408 | .- | 98,008 |
|  | - |  | 8,400 | - | $\cdots$ |  |  |  | - | $\cdots$ | - |
| $\cdots$ | $\rightarrow$ | $\cdots$ | 1,000 | $\cdots$ | ..- | - | $\cdots$ | $\cdots$ | $\cdots$ | - | $\cdots$ |
| - | $\cdots$. | - | 2,000 |  | $\cdots$ | $\cdots$ | $\cdots$ | ** | - | - | $\cdots$ |
| - | 2,06,000 | - | 2,24,008 | - | 78,319 | - | 97,10 | - | 100,408 | $\pm$ | 88,080 |

## (1).-Quantilies and Value of the principal and other articles of Merchandise and Valwe of Trecom India into the Port of Aden during the tv



## -continued

(esclusive of Government Stores and Treasure) imported from Foroign Countriss and Ports in British official yoars 1890-91 and 1891-92-continued.

(1)-Quanlities and Value of the principal and other articlos of Morchandise and Value of Treasure
India into the Port of Aden during the twos

-continued.
(axclusive of Gooernment Stores and Treasure) imported from Foreign Countries and Ports in British oficial yoars 1890.91 and 1891-92-continued

(1)-Quantities and Value of the principal and other articles of Merchandiss and Value of Treasur, India into the Port of Aden during the two

-continued.
(exclusive of Gorernment Slores and Treasure) imported from Foreign Countries and Ports in British official years 1830-91 and 1891-92-concluded.

| Total Pobmay Countrime. |  |  |  | ITrus. |  |  |  | Geist Toral |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1850-91. |  | 1801-02, |  | 1000-91. |  | 1801 -2 |  | 1880-01. |  | 1891-82. |  |
| Quanuty. | Valuo. | Quantity. | Valuo. | Qmantity. | Value. | Quantity. | Valpp. | Quantity. | VNue. | Quantity, | Value. |
|  | HL |  | Rad |  | B4. |  | Ha. |  | Br. |  | Re. |
| $\ldots$ | 16,130 | -283 |  |  |  |  | 1,198 |  | ${ }_{\substack{14,1750 \\ 1,791}}$ | ${ }^{-184}$ | 5,908 |
| $\cdots{ }^{-1}$ | $\cdots$ | $\cdots{ }^{187} \times 14$ | $\bigcirc$ | ${ }_{\text {228 }}^{23}$ |  | $\cdots{ }_{108}^{89}$ | $\bigcirc$ | ( $\begin{gathered}298 \\ 7301\end{gathered}$ |  | ${ }^{-7}{ }^{285} 7$ | $\xrightarrow{-7,194} 1$ |
|  | 1,33,43 | 092,881 | 8,07, 617 | 60,780 | 86,497 | 28,502 | - 5 2,033 | 8,78,981 | 9,18,010 | $\underbrace{}_{60,723}$ |  |
| $\cdots$ | - |  | c, 14,373 20,838 | $\cdots$ | (19,.958 | $\cdots$ | \% | ${ }^{\text {a }}$ | 3, 38.83 | $\stackrel{008}{-}$ | ${ }^{3,197585}$ |
|  | $0,80,4 \leq$ |  | 38,76,518 | $\cdots$ | 0,17,72 | $\cdots$ | 0,30,792 | $\because$ | 10,03,235 | $\cdots$ | 23,00,250 |
| $\cdots{ }^{7}$ | $\cdots{ }^{-36}$ |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | - 78 | ${ }^{70} 854$ | $\cdots$ | - 52 |
| 20,019 | 1,7,450 | $\underset{\substack{8,2187}}{\substack{2,275}}$ | 2,88,792 | -681 | 8,900 | $\cdot{ }_{4,1091}^{80}$ | $\begin{array}{r}770 \\ \text { 89,030 } \\ \hline 600\end{array}$ | 21, 200 10,405 | 1,77,350 |  |  |
|  | 2,87,442 | - | 8,48,211 |  |  | - |  |  | 2,37,842 |  | 3,49,711 |
| 6,84, |  | 2,106 | 9,008 | 20,529 | 09,068 | 87,250 | 3,00,684 | S4/85s | 1,56,340 | 80,416 | 1,19,192 |
| ${ }^{11,2 m 7}$ |  | 8,148 | (10,714 |  | 1,80,804 4 |  | $\begin{aligned} & 1,80,068 \\ & \hline 1,066 \\ & 01,067 \end{aligned}$ | 148,164 |  | 164,114 | 1,60,776 |
| 30,388 | E0,320 | 2005,872 | 46,309 | 1,756,070 | 2,76,437 | 18, 1778387 | $4,25,586$ | 1,788,268 | $8,35,157$ | 21,13,700 | 4,71,004 |
| 29,0543 | $3,01,5000$ | $22,4924$ | 2,80,006 ${ }_{2,322}$ | $\begin{aligned} & 32, .68 \mathrm{gig} \\ & 24,689 \end{aligned}$ | $8,96,881$ <br> 14,018 | $\begin{aligned} & 4,7,789 \\ & 23,253 \end{aligned}$ | $\begin{aligned} & 8,52,181 \\ & 11,845 \end{aligned}$ | ${ }_{20,3900}^{54.734}$ | $\begin{aligned} & 0,95,747 \\ & 15,461 . \end{aligned}$ | $\begin{aligned} & 6,96,912 \\ & 20,627 \end{aligned}$ | 8,41,136 |
| $\begin{aligned} & 2,015,405 \\ & 40,909 \end{aligned}$ | $\begin{aligned} & 8,88,720 \\ & 26,118 \end{aligned}$ | $\begin{gathered} 2,160,0 \times 8 \\ \substack{2,570} \end{gathered}$ | $\begin{aligned} & 4,71,000 \\ & 21,008 \end{aligned}$ | $\stackrel{5,140,84}{5,106}$ | $\begin{aligned} & 0,48,999 \\ & 8,134 \end{aligned}$ | e8,72,644 | $\begin{aligned} & 7,14,009 \\ & 4, e 077 \end{aligned}$ | $\begin{aligned} & 7,180,290 \\ & \mathbf{4}, \mathbf{1 8 5} \end{aligned}$ | $\begin{aligned} & \mathbf{3 P}, 87,784 \\ & 20,847 \end{aligned}$ | $\begin{aligned} & 70,59,300 \\ & \$ 1,738 \end{aligned}$ | n1,88,008 |
|  | $\begin{array}{r} \cdots, 010 \\ 170 \\ 80 \\ 84,040 \end{array}$ | $\cdots{ }^{4000}$ | $\begin{array}{r} 300 \\ 10,484 \\ 694 \\ 140 \\ 1,09,061 \end{array}$ |  | $\begin{array}{r}0,299 \\ 8.075 \\ 1,980 \\ \hline 61,153\end{array}$ | 0,836 <br> 2,058 <br> - |  | $\begin{aligned} & 29,412 \\ & " 2,054 \\ & \ldots \\ & \ldots \end{aligned}$ |  | $\begin{array}{\|c\|} \hline 6,8089 \\ -2,886 \\ \hline \\ \hline 13 \end{array}$ | 1,580 $\begin{array}{r}12,15 \\ 8,072 \\ 8,740 \\ 1,97,763\end{array}$ |
| 420 | 1,00s | 300 | 404 | 480 | 720 | 385 | 65 | 800 | 1,722 | css | 1,180 |
| $\ldots$ | $\begin{array}{r} 0,968 \\ 4,53,4107 \end{array}$ | $\cdots{ }_{\sim}^{0,784}$ |  | 20,677 | ( $\begin{array}{r}\text { 29,412 } \\ 1,729 \\ 1,73,006 \\ \hline\end{array}$ | 21, 534 $\cdots$ | 15.929 10.085 2,11, 768 | 85,979 $\cdots$ | (85,675 <br> 81,275 <br> 8, 31,162 | 24,228 <br> $\cdots \cdots$. <br> .. |  |
| ... | 1,87,57,277 | $\cdots$. | 2,38,63,065 | $\cdots$ | 1,01,67,400 | - | 209,54,970 | .- | 2,80,04,756 | $\cdots$ | 8,10,07,325 |
| $\sim$ | 20,04,983 |  | 14,07,050 |  | ... | - | ..- | ** | 10,04,885 |  | 14,07,08s |
| - | 48,50,871 | $\cdots$ | 45,04,940 | $\cdots$ | 2,44,07B | - | 10,88,500 | * | 48,2,250 | - | 55,98,952 |
| $\cdots$ | 2,50,60,528 | $\cdots$ | 2,67,56,002 | m | 1,04,01,517 | m | 1,04,42,576 | $\cdots$ | 8,56,29,045 | " | 3,72,00,577 |

(9).-Quantitise and Value of the prineipal and other articles of Foreign Mcrchandise and of Indian of Bombay and from the Province of Sind during the


## -continued.

Produce and Manufactures and Value of Treasure exported to Boreign Countries from the Presidency two official years 1890-81 and 1891-92.

(2).-Quantities and Value of the principal and other articles of Foreign Mrerchandiso and of Indian


[^23]-continued.
Produce and Manufactures, and Value of Treasure exported to Foreign Countries from the Presitency two official years 1890-91 and 1891-92-continued.

(9). -Quantities and Value of the principal and other articles of Foreign Merchandine and of Indian of Bombay and from the Province of Sind during the

-continued.
Produce and Manufactures and Value of Treasure eaported to Forsign Countries from the Presidency two official years 1890-91 and 1891-92-continued.

D.-TRADE
(i)-Quantities and Valus of the principal and other articles of Foreign Merchandise and of Indian of Bombay and from the Province of Sind during the


## －continued．

Produce and Manufaclures and Value of Treasure exported to Foreign Countries from the Presidency two official years 1890－91 and 1891－92－continued．

| Pusce． |  |  |  | Itass． |  |  |  | Maghive |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1660，01． |  | $2801-02$ |  | 1800－024 |  | 1801．92． |  | 180000． |  | 1891－92 |  |
| Quantity． | Valua． | Qaunttr． | Vatan | Quantity． | Valones． | Qannity． | Vibue． | Quantity． | Value． | Quantity． | Valre． |
|  | R4． |  | B． | B4 |  | 踝 |  |  |  |  | 8． |
|  | $\cdots$ |  |  |  | $\cdots$ | $\cdots$ | $\cdots$ | 픈 | $\cdots$ | $\cdots$ | $\cdots$ |
|  | $\cdots$ |  |  | $\begin{aligned} & \because \because \\ & \cdots \\ & \cdots \end{aligned}$ | $\cdots$ | $\cdots$ | $\because \quad$ | $\cdots$ | $\cdots$ | $\because$－ | $\because$ |
|  | $\cdots$ |  |  |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | － | $\cdots$ |  |
|  | $\square_{10,000}$ |  |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
|  | 10，000 |  |  | $\because$ | $\cdots$ | $\because$ | $\cdots$ | $\cdots 5002$ | $\cdots 7$ | $\cdots{ }^{\square}{ }^{15}$ | $\square{ }^{30}$ |
|  | ${ }^{17,760}$ |  | 16，472 |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | $\stackrel{\square}{\square}$ | $\cdots$ |
|  | $\cdots$ |  | $\cdots$ | $\because$ |  | $\left.-\begin{array}{ll} - & 1 \\ & 17 \end{array}\right\}$ | 1，072 | $\cdots$ ． |  | $\left\lvert\,\left\{\begin{array}{ll} \cdots & 1 \\ \cdots & 1 \end{array}\right\}\right.$ | － |
| ．．． | $\cdots$ | － | $\cdots$ | ．．． | $\cdots$ |  |  | － | $\cdots$ |  | 1，200 |
| ．．． | $\cdots$ | $\cdots$ | $\begin{aligned} & \cdots i 4,172 \\ & \cdots \\ & \cdots \end{aligned}$ | $\cdots$ | $\cdots$ | 17） |  | $\cdots$ | $\cdots$ |  | $\cdots$ |
| $\cdots$ | － 129 | $\cdots$ |  | $\cdots$ | $\cdots 20$ | $\cdots$ |  | $\cdots$ | $\widetilde{0,0,1 s 9}$ | $\rightarrow$ | $\stackrel{30,517}{ }$ |
| $\cdots$ | $\cdots$ | $\cdots$ |  | $\cdots$ |  | $\cdots$ | $\cdots$ |  |  | $\because$ | $\cdots$ |
| $\cdots$ | $\cdots$ | … |  |  | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ |  | $\cdots$ | $\cdots$ |
| 1，200，785 | 82，00，450 | 1，014，480 | 1，00，24，709 | 325，138 | 21，12，214 | 800，814 | $24,72,513$ | $\cdots$ |  | － 7 |  |
| $746,7{ }^{1 / 2}$ | 30.78 .788 |  | $84,3,1020$ | $\cdots$ | \％ 610087 | －64，504 | 24，72，613 | ${ }^{*} 8$ | ＊ 0 | $\cdots$ | ${ }^{-1} 185^{\circ}$ |
| 110，3s8 | 5，k0，4015 |  |  | － |  | －7，000 | $6: 20,408$ | $\cdots$ | －＊ 105 | －．．${ }^{28}$ | $\ldots{ }^{130}$ |
| 148 | 12， 1.150 |  | \％ |  |  |  | －20，100 |  | $\cdots$ | $\cdots$ |  |
| 7\％0， 7108 | 68，01，158 | 1，070，097 | 88，85，148 | 801，757 | ${ }_{\substack{\text { 29，57，} \\ 8,01500}}$ | 240，300 | 1010，895 | ${ }^{-1} 8$ |  | $\therefore{ }^{34}$ | $\cdots 976$ |
| O¢2\％75 | 65， 2 ， 616 |  | 74，00，419 | 175，919 | 10，20，487$\ldots$ | $17 \%$ ， 170 | $9,01,472$ | ${ }^{-3} 800$ | －7，006 | $\stackrel{\sim}{*}$ | $\cdots 2081$ |
| ．．－ | － | 1－70201 | － | ．．－ |  |  |  |  |  | ．－． |  |
| 3，870 | 4，500 | 8，080 | 8，200 |  | $\cdots$ | 404 | －ABS |  |  |  |  |
| $\cdots$ | $\cdots{ }^{-} 931$ | $\cdots$ | $\cdots{ }^{-7} 100$ | $\cdots$ |  | $\cdots$ | $\cdots$ | $\cdots$ | －4，102 | $\cdots$ | 2，810 |
| $\cdots{ }^{1,400}$ | －．． 878 | $\cdots{ }^{\prime \prime}{ }^{0,408}$ | $\cdots{ }^{\prime \prime}, 19$ | $\ldots$ | $\cdots$ | $\cdots$ |  | 85，790 | 15，900 | 720811 | 93．081 |
| $\cdots 200$ | ${ }^{-1,875}$ | ＂．． 97 | － 881 | $\cdots{ }^{\text {．．．}}$ |  | $\cdots$ | … | －6，500 | $\ldots$ | －${ }^{-1881}$ |  |
|  | ．－．${ }^{1,675}$ | ．．． 91 | ．．． 881 | ．．．${ }^{6}$ | ${ }^{-7} 180$ |  |  |  | $\cdots$ | $\cdots$ |  |
| $\cdots$ |  | … | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | s | $\cdots$ | ＊＊ | ${ }^{\prime \prime} 159$ |
| $\cdots{ }^{*} 56$ | $\cdots 300$ | $\cdots{ }^{12}$ | $\cdots$ | 935 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ |
| ．．． |  |  | ${ }^{600}$ | ．． | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ ． | $\cdots$ ． | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots 20$ | － 80 | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | ${ }^{-7} 78$ | ${ }^{-10} 834$ | ${ }^{* *}{ }^{\text {coe }}$ | ${ }^{-1} 48$ |
| $\cdots$ | $\cdots$ |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | $\ldots$ | ${ }^{10}$ | $\ldots$ | － |
| $\cdots$ | $\cdots$ | ．．． | $\cdots$ | $\cdots$ | $\cdots$ | 4 | $\ldots{ }^{340}$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| 20 | ， 500 | $\cdots$ | $\cdots$ | $\cdots$ | －－ | $\cdots$ | $\cdots$ | 883 | 6，8，82 | 188 | 10，490 |
| $\cdots$ | $\cdots 38,983$ | $\cdots$ | $\cdots{ }^{-7}$ ，580 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | ．．． | ．．． | ．．－ | $\cdots$ | $\cdots$ | $\cdots$ | … | $\cdots$ | 1，380 | $\cdots$ |  |
| $\begin{aligned} & 7,0,08 \\ & 77,100 \end{aligned}$ | $\begin{aligned} 1,70,6,0,000 \end{aligned}$ | 62,100 800,020 | 2，64，250 | －1，84 | $\cdots$ |  | ${ }^{*} 8,760$ | 二 | $\cdots$ | $\cdots$ | $\cdots$ |
|  |  | ${ }_{6} 6$ | 2，64，780 | $\cdots$ | $\ldots{ }^{000}$ | $\ldots 8$ | ．．．${ }^{8,760}$ | $=80$ | $\cdots{ }^{\text {c．．}} 180$ | $\cdots$ | $\cdots$ |
| $\cdots$ | －7，611 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | －－90 | $\cdots$ | $\cdots{ }^{-1}$ |
| $\ldots$ | （8，92000 | $\cdots$ | 17，70，109 | $\cdots$ | ${ }^{*}$ | $\cdots$ |  | $\cdots$ |  | $\because$ |  |
| $\cdots$ | 8， 20.205 | ．．． | 12，7，109 | $\cdots$ | 8，505 | $\ldots$ | ．．．29，500 | $\ldots$ | 22，872 | ．．． | … 9807 |
| $\ldots$ |  | $\cdots$ | ． $7,14,74,797$ |  | 9，72， 28.988 |  | 2，35，971．153 |  |  |  | 19，98，988 |
| $\cdots$ | （1，000 | $\cdots$ | \＄， $4,42 \times$ | $\cdots$ | 6，888，300 1,100 | … | 1，72，785 | $\because$ | ［1，32，109 | $\cdots$ | \％\％，311 |
| －－ |  |  | ．．． | ．．． | $\cdots$ | ．．． | ．．． | $\cdots$ |  | ．．． | ．．． |
| … | 4，68，41，910 | $\cdots$ | 7，16，70，219 | ．．． | $\left\|\begin{array}{r} 2,72,97,092 \\ 0,50,300 \end{array}\right\|$ | $\cdots$ | 2，95，98，010 | $\cdots$ | 15，88，600 | ＂－ | 10，94，089 |
|  | 4，05，84，035 |  |  |  |  |  |  |  |  |  |  |
| $\cdots$ | 40，00， $5 \times 3$ | ．．． | 8，${ }_{8}$ | $\cdots$ | 2，${ }_{\text {d，} 86,300}$ | $\cdots$ | ${ }_{\text {2，}}^{\text {2，37，}} 1.72,775$ | $\cdots$ | $21,20,569$ | … | 3， |
| $\cdots$ |  |  | 1，40，300 |  | $\cdots$ |  |  |  |  |  | $\cdots$ |
| $\cdots$ | 8，10，500 | $\cdots$ | $3,50,800$ | $\cdots$ | 70， 300 | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\because$ |
| $\ldots$ | $\cdots$ |  | $\cdots$ | $\ldots$ | $\cdots$ | ．．． | ．．． | $\square$ | ．．． | $\cdots$ | ．．． |
| $\cdots$ | $\stackrel{3}{10,600}$ | … | $4,27,100$ | $\cdots$ | 70，500 | … | $\cdots$ | $\cdots$ | $\because$ | $\cdots$ | $\cdots$ |
| $\cdots$ | 4，09，00，255 | $\cdots$ | 7，21，4，583 |  |  |  |  |  |  |  | 23，00，443 |
| －－ | 180，00，532 | ．－ | 84， $0,2 \times 31$ | ．．． | 2，8，86，500 | $\cdots$ | 2，1，72，775 | $\cdots$ | ${ }^{\text {21，32，157 }}$ | … | 2，$\ldots$ |
| － | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ．．＂ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  |
| $\cdots$ |  | － | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | － | $\cdots$ | $\cdots$ | ．． | $\cdots$ |
| $\cdots$ | $\cdots$ | \＃－． | $\cdots$ | … | $三$ | … | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | －－ |
| $\ldots$ |  |  |  | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ |
| $\because$ | $\cdots$ | $\cdots$ | $\cdots$ | ．． | ．．． | ．．． | $\cdots$ | $\cdots$ | ＂＊ | ．－－ | － |
| $\cdots$ |  |  | ．．． | ．． | ．．． | ．．． | ．．． | ．．． | ．．． | ．．． | －－ |
| $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ．．． | $\cdots$ | $\cdots$ | －－． |
|  |  |  |  |  | － | $\cdots$ | ．．． | $\cdots$ | $\cdots$ | $\cdots$ |  |

(3)-Quantitiss and Value of the principal and other articles of Foreign Merchandise and of Indian of Bombay and from the Prooince of Sind during the

-continued.
Produce and Manufactures and Valus of Treasure eaported to Foroigy couniries from the Presidency two official years 1890-91 and 1891-92-continued.


App. IV. D. (2).I
bombay admintstration beport.
[1891-52

## -

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D.-TRADE
(2).-Quantitios and Value of the principal and other articles of Foroign Merchandise and of Indian of Bombay and from the Province of Sind during the


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- continued.

Produco ind Manufactures and Falue of Treasure exported to Poreign countries from the Presidency tuoo official years 1890.91 and 1891-92-concluded.

D.-TRADE
(2).-Quantities and Falue of the principal and other articles of Mrerchandise and Valas of Treaoure
British India from the Port of Aden during


124
-continued
(exslusive of Government Biores and Treacure) exported to Poroign Countries asd Porta in. the tuo official years 1890-91 and 1891-92.


-continued.
(exclusive of Governmont Stores and Treasure) exported to foreign Countries and duriug the tico official years 1880-91 and 1891-92-continued.

(8).-Quantitios and Value of the principal and other articles of Merchandise and Value of Treasure Ports in Britialk India from the Port of Aden

-continued.
(axchusive of Government Stores and Treasure) exported to Forcign Countries and duriag the two official years 1890-9i and 1891-92-continned.

(2).-Qunntities and Value of the principal and other articles of Merchandisc and Value of
Ports in British India from the Port of Aden


130
-continued.
Treasure (exclusive of Govarnment Stores and Treasura) exported to Foreign Countries and during the two official years 1890-91 and 1891-92-continued.

(2).-Quantities and Value of the principal and other articles of Morchandine and Value of
Ports in British India from the Port of Aden

| Artolon. | Denominatlon. | Uxizeo Bratza. |  |  |  | $\triangle$ Аани, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1800.01. |  | 1891-09, |  | 1890.91. |  | 1501-92 |  |
|  |  | Quanuty. | Valco. | Quantity. | Value | Quantity, | Valme. | Quantig. | Value. |
|  |  |  | B. |  | Ra. |  | $\ldots$ |  | 日. |
| Sritaln-continued. |  |  |  |  |  |  |  |  |  |
| $\begin{array}{lllll}\text { Onwroukht... } & \ldots & \ldots & \ldots & . . \\ \text { Other muts... }\end{array}$ | $\begin{array}{ccc} \text { cwt } & \cdots . \\ " & \cdots & \cdots \end{array}$ | $\cdots$ | ... | $\cdots$ | :.' | .$^{191}$ | ... ${ }^{1,952}$ | ... ${ }^{17}$ | 1,.832 |
|  | ". $\quad .$. | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 71 200 | $\begin{aligned} & 5,957 \\ & 0,100 \end{aligned}$ | 184 | 8,023 |
|  | Gannas... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 00,012 |  | 192,502 |  |
| ${ }^{\text {Paper and Pasteboard }}$... ... ... ... | " | $\cdots$ | $\cdots$ | … | … | $\cdots$ | 16, 18.243 | ... | 10.170 |
| Prwisting | $\ddot{\prime \prime}$ | $\cdots$ | ${ }^{\circ} 60$ | $\cdots$ | ${ }^{\prime \prime}{ }^{\text {c }} 8$ | $\cdots$ | 3, 00,254 | $\cdots$ | .6,47,450 |
| Salt | C"Wt. $\quad .$. | "." | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | .". | … | … |
|  | Cwh. ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\begin{aligned} & 2,7 \% 2 \\ & 2,018 \end{aligned}$ | $\begin{aligned} & 29,718 \\ & 18,158 \end{aligned}$ | $\underset{i, 438}{7,74\}}$ | $\begin{aligned} & 4,1,106 \\ & \hline \end{aligned}$ |
| athella avd Cowrice ... ... ... ... | Valao ... | ... | 8,230 | .. | 7,000 | .." | 1,290 | ... | 1,198 |
|  | Lbor. | .. | $\cdots$ | "• | $\cdots$ | 10,015 | 80,071 | 14,001 | 4,100 |
|  | Yardat ... $\quad . .$. | $\cdots$ | $\cdots$ | $\cdots$ | .'.' | ${ }^{35,247}$ | $\begin{gathered} 4,078 \\ i, 010 \end{gathered}$ | -62,800 | 60, 203 |
|  | Lbe. ... ... | *- | -* | "* | "' | 2,005,041 | 1,04,408 | 1,478,102 | 3,20,20s |
|  | Cwt. | .". | ... | $\ldots$ | $\cdots$ | 88,104 | 4,26,174 80 | 42,450 | 8,30,470 |
| Tobseco- <br> Unmanufactured | Lba. | ... | .." | $\cdots$ | $\cdots$ | 1,725,192 | 2,00,208 | 1,831,804 | 8,70,428 |
| Manutheturod i.. |  |  |  |  |  | $\cdots$ | $\cdots$ | 14 | 10 |
| . ${ }^{\text {c }}$. |  |  | $\cdots$ | -" | ... | 8,472 | 217 | $\xrightarrow[80,829]{ }$ | 6,016 |
|  | Volue ... | $\cdots$ | … | $\cdots$ | $\cdots$ | .". |  | - 82 |  |
|  | Cwt. ... | $\cdots$ | …' | ".: | $\cdots$ | $\cdots$ |  | ${ }^{\circ}$ |  |
|  | lue ... | "* | " | .. | -* | $\cdots$ | 14,600 | ..* | 26,853 |
|  | Lbs ... | .. | $\cdots$ | ." | ..' | $\cdots$ | "* | $\cdots$ | .. |
|  | $\begin{array}{ll} \text { Yardt } \ldots \\ \text { Yaluo ... } & \cdots \\ \hline \end{array}$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ${ }^{81,078}$ | $\because 981,388$ | ${ }^{7,807}$ | ${ }_{8}^{0,01672}$ |
|  | Valae ... |  | 4,090 |  | 8,888 |  | 88,387 | '... | 70,802 |
| Total, Norchandiso ... | $\cdots$ | ... | 40,15,019 | $\cdots$ | 07,72,882 | ". | 89,01, 185 | ..- | 02,02,008 |
|  | …… | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\begin{gathered} 10,372 \\ 0,08,062 \end{gathered}$ | ... | $20,1,178$ |
| Tota, Trusure .- | ..... | $\cdots$ | ... | .. | .." | ... | 7,06,425 | ." | 25,89,023 |
| Crand total of exporte of Merchanalse and Treacuro | ...... |  |  |  |  |  |  |  |  |
|  |  | ... | 40,16,019 | .. | 07,72,002 | ... | 00,00,600 | ** | 67,01, 400 |

-continued.
Treanure (exclusive of Gorem ment Btores and Treaenre) eopported to Poroign Countries and during the two official yoare 1890-91 and 1891-02-continued.

(2).-Quantities and Talue of the principal and other articles of Merchandise and Value of Ports in Britioh India from the Port of Aden

-conininued.
Treasure (exclusive of Government Stores and Treasure) exportel to Foreign Oountries and during the two official years 1890-91 and 1891-98-concluded.


App. IV. D. (3).]
BOMBAY 1 DMNIETRATION REPORT.
D.-TRADE--continued.
(3).-Statement of Customs. Disy cotlected on the principal and othor arliclos of Merchandise, mulject to du on Import and Export, at Ports in the Presidency of Bombay, and in the Province of Sind, during two official years 1890-91 and 1891-92.

| Articlen | AMOUNT OF DUTY COLlected. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1800-91. |  |  |  | 1801-2\%. |  |  |  |
|  | Grosk. |  | Nmin |  | Onomb |  | Nir. |  |
|  | Bombay. | alnd. | Bombay. | Blod. | Bomben. | slnd. | Bombay. | Siod |
| inforts. <br> Arnis, Ammunition, \&a. | R1. | Re. | Re. | Rs. | Rs, | Re. | Re. | Rs. |
|  | 60,979 | *** | 40,885 | $\cdots *$ | 84,825 | $\cdots$ | 71,437 | ... |
| Liquors- <br> Ale, Beer and Portor ... <br> Spirita <br> *Wines and Tliqueure ... <br> Other sorts |  |  |  |  |  |  |  |  |
|  | 43,408 | 20,068 | 43,468 | 20,057 | 64,417 | 25,042 | 54,417 | 24,07 |
|  | 15,62,709 | 5,55,09.4 | 16,37,635 | 5,48,252 | 15,20,513 | 8,62,040 | 15,01,778 | $8,49,21{ }_{1}$ |
|  | 1,62,043 | 57,922 | 1,61,092 | 57.288 | 1,68,680 | 60,031 | 1,67,8rs | 59,12: |
|  | 64 | 37 | 64 | 37 | 28 | 22 | 28 | 24 |
| Oils- |  |  |  |  |  |  |  |  |
| Mineral- |  |  | - |  |  |  |  |  |
| Karosine . ... ... | 4,48,317 | '... | 4,40,910 | -." | '8,93,480 | ... | 3,88,708 | ** |
| Other sorth ... ** | 868 | $\cdots$ | 568 | ..* | 769 | ..* | 769 | ... |
| Opium ... ... ... | 487 | 1... | 487. | ... | 161 | ** | 101 | ." |
|  | 12,067 | 1,480 | 12,067 | 1,480 | 16,453 | 1,823 | 15,453 | 1,823 |
| All other artiolea (excolvading Pe : nalog Đuty) $\because \quad \because \quad \because$ | 7,387. | 1,26,732 | 1;367 | 1,244,830 | 1,322 | 1,08,430 | 1,322 | 91,706 |
| Tatal Drity on Inaualing Salt : | 22,02,177 | 7,61,948 | 22,47,491 | 7,51,050 | 22,48,067 | 7,57,207 | 22,01,026 | \$,26,956 |
| (Excluding ta. | 22,80,110 | 7,60,453 | 22,35,424 | 7,50,470 | 22,33,234 | 7,55,474 | 21,86,473 | 7,25,133 |
| Emporis. |  |  |  |  |  |  |  |  |
| Grain and Pulso- |  |  |  |  |  |  |  |  |
| 'Site (in the husk) | *. | 8,988 | v. | 8,088 | $\therefore 2,880$ | 10,109 | 2,830 ${ }^{\prime}$ | 10,120 |
| Rice (not in tho lugk) ... .. | 2,07,467 | 67,086 | 2,05,963 | 76,780 | 1,85,530 | 73,717 | 1,84,530 | 73,408 |
| All other dyticles 'rexcluding Penalty Duty). |  | $\cdots$ | ** | ... | ** |  | $\cdots$ | ... |
| Total Duty on Exports . | 2,07,407 | '86,048 | 2,05,983 | 85,772 | 1,88,300 | 83,916 | 1,87,369 | 83,528 |
| Gand total, Duty con ixaports and Exporta $\quad$.. ... ... | 24,90,644 | 8,47,090 | 24,53,454 | 8,37,722 | 24,37,017 | 8,41,213 | 23,80,205 | 8,10,484 |

## D.-TRADE-continued.

(3).-Statement of Customs Duty collected on the principal and other articles of Mferchandise, subject to duty, on Import and Export at the Port of Aden, dursng the two official years 1890-91 and 1891-92.

| Artcles. | AYOUNT OP DUTY COLLEOTED. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 189002. |  | 1897-9\% |  |
|  | Orom. | Hod. | arome | Neem |
|  | R. | Rs. | R\%. | Rs, |
| Arme, Ammunition, de. A.. ... ... $^{\text {a }}$ | *...* | ...." | ."...' | ..... |
| Liquors- |  |  | . |  |
| Ale, Beer and Porter ... .... ... | 726 | 726 | 2,200 | 2,200 |
| Spirits ... ... ... ... ... | 44,015 | 44,015 | 48,193 | 48,193 |
| Wines and Liqueurs ... ... ... | 6,607 | 6,607 | i . ${ }^{5,243}$ | 5,243 |
| Other morts ... ... ... ... ... | -...** | -..... | *-... | -."** |
| Opiom ... ... ... $\quad .$. | ...... | ..... | - ${ }^{\text {c. }}$ | *-...* |
| Salt ... ... ... ... ... ... | 13,562 | 13,562 | 14,235 | 14,285 |
| All other articlea (excluding Penalty Duty) . | *** | Pr.. | ...... | $\cdots$ |
| . | 64,910 | 64,910 | 69,871 | 69,871 |
|  | 51,348 | 51,348 | 55,636 | 65,636 |
| Exports. |  |  |  |  |
| Grain and Pulse- |  |  | E |  |
| Rice (in the hask) ... ... ... ... | **** | $\cdots \cdots$ | ?... | $\cdots$ |
| Rice (not in the husk) .... ... ... | $\because \cdots$ | **** | **** | $\cdots$ |
| All other articlea (excluding Penalty Duty) | *...** | **** | *..." | -...... |
| Total, Daty on Exporta ... ... | -.... | - | ...... | -..... |
| Grand Total, Daty on Emporte and Exports . | 64,910 | 64,910 | 69,871 | 69,871 |

D. -TRADE
(4).-Total Value of Merchandise (distinguishing Country from Foreign) and Treasure imported and years $1800-91$

-continued.
exported coastwise into and from the Presidenoy of Bombay and the Prouince of Sind in the official and 1891-92.

| Dres |  |  |  |  |  | Treastre. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| smax. |  |  | Tor |  |  |  |  |  |  |
| 1891-02. |  | 1800-01. |  | 1691.92. - |  | 1800-91. |  | 1891-02* |  |
| Bombey. | Stnd. | Bombay. | Stnd. | Bombay. | Bind: | Bombay. | sind. | Bombay. | slod. |
| R. | Re. | Re. | Rs. | Rs. | Ra. | Ra. | Re. | Re. | Ra. |
| $\begin{aligned} & 3,16,078 \\ & 1,50,618 \end{aligned}$ | $\begin{array}{r} 7,100 \\ 10,741 \\ 8,700 \\ \hline 1,58,71,694 \end{array}$ | $\begin{gathered} 1,63,44,648 \\ 1,40,57,402 \\ 56,, 42,414 \\ 1,00,10,257 \\ \ldots \ldots \end{gathered}$ | $\begin{array}{r} 2,66,797 \\ 2,48,904 \\ 2,97,450 \\ 1,97,43,147 \\ \hline \end{array}$ | $\begin{gathered} 1,86,94,682 \\ 1,47,95,097 \\ 30,52,972 \\ 1,00,64,981 \\ \ldots \ldots \end{gathered}$ | $\begin{array}{r} 8,86,304 \\ 2,78,064 \\ 1,90,238 \\ \ldots \ldots \ldots \\ 2,20,87,721 \end{array}$ |  | $\ldots$ |  | $\ldots$ |
| $\begin{array}{r} 30,623 \\ 18,46,981 \end{array}$ |  |  |  |  |  | 2,500 .. .0000 | $\ldots$ | 16,536 $\cdots$ |  |
|  |  |  |  |  |  | 22,900 | 50,11,950 | ... 680 | 36,33,000 |
| 18,44,300 | 1,50,93,235 | 4,06,14,721 | 2,05,56,304 | 4,66,07,732 | 2,43,43,227 | 25,400 | B0,11,950 | 21,936 | 36,33,500 |
| 44,44,915 | 2,21,311 | 4,17,41,225 | 6,96,331 | 4,06,24,217 | 6,87,447 | 10,79,987 | 9,600 | 6,63,599 | 3,500 |
| $\begin{array}{r} 25,607 \\ 1,02,220 \end{array}$ | $\begin{aligned} & 8,049 \\ & 5,357 \end{aligned}$ | $\begin{array}{r} 22,63,237 \\ 3,30,18,300 \\ 2,71,706 \end{array}$ | $\begin{array}{r} 76,878 \\ \mathbf{1 , 9 7 , 7 7 6} \end{array}$ | $\begin{array}{r} 16,26,380 \\ 1,92,91,416 \end{array}$ | $\begin{array}{r} 72,717 \\ 3,06,536 \end{array}$ | $\begin{gathered} 2,44,642 \\ 6,46,694 \\ -\ldots \ldots \end{gathered}$ | $\begin{array}{r} 45,476 \\ 4,513 \end{array}$ | $\begin{array}{r} 77,339 \\ 8,52,573 \end{array}$ | $\begin{aligned} & 55,071 \\ & 18,029 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |
| ${ }_{23,082}^{551}$ |  |  | $\cdots 18,185$ | 1,01, 8 , 48,721 | $\cdots 74.420$ |  | ... | 80,000 |  |
| 23,082 |  | $\begin{array}{r} 2,71,706 \\ 1,24,62,149 \end{array}$ |  |  |  | $(1)^{-1,00}$ | ... |  | ... |
| 1,430 | ....... | 1,63,149 | 7.810 | - 30,546 | 24,420 1,559 | ...... | $\ldots$ | ** | ... |
|  | $\cdots 1,061$ |  | $\begin{gathered} \cdots \cdots \cdot{ }_{740} \\ \cdots \cdots \cdots \end{gathered}$ | 1,60,395 | ... | $\cdots \cdots \ddot{0}_{1}, 000$ | $\ldots$ | ... | $\ldots$ |
| 1,448 |  |  |  | 1,01,025 | -7.7,061 | 20,000 |  | ... | ... |
| 445 | ...... | $\begin{array}{r}35,189 \\ 2,79,604 \\ \hline 681\end{array}$ | $740$ | 2,78,004$\mathbf{7 , 5 3 , 1 0 8}$ | $\cdots$ | $\cdots{ }^{\circ} 875$ | $\cdots$ | $\because{ }^{380}$ | $\ldots$... |
| 1,013 | ...... | 6,61,629 |  |  |  |  |  |  |  |
| 440 | ....... | 25,38,048 | [3,170 | 31,89,811 | 99,362 | ....... | .... | .... |  |
| 2,36,236 | 14,467 | 5,17,53,115 | 3,08,483 | 3,59,58,987 | 5,21,476 | 9,58,641 | 49,989 | 10,12,792 | 73,100 |
| 65,25,451 | 1,62,29,013 | 14,01,00,06I | 2,15,21,118 | 12,31,90,936 | 2,55,52,150 | 20,64,028 | 50,64,439 | 15,98,327 | 37,10,100 |
| 1,83,706 | 10,85,923 | 6,63,208 | 9,20,541 | 5,97;036 | 18,58,078 | 12,27,563 | 76,05,000 | 7,43,349 | $1,12,80,000$ |
|  |  | $\begin{aligned} & 1,80,19,992 \\ & 1,88,92,969 \\ & 34,63,768 \\ & 1,82,30,629 \\ & \ldots \ldots \end{aligned}$ | $\begin{array}{r} 9,890 \\ 281,627 \\ 48,857 \\ \cdots \cdots \cdots, 07 \end{array}$ | $\begin{aligned} & 1,33,88,967 \\ & 2,11,76,675 \\ & \mathbf{3 9 , 0 9 , 1 3} \\ & \mathbf{2 , 1 9 , 7 4 , 6 6 7} \end{aligned}$$60 *+\pi=$ | $\begin{array}{r} 17,496 \\ 3,71,697 \\ 37,740 \\ 1,04,01,382 \end{array}$ | $\begin{gathered} 8,96,773 \\ \cdots 5,59,600 \\ \ldots \ldots \ldots \end{gathered}$ | $\begin{aligned} & \ddot{20,000} \\ & \cdots \\ & \dddot{9,100} \end{aligned}$ | $\begin{array}{r} 8,07,301 \\ 31, \dddot{733}, 612 \\ \ldots \end{array}$ | - $\quad$. <br> ... $1,700$ |
| 14,79,330 | 10,715 |  |  |  |  |  |  |  |  |
| $96,77,751$ $15,43,934$ | 29,784 1,290 |  |  |  |  |  |  |  |  |
| 1,56,60,635 |  |  |  |  |  |  |  |  |  |
|  | 14,87,820 |  |  |  |  |  |  |  |  |
| 2,83,01,650 | 15,29,609 | 5,36,07,378 | 1,05,36,180 | 6,04,49,822 | 1,08,28,315 | 39,56.373 | 29,100 | 39,81,113 | 1,700 |
| 42,20,864 | 2,20,044 | 4,12,09,580 | 6,18,956 | 4,11,39,214 | 6,78,968 | 10,32,561 | 2,500 | 5,60,399 | 3,500 |
| 13,10,0;3 | 97.550 | 87,40,161 |  | 33,99,636 | 12,19,119 | 86,120 | 3,000 | 29,844 | 170 |
| 56,47,735 | 1,94,007 | $\begin{array}{r}1,40,13,225 \\ 2,96,268 \\ \hline 1\end{array}$ |  | 1,23,85,381 | $9,05,979$.. .7 | 14,20,750.$\cdots \cdots$ |  | 3,57,219 | $\cdots$ |
| 25,58,4473 | $\cdots$ |  | 14,12,492 $\ldots \ldots .$. | 3,00,087 |  |  | ... | ... | ... |
| 25,58,473 | .... | 38,18,301 | 360 | 45,33,510 | 2697 | 16,600 | $\cdots$ | ... | $\cdots$ |
| $\cdots \quad \begin{array}{r}1,998 \\ \hline 4,933\end{array}$ | ....... | 99,810 $1,49,228$ | ....... | 63,002 1,27,931 | ....... | ....... | $\ldots$ | $\dddot{2,000}$ | .... |
|  | ...... | 3,794 | ....... |  | ....... | ...... | ... | .** | ... |
| 22,107 | ...... | 49.162 | ...... | 68,669 | ...... | ...... | ...- | ... | $\cdots$ |
| 92.1030 |  | 8,10,P45 |  |  |  |  |  |  | $\cdots$ |
| 2,27,845 | 1,799 | 6,50,478 | 4,270 | -6,32,818 | 3,534 | ...... | ... | -. 2,151 | $\ldots$ |
|  | ....... | 25,03,283 | $\ldots$ | 4,27,014 | …… | -77,495 | $\cdots$ | $1,36,191$ | $\ldots$ |
| :..... | ...... | 5,452 |  | 21,50, | ...... | , |  | ... |  |
| 1,07,46,525 | 2,93,386 | 2,57,33,100 | 28,04,438 | 2,43,59,738 | 21,91,329 | -16,80,965 | 3,500 | 5,97,405 | 170 |
| 4,32,74,039 | 20,43,039 | 12,05,50,058 | 1,39,69,568 | 12,50,48,774 | 1,36,98,612 | 65,69,899 | 35;100 | 50,68,917 | 5,370 |
| 6,28,627 | 2,23,555 | 11,77,908 | 4,48,791 | 16,81,391. | 2,73,150 | 1,71,79,130 | 8,000 | 1,21,94,909 | ... |

D.-TRADE
(5).-Number and Tonnage of Sailing and Steam Vessels, distinguishing their Nationality, which enterer

Prooince of Sind in the official year 1891-92

-continued.
and charel with cargoes from and to Poroign Countrics at Ports is the Presidency of Bambay and in-the compared with the tutals of the year 1890-91.

D.-TRADE
(5). -Number and Tonnage of Sailing and Steam Vessels, distinguishing their Nationality, which entored

Province of Sind in the official year 1891-9:',

-continued.
and cleared soith cargoes from and to Foreign Countries at Ports in the Presidency of Bombay and in the .
compared will the totals of the year 1890-91-continued.

| namere cent. |  |  |  | Guns Toxth, 18970e |  |  |  | Oux Tothe, 280002. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Enturas. |  | crased. |  | Enumed. |  | Cumed. |  | Entered. |  | claved |  |
| Vemels | Tons, | Vemeels. | Tола. | Vemelar. | Tons. | Vessela. | Tons | Veseels. | Tons. | $\begin{aligned} & \text { Veb- } \\ & \text { sela } \end{aligned}$ | Tons. |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 308 59 | 615,827 | 145 | 303,188 113,096 | 311 | 625,495 120,690 | 116 69 | $\begin{aligned} & 242,488 \\ & 130,944 \end{aligned}$ |
| ... $\cdots$ $\cdots$ | ... | $\ldots$ | $\ldots$ | 59 | 111,017 $\ldots .$. | $\ldots{ }^{56}$ | 113,096 $\ldots$ | 68 1 | 120,690 $.1,942$ | ${ }^{69}$ | $\xrightarrow{130,944}$ |
| $\cdots$ | $\ldots$ | … | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | ... |
| $\cdots$ | ... | ... | ... | 22 | 48,060 | - 21 | 47,002 | 22 | 49,161 | 19 | 42,586 |
| ... | ... | ... | ... | -- | ... | ... | ... | ... | ... | $\cdots$ | $\cdots$ |
| $\ldots$ | $\ldots$ | $\ldots$ | ... | ... | $\ldots$ | $\ldots$ | ... | … | $\cdots$ | $\cdots$ | $\because$ |
| ... | ... | ... | ... | ... | ... | 136 | 253,323 | 1 | 851 | 58 | 112.631 |
| ... | ... | ... | ... | ... | ... | 19 | 32,458 | ... | ...' | 6 | 9,187 |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | ... | ... | ... | $\cdots$ |
| ... | ... | ... | ... | $\cdots$ | ... | ... | ... | ... | ... | $\cdots$ | ... |
| ... | ... | ... | ... | 16 | 26,927 | 17 | 29,159 | 11 | 18,261 | 19 | 29,953 |
| ... | $\cdots$ | $\cdots$ | ... |  | 6,513 . |  | 6,935 | 9 | 15,656 | 1 | 1,441 |
| ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ..... | $\cdots$ | $\because$ |
| $\cdots$ | ... | ... | ... | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ |  | $\cdots$ | $\cdots$ |
| $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 18 | P1,494 | ... | ... | 6 | 10,509 |
| $\cdots$ | ... | ... | ... | ... | ... |  | 5,732 | ... | ... | $\cdots$ | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | ... | ... | ... | ... | $\ldots$ | … |
| ... | ... | ... | ... | 18 | 48,586 | 40 | 84,957 | 18 | 45,684 | 35 | 69,836 |
| ... | ... | $\ldots$ | $\cdots$ | ... | ... | ... | ... | ... | ... | $\ldots$ | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | .- | $\cdots$ |
|  |  |  | ... |  |  | 2 | 2,348 |  |  | 1 | 1,239 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | $\ldots$ |
|  | ... | $\ldots$ | $\cdots$ | ... | ... | ... | ... | ... | ... | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | $\ldots$ | ... | ... | ... | $\cdots$ | ... | $\cdots$ | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1,798 |
| ... | ... | ... | ... | ... | ... | $\cdots$ | ... | ... | $\cdots$ | ... | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | $\cdots$ | \% |
| ... |  |  |  | 17 | 13,038 | 21 | 17,356 | 22 | 17,699 | 24 | 20,356 |
| ... 9 |  |  |  | 1 | 1,504 |  |  |  |  |  |  |
| ${ }_{11}^{25}$ | 2,127 | 71 | 6,675 40 | 11 | 2,989 768 | ${ }_{5}^{98}$ | 9,580 $4 \times 8$ | 15 | $.$ | 100 | 9,301 |
| ... | $\ldots$ | ... | ... | 3 | 4,050 |  | 28,170 | 2 | 2,617 | 15 | 20,447 |
| $\ldots$ | ... | ... | ... | ... | ... | 68 | 93,557 | ... | ... | 20 | 31,605 |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | d |
| ... | ... | $\cdots$ | $\ldots$ | 19 | 29,699 | 9 | 12,416 |  |  | 7 | 11,261 |
| $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | 9 | ${ }_{\substack{2,366 \\ e, 782}}^{2,36}$ | $\cdots{ }^{*}$ | 1,940 | 3 | $\begin{array}{r}\text { 4,719 } \\ \hline 18\end{array}$ | 1. | $\because{ }^{\circ} 500$ |
| $\ldots$ | ... | ... | ... | 10 | 3,990 | ... | $\ldots$ | 2 | 777 | 1 | 280 |
| $\cdots$ | ... | ... | ... | ... | $\cdots$ | ... | ... | ... | ... | ... | $\cdots$ |
| ... | $\cdots$ | ... | $\cdots$ | $\ldots$ | ... | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | $\ldots$ | ... | ... | ... | $\ldots$ | ... | ... | ... | ... | .. |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | $\cdots$ |
| ... | $\ldots$ | ... | $\cdots$ | ... | ... | ... | ... | ... | $\cdots$ | $\cdots$ | $\because$ |
| ... | ... | ... | ... | $\cdots$ | ... | $\ldots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | ... |
| $\cdots$ | $\ldots$ | -- |  |  | 1,638 |  |  |  |  | $\cdots$ | $\cdots$ |
| $\cdots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ |  | $\ldots$ | $\cdots$ |  | 2,189 5,204 | $\cdots$ | $\ldots$ |
| $\cdots$ | $\ldots$ | $\cdots$ | ... |  | 2,537 | $\cdots$ | $\cdots$ | ... | 5,20 | ... | ... |
| ... | ... | -. | $\cdots$ | 33 | 41,149 | 31 | 36,433 |  |  | 31 | 37,630 |
| ${ }^{-1} 14$ | 14,212 | $\cdots$ |  |  | $\underset{21,020}{ }$ |  |  |  | 3,939 18,755 | 146 | 17,328 |
| 22 | 1,271 | 18 | 1,315 | ${ }^{314}$ | . 1,986 | ${ }_{23}^{136}$ | 1,578 | - ${ }^{23}$ | 1,652 | 46 | 3,392. |

D.-TRADE
(5).-Number and Tormage of Sailing and Steam Vobsels, distinguishing their Nationolity, which entered Province of Sind in the official your 18:11.5\%,

-continued.
and cleored with cargoes from and to Foreign Countries at Ports in the Presidency of Bombay and in the compared with the totale of the year 1880-91-continued.

(5). Number and Tonnage of Sailing and Stoam Vessels, distinguishing their Nationality, which entcre Province of Sind in the official yeur 18:91-9*

-continued.
and cleared with eargoes from and to Forcign Countries at Ports in the Presidency of Bombay and in the compared with the totals of the year 1830-91-concluded.

(6).-Number and Tonnage of Sailing and Stcam Vessele, distinquishing their Nationality, which enteresl Province of Sind, in the official year 1891-92,

-continued.
and cleared in Ballast from and to Poreign Countries at Ports in the Presidency of Bombay and in the compared with the totals of the year 1800-91.

| Puscu. |  |  |  | Itaum. |  |  |  | Axmioss. |  |  |  | Ane. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Entered. |  | Clarased. |  | Enterad. |  | clased. |  | Enterad. |  | Clearch. |  | Eoterod. |  | Cleared. |  |
| Vemens. | Tons. | Vomenc. | Tona. | Venela. | Tons. | Vessels. | Tons | Vesselc. | Tons | Veseels: | Tons. | Vessels. | Tona. | Vessela. | Tons. |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | ... | ... | $\cdots$ |
| $\cdots$ | … | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | ... | $\ldots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots \cdot$ | $\cdots$ | $\cdots$ | $\cdots$ | ... |
| $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | ... |
| ... | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\ldots$ | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | ... | $\ldots$ |
| ... | $\cdots$ | $\cdots$ | $\because$ | $\cdots$ | $\because$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | …' |
| ... | ... | ... | ... | ... | $\cdots$ | ... | ... | ... | $\cdots$ | $\cdots$ | .. | ... | ... | ... | ... |
| ..: | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ |
| $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | .... | ... |
| $\cdots$ | ... | $\cdots$ | ... | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... |
| ... | … | ... | ... | ... | ... | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | ... | ... | ... | ... | ... |
| $\ldots$ | $\ldots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\stackrel{.}{.}$ | $\stackrel{2}{4}$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | $\cdots$ | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| .- | ... | $\ldots$ | ... | ... | ... | ... | ... | .. | $\cdots$ | ... | ... | ... | ... | ... | - |
| $\cdots$ | $\ldots$ | $\cdots$ | … | $\cdots$ | $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | … | $\ldots$ | $\cdots$ |
| ... | $\ldots$ | $\cdots$ | ... | $\cdots$ | ... | ... | ... | ... | $\ldots$ | -.. | ... | $\cdots$ | $\ldots$ | ... | $\ldots$ |
| $\cdots$ | ... | $\ldots$ | $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | ... | ... | $\ldots$ | ... | ... | ... | ... | ... |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\ldots$ |
| ... | ... | $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | ... | ... | ... | ... | ... | $\cdots$ | ... | ... | ... |
| ... | ... | ... | ... | ... | ..• | ... | ... | $\cdots$ | ... | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | ... |
| $\cdots$ | … | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | ... | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ |
| $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | ... | . | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | ... | ... |
| .. | ... | ... | ... | $\cdots$ | ... | ... | ... | $\cdots$ | $\ldots$ | ... | ... | ... | ... | ... | ... |
| $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ |
| ... | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | ... | ... | $\cdots$. | ... | $\cdots$ | ... | $\cdots$ | ... | ... | ... |
| $\cdots$ | ... | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | ... | ... | ... | ... | ... | ... |
| $\ldots$ | … | $\ldots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ |
| ... | $\cdots$ | $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | ... | $\cdots$ | ... | $\cdots$ | ... |
| -- | $\cdots$ | $\cdots$ | ... | ... | ... | ... | $\ldots$ | ... | $\cdots$ | $\therefore$ | $\cdots$ | $\cdots$ | ... | ... | ... |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\because$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | $\cdots$ | $\cdots$ | ..: | ... | ... | ... | ... |
| ... | ... | ... | ...' | ... | $\ldots$ | ... | ... | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... |
| ... | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | $\cdots$ | ... | ... | ... | $\cdots$ | $\ldots$ | $\ldots$ | ... | ... | $\cdots$ | '... | ¢. |
| $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | … | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | ... | $\cdots$ |
| ... | ... | $\cdots$ | ... | ... | ... | $\cdots$ | ... | $\cdots$ | ... | ... | ... | $\cdots$ | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .... | ... | $\cdots$ | $\cdots$ | ... | ... |
| ... | ... | $\cdots$ | … | $\cdots$ | … | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ |
| … | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\because$ | ... | $\ldots$ | $\ldots$ | … | $\because$ | $\ldots$ | ... | $\ldots$ | $\ldots$ | … |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |  |  |  | ... | ... |
| $\ldots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | ... | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | ${ }^{*} 2$ | 10̈ |
| = 741-38 ap |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 149 |

(6).-Number and Tonnage of Sailing and Steam Vessels, distinguishing their Nationality, which entered

Province of Sind, in the official year 1891-92,

-continued.
and cleared in Ballast from and to Foreign Countries at Ports in the Presidenoy of Bombay and in the compured with the totals of the year 1890.91-continued.

| Narme Cuns. |  |  |  | OEAxD Torth, 1801 -0. |  |  |  | Ound Tor山, 180002. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Entered. |  | ciomers. |  | Enterod |  | cloared. |  | Entered. |  | clearad. |  |
| Vemels. | Tons, | Vensels. | Tons. | Vessels. | Tona. | Vessels. | Tons. | Vessels. | Tone. | Vessela. | Tons |
| $\cdots$ | ... | $\cdots$ | $\cdots$ | 3 | 8,654 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... |
| ... | ... | $\ldots$ | ... | $\ldots$ | ${ }^{\mathbf{3}, .296}$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | $\cdots$ | ... |
| $\cdots$ | $\ldots$ | $\cdots$ | ... | 2 | 3,190 | ... | ... | ... | ... | $\cdots$ | ... |
| $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | … | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | ... | $\cdots$ | ... | ... | $\ldots$ | $\ldots \cdot$ | ... |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 15 | 35,330 | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... |
| $\ldots$ | $\ldots$ | ... | $\ldots$ | .$^{3}$ | 5,030 $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ |
| ... | .. | ... | ... | $\cdots$ | ... | $\ldots$ | ... | $\cdots$ | ... | $\cdots$ | ... |
| $\cdots$ | ... | $\cdots$ | ... | ... | $\cdots$ | ... | $\ldots$ | $\cdots$ | ... | ... | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | ... | ... | ... | $\cdots$ | ... | $\ldots$ | ... |
| $\ldots$ | ... | $\cdots$ | .. | $\ldots$ | ... | $\ldots$ | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ |
| $\ldots$ | ... | $\ldots$ | … | $\cdots$ | $\cdots$ | ... | $\ldots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | ..\% |
| ... | $\ldots$ | $\cdots$ | $\cdots$ | 20 | 30,657 | ... | $\cdots$ | 1 | 1,457 | $\cdots$ | $\cdots$ |
| $\ldots$ | ... | ... | $\cdots$ | 12 | 20,015 | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ |
| $\cdots$ | $\cdots$ | ... | $\ldots$ | $\cdots$ | ... | ... | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$. | ... | ... | ... |
| $\cdots$ | ... | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ |
| ... | ... | $\ldots$ | ... | ... | ... | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | ... |
| $\ldots$ | ... | $\cdots$ | ... | 3 | 4,885 | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... |
| $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | ... | $\ldots$ | $\cdots$ | $\cdots$ | ... | $\ldots$ | $\ldots$ |
| $\cdots$ | $\ldots$ | $\ldots$ | ... | ... | ... | ... | ... | ... | ... | ..." | $\cdots$ |
| $\ldots$ | ... | ... | ... | 2 | 3,467 | $\cdots$ |  | 1 | 1,168 | ... | $\cdots$ |
| $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  |
| $\cdots$ | $\ldots$ | ${ }^{*} 1$ | ${ }^{1} 153$ | $\ldots$ | $\cdots$ | ${ }^{*}{ }^{\text {i }}$ | $\cdots 153$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | 74 | 120,738 | $\cdots$ | ... | 3 |  | $\cdots$ | ... |
| $\cdots$ | ... | ... |  | 52 | 92,569 | ... | ... | $\ldots$ | 1,257 | ... | ... |
| $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ |  | $\cdots$ | $\cdots$ | $\ldots$ |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ |
| $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... |
| ... | ... | ... | $\cdots$ | $\ldots$ | $\ldots$ | ... | ... | $\cdots$ | $\cdots$ | $\cdots{ }^{\prime \prime}$ | ..* |
| ... | ... | :.. | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ |
| $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | ... | $\ldots$ | $\ldots$ | $\ldots$ | ... |
| ... | ... | ... | ... | $\cdots$ | ... | ... | $\ldots$ | $\cdots$ | ... | ... | ... |
| $\ldots$ | ... | $\ldots$ | ... | $\ldots$ | ... | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | ... |
| $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ |  |
| $\cdots$ | $\cdots$ | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ |
| ... | $\cdots$ |  | ... |  |  |  |  |  | ... | $\cdots$ | L. |
| $\ldots$ | $\cdots$ | $\ldots$ | ... | ... | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | /.. |
| $\ldots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | -.. | $\cdots$ | $\cdots$ | $\therefore$... |
| ... |  | ... | ... |  |  |  | $\cdots$ | 1 | 1,775 | 3 | 4,954 |
| ... | $\cdots$ |  | $\cdots$ |  | 831 |  |  |  |  |  | ... |
| $\cdots 1$ | ${ }^{\cdot} \cdot 149$ | ${ }_{12}^{1}$ | 126 892 | $\cdots{ }_{2}$ | $\cdots 149$ | [14. | 125 .$\quad 993$ | $\cdots{ }_{5}$ | ${ }_{485}$ | ${ }^{\cdot \cdots}$ | $\cdots{ }_{79}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |

App. IV. D. (6).] :
BOËBAY ADMINISTRATION BEPORT.
[1801. $8 \%$
D.-TRADE
(6).-Number and Tonnage of Sailing and Steam Vessels, distinguishing their Nationality, which entered Province of Sind in the official year 1891-92,

-continued.
and clearad in Ballast from and to Foreign Countries at Ports is the Presidency of Bombay and in the complared with the totals of the year 1890-91-continued.

D.-TRADE
(6).-Number and Tonnage of Sailing and Sleam Vessels, distinquishing thair Nalionality, which entered

Province of Sind, in the official year 1801-82,


154
-continued.
and clearad in Ballast from and to Foreign Countries at Ports in the Presidency of Bombay and in the compared with the totale of the year 1890-91-concladed.

| Sarna Crat. |  |  |  | Ousp Toral, 189192. |  |  |  | GEvic Townt, 1800.01. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| goturod. |  | clearod. |  | Entored. |  | Cloered. |  | Enterod. |  | CGoarce. |  |
| Vosouls. | Tonk | Veasele. | Tons. | Veamels. | Tons, | Veascle. | Tons, | Vessols. | Tons, | Vessels. | Tons. |
|  | *' | ... | -.. | 5 | 8,114 | 15 | 25,687 | 4 | 5,837 | 10 | 16,104 |
| ... | ... | ... | ... | 8 | 8,020 | ... | $\cdots$ | 1 | 1,618 | ... | ... |
| ... | ** | 1 | 99 | 1 | 87 | 8 | 1,123 | $\cdots$ | $\cdots$ | -.. | ... |
| -. | ... | - | ... | ... | ..* | $\cdots$ | ... | -** | -.. | $\cdots$ | ** |
| -.. | ... | $\cdots$ | ... | $\cdots$ | ... | ... | ... | .-. | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | ... | ... | $\cdots$ | ... - | . |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ** | $\cdots$ | $\cdots$ | - | $\cdots$ | ... | ... | $\cdots$ |
| $\cdots$ | ** | ** | -. | -. | -** | ... | ... | ... | ... | $\cdots$ | -** |
| ... | $\cdots$ | ... | "' | $\cdots$ | ". | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ |
| - | $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ | ... | ... | $\ldots$ | $\ldots$ | $\cdots$ | ... | ... |
| ... | ... | ... | - | ... | ** | ... | ... | . ${ }^{\circ}$ | ** | *- | ... |
|  | ... |  |  | ... | ... |  |  | ... | -* | 2 | 4,076 |
| ... | ... | $\cdots$ | ... | $\cdots$ | ..* | 1 | 1,504 | - | :.• | 1 | 1,739 |
| -.. | ... | ... | -." | ... | ... | ... | ... | ... | ... | $\cdots$ | ... |
| ** | ... | ... | ... | .-* | ..- | -. | $\cdots$ | ** | -.. | ** | ... |
| ... | ... | ... | -.. | ... | . | ... | ... | \%... | ..• | $\cdots$ | $\cdots$ |
| $\because$ | ${ }^{-125}$ | ${ }^{\cdots} 2$ | ${ }^{-7} 228$ | $\cdots{ }^{*} 1$ | ${ }^{-1} 125$ | $\cdots$ | -.. 228 | $\cdots$ | -.. | ... | $\ldots$ |
|  | ... | ... | - ... | ** | ... | ... | ... | ... | - | $\cdots \cdot$ | ** |
|  | $\cdots$ |  | $\cdots$ |  | $\cdots$ | ... | $\cdots$ | … | $\cdots$ | $\cdots$ | ... |
| -.. | $\cdots$ | $\cdots{ }_{1}$ | $\cdots 44$ | $\cdots{ }_{1}$ |  | $\cdots 1$ | $\cdots 44$ |  | $\ldots$ |  | ${ }^{*} 146$ |
| $\cdots 3$ | ${ }^{*} 110$ | ${ }_{0}^{1}$ | $430$ | $\begin{aligned} & 1 \\ & 9 \end{aligned}$ | $364$ | 18 | 825 | $\cdots$ | ${ }^{* 0} 269$ | 10 | 320 |
|  | ... | ... | ... | ** |  | 3 | 4,983 | ... | ..' | 3 | 4,884 |
| ... | ... | ... | ... | -." | ... | 2 | 2,437 | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | $\cdots$ | *'73 | $\cdots$ | $\cdots$ | $\cdots 3$ | $\cdots{ }^{-} 180$ | ${ }^{\cdots} \cdot 3$ | ${ }^{*} 306$ | $\cdots{ }_{4}$ | ${ }^{\prime} 241$ |
| ... | ... |  | 73 | *- | ** | $\cdot 3$ |  |  |  |  |  |
| ... | ... | ... | ... | ... | ... | ... | ... | $\cdots$. | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | *.. | ... | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ${ }^{* *} 1$ | $\cdots 574$ |
| *** | ** | ... | ** | $\cdots$ | - | ... | ... | $\cdots$ | $\cdots$ |  |  |
| - | $\cdots$ | ... | ... | - | ... | ... | .** | .. | ... | .. | ... |
|  | $\cdots$ | $\cdots$ | $\cdots$ | 1 | 1,775 | *. | *.. . | $\cdots$ | $\cdots$ | 1 | 1,490 |
| ... | ... | ... | ... | $\cdots$ | ... | ... | ... | *- | ... | $\cdots$ | … |
| ... | ** | -• | $\cdots$ | $\cdots$ | $\cdots$ | ... | ** | $\cdots$ | ... | ... | ... |
| $\cdots$ | ** | *- | - $\cdot$ | $\cdots$ | ** | ... | -. | -.. | $\cdots$ | - | ..* |
| $\cdots$ | -* | $\cdots$ | ... | ... | ** | $\cdots$ | ..* | $\cdots$ | $\cdots$ | $\cdots$ | :.. |
| ... | ... | $\cdots$ | ... | $\cdots$ | ... | ... | $\cdots{ }^{\prime \prime}$ | $\cdots$ | ...* | $\cdots$ | $\because$ |
| -.. | $\cdots$ | ** | ... | *- | ..* | ... | ... | ... | ** | $\cdots$ | $\cdots$ |
| $\cdots$ | ... | -* | ... | ** | ... | $\cdots$ | -.. | $\cdots$ | $\cdots$ | $\cdots$ | ** |
| ... | ... | ... | *- | ... | - | ... | ... | $\cdots$ | ** | $\cdots$ | $\cdots$ |
| ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | .- | - | $\cdots$ | ... | $\cdots$ |
| -.. | - | ... | $\cdots$ | - | - | . ${ }^{\prime}$ | $\cdots$ | $\cdots$ | ... | ... |  |
|  |  |  |  | 20 | 31,669 | 3 | 4,801 |  | 15,389 | 6 |  |
| $\cdots$ | -.. | ... | ... | 21 | 39,459 | $\cdots$ | ... | 24 | 40,414 | I | 1,405 |
| $\cdots$ | $\ldots$ | $\cdots{ }_{4}$ | $\cdots 312$ | $\ldots$ | ... | ${ }^{*} 13$ | 1,045 | $\ldots{ }^{3}$ |  | $\cdots 7$ | ${ }^{-} 582$ |
| ... | ... | $\cdots$ |  |  | 245,489 |  | 35,471 | -. | $\cdots$ | $\cdots$ | $\cdots$ |
| ... |  | ... ${ }_{5}$ |  | $\begin{array}{r}94 \\ 3 \\ \hline\end{array}$ | 166,240 | 3 6 | 3,941 1,520 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| 1 | 259 |  | $\begin{array}{r} 496 \\ 1,860 \end{array}$ | 10 | 013 | 49 | 8,196 | ... | $\cdots$ | $\cdots$ | ... |
|  |  |  | . |  | ... | ... | ... | 19 | 29,748 | 25 | 39,606 |
| ... | ... | ... |  | ... | ... | ... | ... | 26 | 43,289 | 2 | 3,144 |
| ... |  | 4 | 146 | ... | ... | ... |  |  | 279 | ${ }_{5}^{5}$ | 1720 |
| 6 | 533 | 16 | 888 | ... |  | ... |  | 15 | 1,060 | 23 | 1,292 |

(G).-Number and Tonnago of Sailing and Steam Vessels, distin?̣uinhing their Nationality, in the official year 1501-92, compared


## -continued.

which entered and cloared from and to Roreign Oountries at the Port of Aden with the totals of the year 1890-91.

| Frami. |  |  |  | Incmer. |  |  |  | amar. |  |  |  | Ame |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rntaned. |  | Creara |  | Sneara |  | Clearm |  | Bntori |  | Cleare |  | Entaroi |  | clearsed |  |
| Ver. ele. | Tons. | Ves-: sels. | Tona | $\nabla$ an. sols. | Tonn. | Ver ele. | Tons. | Ves. selis. | Tones. | $V_{\text {cts }}$ | Tons. | Vessels. | Tons. | Ves. self. | Tons. |
| ... | ... | $\cdots$ | ... | $\cdots$ | ... | 1 | 1,759 | $\ldots$ | ... | 1 | 611 | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| $\cdots$ | :.. | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | ... |
| .$_{54}$ | $\underset{1208,714}{ }$ | $\cdots$ | 132,006 | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | ... | $\cdots$ | $\cdots$ | ... | $\ldots$ | $\ldots$ | $\ldots$ |
| ... | $\cdots$ | ... | ... | $\ldots$ | $\ldots$ | ... | ... | ... | ... | . |  | $\cdots$ | ... | ... | … |
| ... | ... | ... | ... | ... | ... | $\ldots$ | ... | 42 | 06,494 | 47 | 100,509 | $\cdots$ | $\cdots$ | $\because$ | ... |
| $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\ldots$ | … | ... | ... | $\cdots$ | 3,968 | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ |
| ... | ... | $\cdots$ | ... | ${ }^{\text {is }}$ | 45,561 | -19 | 46.630 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | :.. | ... | $\cdots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | .. | ... | , |  | 4,3 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
|  |  |  |  |  |  |  |  |  | $\cdots$ |  |  |  |  | $\cdots$ | ... |
| $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\because$ | $\cdots$ | $\cdots$ | … | $\cdots$ | 7. ${ }^{6}$ | $\cdots$ | … | $\cdots$ | $\ldots$ | $\cdots$ | 04 |
| ${ }^{\text {... }}$ |  | $\ldots$ | 6,777 <br> .. | ${ }_{\text {.. }}$ | 29,822 $\cdots$ | ... 4 | 29,022 ... | $\ldots$ | $\stackrel{15,060}{ }$ | ${ }_{4}^{12}$ | 18,165 <br> .1 | $\ldots$ | ${ }^{904}$ | ... ${ }^{1}$ | $\stackrel{904}{ }$ |
| $\cdots$ | ... | 1 | 1,645 | $\ldots$ | ... | 2 | 4,436 | $\cdots$ | ... | 8 | 3,835 | $\cdots$ | $\ldots$ | ... | ... |
| $\cdots{ }_{8}$ | 107664 | 10 | 20,287 | $\ldots$ | $\cdots$ | $\cdots$ | … | … | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ |
| ... | - | ... | $\ldots$ | $\ldots$ | ... | ... | ... | $\ldots$ | ... | ... | $\ldots$ | $\ldots$ | ... | ... | $\ldots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | … | $\cdots$ | $\cdots$ |
| $\cdots$ | ... | ... | ... | $\cdots$ | -- | ... | ... | ... | ... | ... | ... | ... | $\ldots$ | ... | .-. |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | ... | $\ldots$ | ... | $\cdots$ | $\dddot{7213}^{1}$ | $\ldots$ | $\ldots$ | $\cdots$ | 1.808 | $\cdots$ | 1.80 |
| $\cdots$ | ...' | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | ... | $\cdots$ | ... | ... |
| $\cdots$ | ... | 1 | 2,479 |  | ... | ... | $\ldots$ | 1 | 1,450 | 1 | 4,412 | ... | ... | ... | ... |
| $\cdots$ | 12,287 | $\cdots$ | 13,209 | $\ldots$ | $\cdots$ | $\cdots$ | ... | * | 7,705 | $\because 10$ | 9,854 | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ |
| "is | $4{ }_{4}$ | $\cdots$ | $\dddot{7} 115$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | 32,862 | $\cdots$ | $\because$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ |
| ... | $\cdots$ | ... | ... | ... | ... | ... | ... | ... | .. | ... | $\cdots$ | $\cdots$ | $\ldots$ | ... | ... |
| $\cdots 3$ | $\dddot{7 ̈, ~}_{617}$ | is | 12.304 | ... | ... | ... | ... | 2 | 2,043 | $\ldots$ | $\ldots$ | $\cdots$ | ... | ... | $\cdots$ |
|  |  |  |  |  | $\cdots$ | $\cdots$ | $\ldots$ |  |  | $\cdots$ | $\ldots$ | $\cdots$ |  | $\cdots$ |  |
| $\ldots$ | $\cdots$ | $\ldots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\ldots$ | $\ldots$ | $\ldots$ |
| ... | $\cdots$ | … | ... | $\cdots$ | … | $\ldots$ | $\ldots$ | $\ldots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ |
| $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | .. | $\ldots$ | ... | ... | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | $\cdots$ | $\cdots$ | ... | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | ... | $\cdots$ | ... | $\cdots$ | $\ldots$ | … | $\cdots$ |
| ... | ... | ... | ... | $\ldots$ | ... | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | ... | ... | ... | ... | $\cdots$ |
| $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ |
| $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ | $\cdots$ | 391 | $\cdots$ | 17,698 | $\cdots{ }_{1}$ | 1,213 | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ |
| $\ldots$ | $\ldots$ | $\cdots$ | … | $\ldots$ | $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ |
|  | ... |  |  | ... | ... | ... | $\ldots$ |  |  |  |  | ... | $\therefore$ | ... |  |
| 13 | 35,185 | 11 | 30,630 | ... | ... | ... | ... | 13 | 33,594 | 13 | 29,712 | $\ldots$ | $\ldots$ | ... | ... |
| $\cdots 2$ | $\boxed{4,836}$ | $\cdots 1$ | $\dddot{2,749}$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | 4.778 | 3 | 4,487 | ... | $\cdots$ | $\cdots$ | $\cdots$ |
| ... | ... | ... | ... | ... | ... | ... | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | ... | $\cdots$ | ... | $\cdots$ |
| 106 | 288,454 | 110 | 261,214 | 67 | 75,383 | 70 | 82,238 | 88 | 197,392 | 95 | 209,390 | 3 | 2,712 | 3 | 2,712 |
| ... | ... | ... | ... | ... | ... | $\cdots$ | $\cdots$ | ... | ... | ... | ... | ... | ... | $\cdots$ | ... |
| 110 | 233,067 | 111 | 254,243 |  | 72,242 | 68 | 69,394 | 81 | 172,620 | 89 | 185,600 | 3 | 2,712 | 3 | 2,712 |
| ... | ... | $\cdots$ | -* | ... | ... | $\ldots$ | ... | ... | ... | ... | ... | ... | ... | ... | ..' |
| 741-40 |  |  |  |  |  |  |  |  |  |  |  |  |  | 157 |  |

(6).-Number and Tonnage of Sailing and Stcam Vessels, diatinguishing their Nationality, $\begin{array}{r}\text { in the offioial year 1891-02, compared }\end{array}$

-continued.
which entered and cleared from and to Foreign Countries at the Port of Aden with the totals of the yeat 1890-91-concluded.

| Mative Crame |  |  |  | Ourd Torns, 1801-92. |  |  |  | GI $1 \times 5 \mathrm{~T}$ TOTLL, 1890-92. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Entered. |  | cleared. |  | Entered. |  | cleared. |  | Entered. |  | Clearsed. |  |
| _ Veanols | Tone | Vemela. | Tons. | Veasels. | Ton. | Vessals. | Tons - | Vestels. | Tous, | Yeasels. | Tans. |
| $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | 216 | 472,638 | 312 | 631,585 | 232 | 464,380 | 200 | 596,393 |
| .... | ... | $\cdots$ | $\ldots$ | $\cdots$ | 50,182 | $\cdots{ }^{*} 28$ | -66,021 | ${ }^{*} 23$ | $\cdots$ | $\cdots 29$ | 58,450 |
| $\ldots$ | $\ldots$ | ... | ... | ${ }^{-\cdot} 56$ | 1317,166 | 717 | 228,607 | ${ }^{-.}{ }_{55}$ | $17 \%$ | $\cdots$ | 183,571 |
| ... | ... | ... | -.. | -.. |  | $\cdots$ | , | ... | ...* | $\cdots$ |  |
| ... | ... | $\cdots$ | $\cdots$ |  | 97,806 | 52 | 114,669 | 35 | 75,662 | . 44 | 95,543 |
| $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots 10$ | 14,500 | ${ }^{-1} 31$ | -65,129 | ${ }^{\cdots} 27$ | $\cdots 34,5 \overline{0} 7$ | $\cdots 38$ | 64,109 |
| $\ldots$ | ... | $\therefore$ | $\cdots$ | $\because 32$ | . 63,752 | $\cdots$ | -65,024 | .. ${ }^{-1} 18$ | - .....44,809 | $\cdots 23$ | 50,646 |
| $\ldots$ | ... | $\cdots$ | ... |  | ... | ... | ... | 10 | ......* | 23 | E,010 |
| ... | ... | ... | ... |  | 2,788 | 1 | 1,091 | 1 | 611 | 3 | 5,283 |
| ... | ... | ... | .i. | $\cdots$ | 8,630 | 1 | 2,788 | 5 | -. 8,240 | . 8 | 12,88B |
| ... | ... | $\cdots$ | ... | 7 | 17,128 | 12 | 28,199 | $\cdots \quad 11$ | 22,179 | 15 | 31,661 |
| $\ldots$ | ... | $\ldots$ | $\ldots$ | :190 | 110,254 | 196 | 116,296 | ${ }^{-7} 162$ | - -14.949 | ${ }^{-7} 166$ | 84,558 |
| 731 | 21,160 | 778 | 24,588 | $\cdots 731$ | 21,150 | .. 778 | 24,588 | $\begin{cases}, & 847\end{cases}$ | 109 24,531 | ) 880 | 25,521 |
| ... | $\cdots$ | $\cdots$ | $\cdots$ | 34 | 31,825 | 128 | 170,079 | … 35 | 25,689 | : . 108 | 143,579 |
| $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | ${ }^{\text {:. }} 9$ |  | ${ }^{-1} 1$ |  | $\cdots{ }^{.} . . .9$ |  | - ... 10 |  |
| $\ldots$ | $\cdots$ | ... | ... | .$^{9}$ | 17,116 | ... | ${ }^{21, .579}$ | ... .9 | 16,976 | 10 | 17,498 |
| ... | ... | ... | ... | $\cdots 1$ | $\cdots 7,293$ | $\ldots$ | ... | $\cdots{ }^{\cdots} 3$ | $\cdots \quad$. ${ }^{4,554}$ | ... | ... |
| $\ldots$ | $\ldots$ | $\cdots$ | . | $\cdots$ | $\cdots$ | $\cdots$ |  | ... | ...... | $\cdots{ }^{\text {- }} 15$ |  |
| $\cdots$ | ... | -0. | ... | $\cdots$ | ... | 7 | 10,547 | ... | ........... |  | 22,331 |
| $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | ${ }^{.1} 9$ | 16,745 | $\cdots 10$ | -15,316 | ${ }^{\cdots} 8$ | $\cdots$ | ${ }^{-} 8$ | 12,017 |
| ... | ... | ... | ... | 108 | -65,907 | $\cdots$ | 60,111 | $\cdots{ }^{75}$ | $\cdots 77305$ | ${ }^{*} 78$ | 60.518 |
| 436 | 14,941 | 447 | 17,725 | 436 | 14,941 | 447 | 17,725 | 489 | $\cdots$ - 21,039 | $\left\{\begin{array}{r}1 \\ 416\end{array}\right.$ | 1,582 19,047 |
| $\ldots$ |  |  | ... | 10 | 18,820 | 9 | 17,812 | 4 | . 7,958 | 14 | 17,741 |
| $\ldots$ | $\ldots$ | $\ldots$ | ... | ${ }^{-10}$ | 23,125 | $\cdots 25$ | 100,559 | -.. .5 | -1..910 | $\cdots$ | 40,955 |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | 23,125 | ... 25 | 60,559 | ... 5 | $\begin{array}{r}8,910 \\ \hdashline . .\end{array}$ | ... 19 | 40,955 $\ldots$ |
| $\cdots$ | ... | $\cdots$ | $\cdots$ | 37 | 92,349 | ${ }^{\cdots} 8$ | $\stackrel{70,253}{ }$ | ${ }^{\cdots} 37$ | 91,451 | $\cdots$ | 32,515 |
| ... | ... | $\cdots$ | ... | ... | ... | ... | ... | $\cdots$ | ..... | -. | ... |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 42 .11 | 64,124 20,481 | 13 23 | 18,952 53,838 | 39 | 61,729 $\mathbf{9 1} 780$ | 32 20 | 40,716 45989 |
| ... | ... | ... | ... | . 11 | 20,481 | 23 | 53,838 | 10 | 21,780 | 20. | 45,599 |
| $\cdots$ | ... | ... | ..* | 1 | 1,091 | $\cdots$ | ... | ... | ..... | 1 | - 1,20S |
| .... | $\cdots$ | $\cdots$ | $\cdots$ |  | 87,371 | $\cdots$ |  |  |  |  |  |
| $\cdots 81$ | 10,064 | $\cdots$ | 1,477 | $\begin{array}{r}\square \\ \cdots \\ \hline 18\end{array}$ | 10,054 <br> 10 | 14 17 | 18,578 1,477 | $\ldots{ }^{-1}$ | 27,311 | .$^{. . .8}$ | . 10,199 |
| $\cdots{ }^{*}$ |  | $\cdots$ |  | - 15 | 30,844 | 7 | 9,666 | $\cdots 8$ | 10,249 |  | \%,339 |
| 5 | 650 | . 30 | -4,292 |  | 650 | so | 4,292 |  | 1,180 |  | 2,019 |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  | 1,107 | ... | $\cdots$ |  | 11,186 | $\cdots$ | , |
| $\ldots$ | $\ldots$ | $\cdots$ | $\ldots$ |  |  |  |  |  |  | $\cdots$ |  |
| $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | 15 | 24,373 | 9 | 11,763 | 10 | 17,660 | 7 | 9,156 |
| $\ldots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots 21$ | 42,351 | ${ }^{*} 13$ | -29,689 | $\cdots 21$ | -70,720 | . ${ }^{\cdots} 13$ | $2 \mathrm{8}, 230$ |
| $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  |  |  |  |  |  | $\cdots$ |  |
| ... | $\cdots$ | ... | ... | 91 | 231,301 | 68 | 182,500 | 90 | 222,008 | .. 67 | 176,307 |
| ... |  | $\cdots$ |  | ${ }^{-9} 67$ | 65,209 | ${ }^{-.} 69$ | 76,201 | $\cdots 18$ | $\cdots 14,515$ | $\cdots{ }^{*} \cdot{ }^{13}$ | 12,496 |
| 81 | 1,142 | 62 | ${ }^{-9} 9$ | 81 | 1,142 | 62 | 944 | 73 | 1,075 | 65 | 920 |
| 26 | 379 | $\cdots$ | . - | $\left\{\begin{array}{r}7 \\ +6\end{array}\right.$ | 4,768 379 | \} 12 | 8,576 | \| $\begin{array}{r}1 \\ 20\end{array}$ | 832 343 | $\} 8$ | 8,579 |
| ... | ... | $\cdots$ | ... | 1,093 | 1,724,124 | 1,309 | 2,076,028 | ** | ...... | -.. | $\cdots$ |
| 1,360 | 48,326 | 1,994 | 49,028 | 1,360 | 48,326 | 1,334 | 49,020 | ... | .... | $\cdots$ | ... |
| ... | ... | $\cdots$ | $\ldots$ | $\cdots$ | ... | $\cdots$ | *- | 979 | 1,566,598 | 1,158 | 1,868,115 |
| 1,377 | 48,177 | 1,370 | 47,507 | $\cdots$ | ... | .-. | ... | $\left\{\begin{array}{r}1,37 \\ \hline\end{array}\right.$ | $\begin{array}{r} 108 \\ \\ \quad 48,170 \end{array}$ | 1,370 1 | $\begin{array}{r} 47,507 \\ 1,582 \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |

(7).-Number and Tonnage of Steam and Sailing Fossels, distinguisling their Nationality, employed in the
and tho Province of Sind, in the official ycar 1831-3?,

-continued.
Interporlal trade, which entered and cleared with cargoes and in ballast, in the Presidency of Bombay compared with the totals of the year 1800-91.

D.-TRADE-continued.
(7).-Number and Tonnage of Steam and Sailing Vessels, distingnishing their Wationality, which entered and cleared from and to the Ports in British India and Burma at the Port of Aden, in the official year 1891-92, compared with the totals of the year 1890-91.

| Porta | Bxatres. |  |  |  | Baman Itodux. |  |  |  | Younion. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | arod |  | ared |  | Entered. |  | oarsod |  | Enteres. |  | Ioard. |  |
|  |  | Tons. | Pencols | Ton. | ols. | Torn, | male | Ton | Pemoln | Tons. | Vasmela. | Tena. |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |


| P Porta.. | Mative Cant. |  |  |  | Total, 1801.09. |  |  |  | Totaz, 1800.91. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fitored. |  | Cloared. |  | Enturod. |  | Cloared. |  | Entorod, |  | Cleared. |  |
|  | Tosels. | Tons. | Venocia. | Toun. | Vectels. | Tons, | Venotrs. | Tons. | Yenela, | Tons. | Vemole. | Tose. |
| . Witil Caboers, |  |  |  |  |  |  |  |  |  |  |  |  |
| From or to- |  |  |  |  |  |  |  |  |  |  |  |  |
| Bangal ... ... ... $\left\{\begin{array}{l}\text { 8tcam ... } \\ \text { Sailing }\end{array}\right.$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 120 | 259,291 | 75 | 172,053 | 110 | 232,822 | 74 | 158,300 |
|  | $\ldots$ | $\cdots$ | $\ldots$ | ... | 83 | 64,658 | 18 | 28,422 | $\stackrel{1}{26}$ | [1,0N2 | is |  |
| Eind ... ..... $\left\lvert\, \begin{aligned} & \text { Skamiling.... }\end{aligned}\right.$ | … | ... | $\cdots$ | ... | 8 | 64,058 | 18 | 28,422 | $\stackrel{1}{1}$ |  | 18 | 27,371 |
| Bombay ... ... ... ${ }^{\text {Stram ... }}$ | ... | ... | . | ... | 207 | 303,480 | 160 | 801,607 | 104 | 336,017 | i61 | 288,427 |
| Bombay ... $\cdots$... ${ }^{\text {S }}$ Sailing ... | ... | ... | 7 | 767 | ... | ... | 7 | 767 | -3 | 437 | $\left\{\begin{array}{l}-1 \\ +8\end{array}\right.$ | 108 745 |
| Madrap ... ... .. $\left\{\begin{array}{l}\text { Steam ...: }\end{array}\right.$ | $\cdots$ | $\ldots$ | $\cdots$ | ... | 39 | 60,835 | 2 | 2,019, | 32 | 47,258 | 4 | 6,732 |
| Madre ... ${ }^{\text {a }}$... Sailing... | $\cdots$ | ... | $\cdots$ | $\ldots$ |  |  |  |  |  |  |  |  |
| Britimh Barma ... ... $\left\{\begin{array}{l}\text { Steam ... } \\ \text { Siling... }\end{array}\right.$ |  | $\ldots$ | ...0 | ... | 77 | 117,228 | 2 | 3,128 | 90 | 130,410 | 6 | 8,110 |
| Total, British Ports in ${ }^{\text {Steam }}$.... |  | $\cdots$ | $\ldots$ | ... | 3 | $\dddot{3,606}$ | $\cdots 1$ | $\dddot{1,261}$ | $\cdots$ | $\cdots$ | $\cdots$ | .... |
| other Presidencies ... $\{$ Eailing... | 7 | 988 | $\ldots$ | - | $\cdots$ | ... | ... | 1,261 | +4 | 405 | ... | ... |
|  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... |
| Indino Porta not Britinh \% Steam ... | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | ... | $\cdots$ | .... | $\ldots$ | $\cdots$ | $\cdots$ | ... |
| Indinn Porte not Britinh. \{ Sailing.... | $\ldots$ | ... | 2 | 184 | $\ldots$ | .... | $\cdots$ | " 184 | $\dddot{7}$ | 150 | $\square_{8}$ | -."207 |
| Rotarned fromsen ... $\left\{\begin{array}{l}\text { stoan } \\ \text { Sailin }\end{array}\right.$ | $\ldots$ | $\cdots$ | $\cdots$ | ... | ... | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | ..* | ... |
|  | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | " | ... | ... | ... | $\cdots$ | ... |
| Total, 1891.92 $\ldots$... $\left\{\begin{array}{l}\text { Steam ... } \\ \text { Sailing... }\end{array}\right.$ | $\cdots 7$ | 938 | $\cdots$ | 951 | 479 7 | $\begin{gathered} 868,007 \\ 088 \end{gathered}$ | 264 9 | 500,8880 935 | $\ldots$ | $\cdots$ | .... | $\cdots$ |
| Total, 1800.91 ... $\left\{\begin{array}{l}\text { Stoam ... }\end{array}\right.$ |  | - | $\ldots$ | ** | $\cdots$ | $\cdots$ | $\ldots$ | .. | 453 | 800,352 | 263 | 488,039 |
| Total, $1800.92 . . .\left\{\begin{array}{r}\text { sailing... }\end{array}\right.$ | +9 | 1,244 |  |  |  |  |  |  | - 1 | 1,682 | $\bullet 1$ | 108 |
| . ${ }^{\text {a }}$, |  |  |  | 962 | ... | ... | $\cdots$ | ." | + 0 | 1,244 | +9 | 952 |

D.-'TRADE-continued.
(8).-Return showing the quantity of Cotton exported from India during the ycar 1S91.92.

| Mostma. | Einglomm | Austric. | Bolatum. | Franes. | Gernasy. | Italy. | Rumin. | Spale. | Chisan | $\begin{aligned} & \text { Other } \\ & \text { Coulrim. } \end{aligned}$ | Japan. | total |  |  |  | $\underset{\substack{\text { GRAKD } \\ \text { TOTLL. }}}{\text { coin }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  | Froz bomay pumidect. |  |  | $\left\lvert\, \begin{array}{\|l\|l\|} \hline \text { Prom other } \\ \text { Purta } \end{array}\right.$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  | From Bombay. | From Snbordl. nato i'ortas. | Total. |  |  |
|  | Cwt. | Cwt. | Cwt. | Cwt. | Cwt. | Cwt. | Cwt. | Cwt. | Crt. | Cwt | $\mathrm{Cw}_{6}$. | Cwt. | Cwt. | Cwt. | Cwt, | Cwt. |
| April 1691 ... | 105,185 | 112,958 | 141,835 | 129,511 | 217,024 | 97,185 | 4,865 | 0,403 | 13,553 | 7,606 | 15,284 | 779,818 | ... | 779,818 | 75,191 | 855,009 |
| May ." ... | 86,100 | 141,655 | 180,011 | 82,576 | 118,367 | 117,823 | 2,945 | 11,003 | 10,499 | 8,493 | 30,968 | 728, 028 | ....." . | 728,028 | 72,981 | 801,009 |
| Jane \% ... ... | 120,105 | 62,503 | 75,587 | 21,079 | 04,484 | 68,376 | 4,737 | 11,060 | 14,172 | 1,374 | 46,648 | 351,811 | .... | 351,811 | 120,214 | 472,026 |
| July \# ... ... | 86,408 | 11,599 | 23,044 | 8,756 | 36,752 | 27,899 | ... | 8,131 | 14,282 | 2,093 | 39,180 | 111,600 | ..... | 111,690 | 146,54* | 258,234 |
| Augute " ... ... | 60,008 | 6,431 | 17,193 | 22,258 | 10,405 | 0,149 | 900 | 2,034 | 3,728 | 827 | 17.399 | 51,537 | ..... | 61,837 | 108,545 | 160,382 |
| Eeptemior ", ... | 44,682 | 15,381 | 23,091 | 18,281 | 24,423 | 0,415 | 720 | 6,454 | 1,873 | 2,149 | 44,297 | 110,468 | $\cdots$ | 110,468 | 80,898 | 191,360 |
| Ootober ", .. | 33,571 | 12,820 | 25,731 | 13,002 | 15,643 | 23,381 | 090 | 675 | $\cdots$ | 889 | 69,895 | 121,867 | ....." | 121,567 | 65,630 | 187,497 |
| November ", ... ... | 24,557 | 4,556 | 4,423 | 12,058 | 0,970 | 15,232 | ** | 1,793 | 367 | - 872 | 669 | 31,759 | *.... | $\because 31,759$ | 42,747 | 74,606 |
| Docomber , ... | 25,009 | 8,142 | 5,882 | 6,881 | 0,409 | 22,673 | 385 | 4,618 | 549 | $\because \quad 760$ | 11,139 | 68,171 | $\cdots$ | 60,171 | 30,208 | 96,377 |
| Jaduary 1802 ... | 20,377 | 43,823 | 25,722 | 25,575 | 34,804 | 40,910 | 3,920 | 1,012 | 5,713 | 1,702 | 17,244 | 208,705 | '....' | 208,705 | 21,160 | 220,871 |
| Febraary ", ... . ... | 36,208 | 53,700 | 50,783 | 44,642 | 75,588 | 67,900 | 15,855 | 1,150 | 10,419 | 1,498 | 43,841 | 349,525 | ..... | 349,525 | 61,150 | 410,075 |
| March ${ }^{\prime}$ " | 65,880 | 84,430 | 86,501 | 122,338 | 118,053 | 87,732 | 17,264 | 2,450 | 26,052 | 2,943 | 74,388 | 632,375 | ..... | 632,375 | 65,656 | 688,031 |
| Total ... | 710,284 | 648,004 | 670,003 | 508,697 | 744,081 | 687,084 | 62,581 | 60,683 | 110,201 | 31,212 | 400,052 | 3,544,054 | .." | 3,544,054 | 880,828 | 4,424,082 |


E.-POSTAL.

Abstract statement of articles received for delivery and relurned undelivered by the District
Post Village Postmen in 1891-92.

| Names of Dintricta. | Artcites went eat tor dellivers. | Articlea retarned undelivared. | Protomion roil 1807.88. |  | Plopornion for 188902. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Dalirmod. | Eodelivered. | Dolisered. | Undelireroch |
| Abmodi ${ }^{\text {a }}$ | 60,978 | 8.750 | -94.65 | $5 \cdot 35$ | 96.5 | 3.95 |
| Alimednafar ... ... ... | 65,686 | 2,712 | 95-13 | 4.87 | 94:83 | $5 \cdot 17$ |
| Belgaum... ... ... ... | 71,772 | 3,354 | $85 \cdot 33$ | 4.67 | $95-98{ }^{\circ}$ | 4.2. |
| Bijápur ... ... ... | 89,538 | 2,892 | 96.78 | $3 \cdot 22$ | 96.8 | 32 |
| Brach ... | 57,774 | 3,150 | 94.55 | $5 \cdot 45$ | 94.57 | $5 \cdot 43$ |
| Dhárwar... ... ... | 77,586 | 3,036 | 96.09 | $3 \cdot 91$ | 95.78 | $4 \cdot 22$ |
| Kaira and Rewa Kántha | 75,450 | 5,238 | 83.06 | 6.94 | 94.49 | $5 \cdot 58$ |
| KGnars ... | 69,688 | 3,198 | 9465 | 5.35 | 94-97 | 5-3 |
| Káthiáwár ... ... | 59,154 | 1,524 | 97-43 | 2:57 | $97 \cdot 3$ | $2 \cdot 7$ |
| Khindesh ... ... | 1,57,738 | 6,660 | 95-78 | 4-28 | 96.4 | 3:6 |
| Kolhbs ... ... ... | 41,400 | 2,088 | 94.96 | 504 | $95 \cdot 71$ | 4.29 |
| Kolhápur ... ... | 39,744 | 1,590 | $96^{\circ} 0$ | 40 | 96.46 | 3.54 |
| Násik ... ... ... | 75,276 | 3,900 | 94.82 | $5 \cdot 18$ | $95-77$ | $4 \cdot 23$ |
| Poons ... .. | 96,642 | 8,978 | $95 \cdot 89$ | 411 | 95-55 | $4 \cdot 45$ |
| Hatuagiri ... | 1,38,564 | 8,342 | 97:59 | $2 \cdot 41$ | 97.95 | 2.5 |
| Sátíre ... ... | 48,978 | 1,698 | 96.54 | 3•46 | 96.31 | 3.69 |
| Sholápar... ... ... | 62,172 | 3,366 | 94-59 | $5 \cdot 41$ | 93-7 | 6.3. |
| Surat ... ... | 48,924 | 1,896 | $96 \cdot 13$ | $3 \cdot 87$ | $96 \cdot 44$ | 8.56 |
| Tháne ... | 75,852 | 6,352 | 92-95 | - 705 | 93.77 | $6 \cdot 23$ |
| Total ... | 14,01,916 | 62,724 | 95-53 | 4.47 | 95.86 | $4 \cdot 14$ |
| Honey Orders ... ... ... | 21,018 | 936 | 95.68 | 4.38 | 96.92 | 38 |
| Registared Articles ${ }^{\text {- }}$... | 22,080 | 5,808 | 787 | 26.3 | 76-29 | 23.71 |
| Letters ... ... | 10,99,902 | 25,386 | 977 | $2 \cdot 3$ | 9786 | 2-14 |
| Paid ... Packeta $^{\text {... }}$... | 57,856 | 954 | 88.36 | 164 | 98.52 | 1-48 |
| (Parcela ... | 3,756 | 324 | 91.38 | $8 \cdot 62$ | 89.82 | 10.18 |
| 6 Lotters. | 1,94,940 | 29,022 | $85 \cdot 12$ | 14.88 | - 87.39 | $12 \cdot 61$ |
| Linpaid ...\{ Packets ... ... | 823 | 174 | 78.99 | 21.01 | 92-21 | 779 |
| (Parcels ... ... | 876 | 120 | 86.81 | 18.69 | 78.9 | 21-91 |
| Total ... | 14,01,916 | 62,794 | $95 \times 53$ | 4.47 | $95 \cdot 88$ | . $4 \cdot 14$ | the Revenuc derived therefrom, the Working Expenses and the Interest on the debt incurred in respect of these works for, and to end of, 1S01-9\%.



Adminigtrative Accomets
(2).-Goneral abstract of financial results showing the estimnted cost of construction of Ordinary
in respect of those works for,



## DEPARTMENT-continued.

for the fear 1891-92.
Irrigation Workn, tho Capital Oullay thereon, tho Revenue derived therefrom and the Working Eapenses and to end of, 1891-92.

| Ornar. |  | Ructura matuo 200L02. |  |  | Woactro Expxam. |  |  |  <br>  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| of 2e91-02. |  | $\begin{aligned} & \text { Waters } \\ & \text { raten, to } \end{aligned}$ | Collocterd Whith ind | Total. | Mrect chargets. | Indirect charges. | . Totenh |  | Excespexperdi-tori-(Deflitit. | Eato per ceot. |  |
| Indireet chargee. | Toush |  |  |  |  |  |  |  |  | Of excem | Of excest expendiiure. |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 27 | 18 | 29 | 20 |
| R. | Ra. | R. | Ra. | K. | R. | Re. | R. | R8 | Ra. | Rs. | Rs: |
| 59,966 | 18,98.713 | 8,113 | 1,47,238 | 1,50,850 | 42,641 | 900 | 43,541 | 1,06,809 | ... | 769 | ... |
| 25,440 | 4,40,977 | 10,219 | 5,99,622 | . 6,09,841 | 3,64,709 | 8,180 | 1,57, 1889 | 4,51,9.32 | ... | $102 \cdot 49$ | ... |
| 1,851 | 67,489 | - 161 | 24,286 | - 24,427 | 12,809 | 265 | 13,074 | 11,853 | ... | 16.73 | ... |
| 710 | $\begin{array}{r}23,917 \\ 2014 \\ \hline\end{array}$ | \% 780 | 8,248 60,208 | 9,002 | 7,809 | $\cdot 177$ | 7,986 | 1,016 | .... | 4.25 | $\cdots$ |
| 7,953 6,121 | 2,01,548 | 2,802 2,123 | 60,206 27,007 | 63,008 29,130 |  | 1,034 | 47,928 24,913 | 15,080 4,217 | $\cdots$ | 7.48 3.38 | ... |
| 42,060 | 11,47,078 | 82, 314 | 4,88,353 | 4,70,607 | 24,340 247548 | 6,298 | 2,53,776 | 2,16,891- | ". | 18.91 | $\cdots$ |
| 1,44,091 | 33,94,787 | 51,485 | 18,04,940 | 13,56,425 | 5,36,780 | 12,327 | 5,49,107 | 8,07,818 | $\cdots$ | $23.78{ }^{\circ}$ | ... |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 11,891 | 1,74,495 | 7,175 |  | 7,175 | 3,726 | 147 | 8,873 | 3,302 |  | 1.89 | ... |
| 25,434 | 13,3×2 | 838 | ...... | 838 | - ${ }_{6} \mathrm{CF}_{6}$ | 43 | 8,800 | 3,138 | ... | -19 | $\ldots$ |
| 10,220 | 1,40,930 | 214 | $\ldots$ | 914 | $\cdots$ - 1,134 | ${ }_{96}$ | 1,230 | ... | 316 | $\ldots$ | $\cdots 22$ |
| 52,344 | 10,39,520 | 8,687 | ...... | 3,697 | . 15,630 | - 853 | 16,483 | ... | 12,796 |  | $1 \cdot 23$ |
| 6,734 | 2,09,332 | 1,044 | ... | 1,044 | - 787 | - 64 | 851 | 193 | ... | $\cdot 09$ | ... |
| 210.568 | 3,24, 233 | 5,632 | 76 | 6,728 | - 4,691 | 272 | 4,963 | 765 | . | -23 | ... |
| 27,029 | 3,79,707 | 4.155 | 1,351 | 5,506 | ; $\mathbf{3 , 2 9 1}$ | 156 | 3,447 | 2,059 | ... | $5 \cdot 54$ | ... |
| 12.579 | 2,00,727 | 12,0:5 | ... | 12,935 | - 2,748 | 141 | 2,889 | 10,046 | $\cdots$ | $5 \cdot 6$ | ... |
| 4,778 | 45,590 | 584 | .... | 524 | - $\quad 404$ | 21 | 425 | 99 | $\cdots$ | ${ }^{-2}$ |  |
| 11,887 | 2,0ij,008 | 8,367 8,677 | ..... | 3,267 | $\begin{array}{r}-\quad 3,712 \\ \hline\end{array}$ | 246 | 8,958 |  | . 691 |  | $\ldots 34$ |
| 14,122 1,066 | 2,27,238 | 8,677 | .... | 3,677 | 3.138 <br> 885 | 214 61 | 8,362 886 | 325 | $\cdots 318$ | $\cdot 14$ | ${ }_{-88}$ |
| 75,5:7 | 8,26,247 | 6,026 | ..... | 5,026 | 5,034 | 299 | 5,333 | $\cdots$ | 307 | -.. | - 04 |
| 2. $\times 34$ | 58,879 | 4,970 | ..... | 4.970 | . 1,878 | . 61 | 1,939 |  |  | $\stackrel{7}{6} 15$ | ... |
| 29.141 | 4,29,654 | 4,090 | ...... | 4,090 | ${ }_{5}{ }_{1} 162$ | 180 | 8,342 |  | 1,252 |  | -29 |
| 42,378 3,639 | 6,57,163 | 9.568 | ...... | 9,568 | - 6,223 | 217 | 6,440 | 3,128 | $\cdots$ | 48 | ... |
| 3,439 22.239 | 57.442 | 2,034 | ...... | 2,034 | - 767 | $\checkmark 17$ | 784 | 1,250 |  | $2 \cdot 18$ |  |
| 22,339 | $8,89,910$ $1,55.519$ | 7,349 | .... | $\begin{array}{r}7,349 \\ \hline 245\end{array}$ | 17,756 | 466 | 18,292 | $\cdots$ | 10,873 | ... | 279 .16 |
| 15,33. | 1,55.519 | ... 245 | ...... |  | 481 1 | $\ldots{ }^{14}$ | 495 1 | ... | 250 .$\quad 1$ | $\ldots$ | ${ }_{-01 .}$ |
| 364 | 9,279 | ... | i,987 | 1,987 | - 199 | $\cdots$ | 199 | 1,788 | ... | 19.27 |  |
| 3,026 | 63,873 | ${ }^{383}$ | ${ }_{668}$ | 1,051 | - 627 | . 15 | 642 | 409 |  | $\cdot 64$ |  |
| 9,795 $\mathbf{6 , 3 \% 0}$ | 81,149 1,67593 | 398 4,019 | ...... | +398 | - $\quad 604$ | ${ }^{15}$ | $\begin{array}{r}619 \\ \hline 1203\end{array}$ | $\underset{8816}{ }$ | 221 | $7_{68}$ | ${ }^{-27}$ |
| 6,3i0 1,718 | $1,61,593$ 62,459 | 4,019 185 | ${ }^{4} 42$ | 4,019 | 1,177 655 | '28 | 1.203 672 | 2,816 | ${ }^{-15}$ | 168 | $\because \cdot 02$ |
| 3,235 | 30,847 |  | 856 | 856 | 86 | ... | 86 | 770 | ... | 2.50 | ... |
| 4,00,650 | 60,63,168 | 82,678 | 5,410 | 88,088 | 81,393 | 8,641 | 85,034 | 8,054 | ... | . 05 | ... |
| 13,978 | 1,90,284 | ... | ...... | -•1... |  | .-. | -** | ... | ... | ... | :... |
| 4,14,628 | 62,53,452 | 82,678 | 5,410 | 88,038 | 81,393 | 3,641 | 85,034 | 3,054 | ... | . 05 | ... |
| 6,53,719 | 96,48,239 | 1,34,163 | 13,10,850 | 14,44,513 | 6,18,173 | 15,968 | 6,34,141 | 8,10,372 | ... | $8 \cdot 40$ | ... |
| 13,708 | 6,23,839 | 16,897 | **** | 16,897 | 6,173 | 210 | 5,383 | 11,514 | ... | 185 | ... |
| 5,72427 | 1,02,72,078 | 1,61,060 | 13,10,850 | 14,61,410. | 6,23,346 | 16,178 | 6,39,524 | 8,91,886 | ..- | $8 \cdot 00$ | ... |




## IMPERIAL

The only roads under this head are those within the limits of the several Cantonments and Military stations, which are streets, and not, properly speaking, lines of communication. The larger cantonments are now under the control of the Military Works Department, and information is not available for the purposes of this return. There are 6 miles of Imperial Military Road leading to the Purandhar Sanitarium in the Poona District.

F.-PUBLIC WORKS DEPARTMENT-continued.
(3).-Provincial Roads-coptinued.



> (3).-Provincial Roads-continued.




F.-PUBLIC WORES DEPARTMENT-continucd:
(3).-Provincial Roads-continued.



> (8).-Provincial Roads—continued.

| Exocutive chargea | Clasiication and names of roads. | Lexotu in musa. |  |  | Averagg totalcost of conatruc tion per milo. |  | Renarkg. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Completed. | In progress. | Total. |  |  |  |
| Kínara | Brought over ... $\{$ | Ms. ft. | Ms. ft . | Ms. ft . | Rs. | Rs. |  |
|  |  | 2,002 535 | 130 | 2,015 585 | ...... | ... |  |
|  |  | 2,201 5,155 | 20 2,640 | 2,222 2,515 | ...... | ... |  |
|  | III.--MURAM ROADS BRIDGED AND DRAINED THROUGHOUT-concluded. |  |  |  |  |  |  |
|  | Road from Gorsapa to Falls and Talgapa <br> Rond from Yellapur to Banképar viá Mandgod. <br> Road from Sanikatta to Hebul <br> Koney sea slope road at Kárwír .... <br> Road from junction of Adlar deviation ... <br> Balagoly to Ankola ... <br> Road from Haliyal to Sapa <br> Do. do. to Marinkop ... |  | $\cdots$ | $25 \quad 0$ | $\begin{array}{r} 2,569 \\ \text { Unknown } \ldots \\ D_{0} . . \\ 6,935 \end{array}$ | $\begin{array}{r} 5,952 \\ 3,877 \\ 1,985 \\ 528 \end{array}$ |  |
|  |  |  | ........ | $\begin{array}{rrr}18 & 0 \\ 1 & 2,844\end{array}$ |  |  | A section of 16 milcs is being motalled. |
|  |  |  |  |  |  |  | - |
|  |  | $\begin{array}{rr} 3 & 3,960 \\ 20 & 2,640 \\ 4 & 2,640 \end{array}$ | ....... | $\begin{array}{rr} 3 & 3,960 \\ 20 & 2,640 \\ 4 & 2,640 \end{array}$ | $\begin{array}{r} \text { Unknown } . . . \\ \text { Do. } 1,796 \end{array}$ | $\begin{array}{r} \mathbf{3 5 7} \\ 4,342 \\ 944 \end{array}$ |  |
|  |  |  |  |  |  |  |  |
|  | Total, Kinnara District | 102 1,524 | ...... | $102 \quad 1,524$ | ...... | ... |  |
| $\begin{gathered} \text { Ratńágiri } \\ \text { Kolába. } \end{gathered}$ |  | $\begin{array}{rr} 4 & 1,760 \\ 30 & 0 \\ 13 & 2,640 \\ 1 & 3,960 \\ 13 & 0 \end{array}$ | ....... | 4 1,760 <br> 30 0 | 7,580 | $\begin{array}{r} 620 \\ 2,095 \end{array}$ |  |
|  |  |  |  |  | 2,364 |  |  |
|  |  |  | ....... | 13 2,640 | 10,544 | 3,469 |  |
|  |  |  | ....... | ${ }_{13}^{13,960}$ | Unknown ... Do. | $\begin{array}{r} 249 \\ 3,739 \end{array}$ |  |
|  | Totn, Ratnágiri and Kolaba DistrictsTotal, Southern Division | 62 3,080 | ...... | 62 3,080 | $\ldots$ | ... |  |
|  |  | 348 1,30.6 | 7. 2,640 | 355 3,944 | ..... |  |  |








F--PUBLIC WORKS DEPARTMENT-contimued.
(4).-Statement showing the mileage, ge., and progress of LOCAL FUND ROADS maintained by the Public Works Department in tho Bombay Presidency for the year 1891-92.


## F-PPUBLIC WORKS DEPARTMENT-continued.

## (4).-Local Fund Roads-continued.



(4).-Local Fund Roads-continued.


F.-PUBLIC WORKS DEPARTMENT-continued.
(4).-Local Fund Roads-continued.



# F.-PUBLIC WORKS DEPARTMENT-contimued. 

(4).-Local Fund Roads-continued.


\%
F.-PUBLIC WORKS DEPARTMENT—continued.


F.-PUBLIC WORKS DEPARTMENT-continued.
$\bar{\square}$


F.-PUBLIC WORES DEPARTMENT-continued.
(4).-Local Fund Roads-continued.

| Exocative Districta | Classification and names of romes, | Lexath ix miliss. |  |  | Averago total cost of construotion per mile. | Avorageannual costof main-tenanceand reparsein the latefive yeara. | Brinzes. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Completed. | In progress, | Total. |  |  |  |
| Ahmedábad | $\int$ | $\begin{array}{cc} \mathrm{Ms} . & \mathrm{ft} . \\ 2,910 & 8,792 \end{array}$ | $\begin{array}{cc} \mathrm{Ms} . & \mathrm{ft.}_{69} \\ \hline 9,791 \end{array}$ | $\begin{array}{\|cc} \text { Mrs. } & \text { ft. } \\ 2,980 & 3,303 \end{array}$ | Rs. | R's. | Avorago for two years. |
|  | V.-VILLAGE OR CLEARED ROADS. <br> Northern Division. <br> Roads from Viramgám to Hansalpar | 2,910 3,792 | $69 \quad 4,791$ | $2,9803,303$ | $1,016$ | 149 |  |
|  | Total, Ahmedabad District | 20 | *.... | 20 | ... | ... |  |
| $\begin{gathered} \text { Kaira and Panch } \\ \text { Mnháls. } \end{gathered}\{$ | Road from Gudbra to Pali   <br> Road from Páli to Bálasinor $\cdots$ .... | $\begin{array}{rr} 16 & 0 \\ 8 & 1,320 \end{array}$ | ....... | $\begin{array}{rr} \hline 16 & 0 \\ 8 & 1,820 \end{array}$ | $\begin{array}{r} 182 \\ 1,118 \end{array}$ | $\begin{aligned} & 166 \\ & 405 \end{aligned}$ | Eloven miles and two furlongs of this road aro metalled and also alhort lengtha in miles Noa. 19, 13 and 14. |
|  | Total, Kaira and Panch Maháls Districts | 24 1,320 | ..... | 241,320 | ...... | ... |  |
|  | Total, Northern Division :.. Southern Division. | 261,320 | ..... | 261,320 | ..... | ... |  |
| Dhárwár | Dhírrár-Tadas rond $\cdots$ $\therefore$ $\therefore$ <br> Tadas-Kargod rond $\cdots$ $\therefore$. $\therefore$. <br> Navalgund-Roa road $\cdots$ $\cdots$ $\cdots$ | $\begin{array}{rr}19 & 2,640 \\ 15 & 1,320 \\ 28 & 0\end{array}$ | ….. <br> $\cdots$ <br> $\cdots \cdots . .$. | 19 2,640 <br> 15  <br> 28 1,320 | $\left\lvert\, \begin{gathered} 1,890 \\ \text { Unknown } \\ 6,322 \end{gathered}\right.$ | $\begin{aligned} & 2,876 \\ & 1,509 \\ & 3,501 \end{aligned}$ |  |
|  | Road from Aminhalli to Kumta vid Nilkand Ghint <br> Road from Yellapur to ${ }^{\circ} \ddot{K}_{\text {odkanj }}^{\text {ciä }}$ Sirsi Rond from Sirsi to Hilloor via Wadi Ghát Road from Siddapor to Nilkund ... Road from Ankola to Madras. Frontier, viü Meerjan, Kumta and Honawar … <br> Total, Kánara District | 62 3,960 | *..... | 62 3,960 | ...... •• | ... |  |
| Kınara $\ldots\{$ |  | $\begin{array}{ll}32 & 0 \\ 63 & 0\end{array}$ |  | $\begin{array}{ll}32 & 0 \\ 63 & 0\end{array}$ | Unknown ... | 2,302 | $\frac{1}{1}$ |
|  |  | 32 2,640 | ...... | 32 2,640 | Do. $\quad$. | 1,593 |  |
|  |  | $\begin{array}{ll}21 & 0 \\ 63\end{array}$ | :..... $\cdots \cdots .$. | $\begin{array}{lll} 21 & 0 \\ 63 & & 0 \end{array}$ | Do. Do. | 1,493 4,507 | $\left\{\begin{array}{l} \text { Transturred to Pubtic Works Agcney hy tho Local Boarrl, Kâaara, in Asion } 9 . \end{array}\right.$ |
|  |  | 211 2,640 | *.... | 2112,640 | ..... | -•• |  |


F.-PUBLIC WORES DEPARTMENT-concluded.

[App. V. A. (1) \& (2).

## CHAPTER $\dot{\nabla}$.-REVENUE AND FINANCE.

## A-GENERAL STATEMENTS.

(1).-General statement of receipts and expenditure of the Bombay Presidency during 1890-91 and 1891-92.

(2).-Statement of the principal heads of Revenue of this Presidency, showing gross receipts, charges against each item and the net receipts for 1S90-91 and 1891-92.



App. V. A. (3) \& (4).]
$\therefore$ : $\quad$ A.-GENERAL STATEMENTS-continued.
(3).-Statement of the General Civil Expenditurs of the Bombay Presidency, excluding collections of Revente, showing grons and net charges against each item for 1890-91 and 1891-92.

| Ileads of serrice. | 1890-91. |  |  |  |  | 1801-92. |  |  |  |  | Rramis. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gross expenditurs. | Retunda. | Total. | Rocoiplas | $\underset{\text { erpenditure }}{\text { Not }}$ | Oroma axpendlture. | Refundm | Total. | Rocelpts, | Not exponditart. |  |
|  | B4. | Rs. | R\%. | R. | R. | R. | Ro. | It. | Re. | Re |  |
| Berderation ** .. .. | 2,01,845 | 2,098 | 2,04,823 | 4,07,010 | -2,08,007 | 2,00,00s | 7,208 | 8,08,110 | 8,87,788 | -2,20,678 |  |
| Roat Ofteo- .. .* .- | 1,08,507 | * | 1,08,597 | 1,000 | 1,00,007 | 1,00,603 | -* | 1,00,803 | 000 | 1,06,208 |  |
| Genend $\Delta$ dunlalatration -. | 17,06,300 | * | 17,06,300 | - * | 37,00,500 | 17,47,770 | * | 17,47,770 | * | 17,47,770 | * |
| Law and Juatioe, fneluding | 30,01,680 | 30,118 | 80,40,888 | 6,20,184 | 43,20,464 | 40,88,008 | 48,989 | 50,50,500 | $0,25,087$ | 44,04,758 |  |
| Polloe ." .. .. .. | 81,70,034 | 197 | 81,79,881 | 8,80,218 | 47,03,618 | 88,64,087 | 2,093 | 39,60,685 | 8,00,271 | 69,70,304 |  |
| Harine .. .. .. .. | 58,876 | $\cdots$ | 88,278 | 00,080 | $-28,876$ | 48,009 | " | 45,002 | 69,012 | -25,880 |  |
| Education .. .. . | 10,60,716 | 110 | 16,50,834 | 2,09,001 | 18,81,14s | 28,38,189 | 388 | 10,34,570 | 2,78,970 | 18,60,109 | - |
| Eseclealatical .. .. | 8,30,154 | ** | 8,80,164 | ** | 8,80,154 | 8,00,007 | - | 3,08,007 | - | 3,06,007 |  |
| Modical .. .. .. | 12,83,770 | 017 | 12,84,087 | 1,18,17 | 11,71,810 | 13,20,788 | 781 | 19,27,600 | 1,13,875 | 12,14,204 |  |
| Political.. .. .. .. | 8,11,112 | -• | 8,21, 112 | ** | 8,11,118 | 8,05,474 | - | 8,08,474 | $\bullet$ | 8,03,474 |  |
| Scientifo and other Minor Departments .- | 2,50,888 | 31 | 2,80,590 | 97,009 | 2,12,700 | 8,20,348 | 04 | 8,28,497 | 84,004 | 2,01,883 | - |
| Civil Puriough and Abenateo Allowances .. | 2,359 | $\bullet$ | 2,350 | * | 2,859 | \$81 | * | 631 | " |  |  |
| Buperannuation Allownice and Pensions | 15,68,476 | 0,678 | 16,06,147 | 4 41,808 | i1,28,844 | 15,87,924 | 1,000 | 15,60,124 | 4,18,185 | 11,75,080 |  |
| Etationery and Printing -. | 8,88,761 | 901 | 8,80,068 | 88,882 | 7,08,880 | 8,47,348 | 107 | 8,47,810 | 86,728 | 7,00,785 |  |
| sjuccilianoous .. .. m-m | 1,00,321 | 1,387 | 1,01,700 | 4,54,880 | -2,09,122 | 3,88,585 | 1,218 | 8,80,780 | 5,91,714 | -1,81,004 |  |
| Fante Rellof.. .- | . | ** | - | ** | * | 2,168 | - | 8,188 | * | 2,153 | - |
| Civil Works .. .. .. | 10,452 | 55 | 10,807 | 8,006 | 7,442 | 21,072 | 125 | 22,007 | 2,761 | 10,356 |  |
| Tatal .. | 1,08,05,047 | 84,796 | 1,89,68,443 | 20,80,208 | 1,69,80,340 | 1,97,07,081 | B0,295 | 1,08,54,210 | 80,74,110 | 1,07,80,100 | , |

- Note, Theso aguree do not tally with thowe given in last youra report owing to aoveral adjubimonte having boon mado in the acoounta,
(4).-Comparàtive statemont of Oitil Receipts and Expenditure (Imperial) for 1890-91 and 1891-92.

[App. V. A (5) \&) 6).


## A.-GENERAL STATEMENTS-concluded.

(5).-Comparative slatement of Civil Receipts and Expenditure (Provincial) for 1890-91 and 1891-92.

(0).—Statoment showing the Actual Receipts and Expenditure under Debt and Remittance Heads for 1891-92.

| Debt and Bemittance 4000 unte. | Reocipts | Ontgoingis | Debt and Hemittance Abcountr: | Receipts | Oatgoingl |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Permanent DebtGovernmeat Btock Noten .. | Ri: | Re. $18,275$ | Remittances- | R. | H. |
| Unfupded Dert- |  |  |  | 18,75,27,583 | $\begin{array}{r} 18,75,35,876 \\ \mathbf{2}_{2} 30,61,617 \end{array}$ |
|  |  |  | Foraign Remittances - .. ... .. | 3,52,48,783 | $\mathbf{8 , 0 8 , 7 , 0 0 0}$ |
| Einisus Hatik Daporita $\quad .$. | 17,00,945 | 14,60,878 |  |  |  |
| Deporits and Adranoes not bearing Intereat- | . |  | Account between Civil and Civil | 36,78,100 | 4, $22,03,883$ |
| Balnacen of Provinctal 8mrlnge .. | 13,00,003 | $\begin{array}{r} 5.50,105 \\ 12.00,430 \end{array}$ | Account between Civil and other Departmento- |  |  |
| Execuded Laral Punde .i. .i. | 28,91,878 | 28,95,693 | Poot 0¢m -. .. is .. .. | 1,08,60,281 | 1,08,74,423 |
| Depertmental and Jorkeral Daposite $\quad$ a | 1,69, 16.566 | 1,56,07,038 | $\begin{array}{lllllll}\text { Telersph } & \because & \because & \because & \because & \because & \ddot{ }\end{array}$ | $80,181,741$ | 15,88,938 |
| Lucal Fund Debt Aocounts $\quad$ Advances repayable .. | 21,30,679 | \% $4.48,187$ |  | (83,758- | - $\begin{array}{r}15,32,755 \\ \hline 15,58,150\end{array}$ |
| Fermanent Adiances $\quad .0$.. | 1, 0,121 | , 8,334 | Public Works ... .. .. | 2,00,04,080 | 2,74,33,630 |
| Account nith roraign 舥tice .. .. | 3,67, 830 | 4,40,419 | Quaranteed Hallway $\quad \because \quad \ddot{O} \quad \because \quad \cdots$ | 0,48,76,419 | 2,98,82,416 |
| Coinage Aocount .. .. .- | 4,52, 57.448 | 4,21,00,037 | Remitanom Account between England and |  |  |
|  | $8,65,006$ | 9,61,189 |  | 11,23,660 | 12,75, 16, 6 , 678 |
| Cbequentind nulie | $2,60,30,886$ $4,77,635$ | 2,50, 42,915 | Secrotary of gitule Bill - .. | 7,47,38,300 | $12,75,04,478$ |
|  | 5,13, 125 | 3,63,373 |  |  |  |
| Prorinctal Adrame and Loon Acocunt Hemuttancoie | 6,30,912 | - | Total .. | 51,88,98,400 | 60, $20,18,257$ |


B 741-52 ap
[189188.
(1).-Contrasted statement exhibiting the gross and net Land Revenue of the several Collectorates
with the amount of realizations, remissions and sums written off, and of the balanc:s


| 1 | 2 | 3 | 4 | 6 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 18 | 14 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Northers Divicion. | IV. | Ras. | Re. | Re, | 17. | Ra, | In. | Rs, | It. | Re. | B. | 10. | Ru. |
| Abraodibed ... ... | 80,00,818 | 8,218 | 20,04,108 | 82,003 | 4,85,107 | 32,438 | 4,805 | ** | 0,600 | 0,7,0 | 28,109 | 0,02,507 | 20, $01, \mathrm{k}$ (\% |
| Knim | 29,58,019 | 20.000 | 20, 8 B.480 | , ,132 | 6,63,412 | ${ }^{83,780}$ | 10.317 |  | 7,480 | 81.697 | 24.202 | 7.30.714 | 21.61 .741 |
| Panch Mabila ... | 0,12,373 | 18,029 | 8,90, 245 | 1,463 | 83.6086 | 18,104 | 44,473 | 20 | 4, 177 | 14, $4 \times 3$ | 6,120 | 2,45,172 | 4. 5.0031 |
| Broach ... ... | $80.00,118$ | 41,636 | 20,67,602 |  | 4.35 .144 | 23, 9 \% | 20,654 | $\cdots$ | 30,200 | 86,277 | 20,4th. | 0,10,0,16 | 24. $0^{1617}$ |
| Surat $\ldots$... | 28,41,397 | 60,696 | 27,00,772 | 2,603 | 2,58,638 | 201810 | 20,140 | ... | 24,020 | 48,442 | 21,34 | 4,13,114 |  |
| Thime ... | 11,00, 200 | 2,041 | 11,64,348 | ... | 68, 305 | 6,414 | 8,yes | ... | 1,412 | 3,400 | 8,681 | 1,04,401 | 10,60, $0^{0 N 4}$ |
| Total | 1,85,87,881 | 1,36,814 | 1,21,62,007 | 30,701 | 20,04,477 | 1,82,400 | 1,12,577 | 20 | 60,032 | 1,00,000 | 1,12,441 | 24,31,760 | 1,0\%,40,314 |
| Contral Dieirion, |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NGik - | 13,11,308 | 26,170 | 17,87,189 | 00,458 | 1,02,933 | 14,76 | 20,107 | 105 | 8,703 | 46.907 | 22.018 | 2,76,178 | 10,10,057 |
| Kirandeun... | 40, $0^{0}$ (120 | 68,772 | 40,21.:164 | 88,3:8 | 87,1086 | 13.841 | 20,94 | 1,010 | 17 ptues | 46.7104 | 01.064 | 8.4i, $5 \times 2$ | :10, $05 \times 428$ |
| Ahmodnagap | 10, +4, 625 | 16.710 | 19,07,016 | 65, $1: 3$ | 1,4,580 | 85,709 | 20, OH |  | 8018 | 42.342 | 7,01 | 3,17.314 | 11i,60, 1001 |
| Puona ... | 18, 5 , 1180 | 12,8:4 | 18.4, 10.108 | 47,04) | 1,51,100 | 67,802 | 23,408 | 87 | 8,6, ${ }^{\text {7 }}$ | 81,764 | 13,9,50, | 8,Losas | 12,52, 411 |
| SLoldinur ... | 12,13,131 | 22,000 | 11.40 .681 | 11,474 | 63,408 | 11,961 | 24,318 |  | 8,000 | 10.124 | 0,4me | 1.34, 41.6 | 10,41,457 |
| 3ctura | 24,02,004 | 16,507 | 23, 015,564 | 06,445 | 4,08,340 | 78,294 | 1,00,016 | 80 | 18,748 | 06, 100 | 25,424 | 7,76,740 | 16,045,mN |
| Total | 1,81,45,900 | 1,00,743 | 1,20,85,100 | 2,07,334 | 0,40, 140 | 2,11,003 | 3,81,297 | 1,892 | 8,798 | 8,85,006 | 1,70,680 | 27,18,104 | 1,177,0\%,472 |
| Bouthern Dipirion. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Belganm ... mome | 21,47,777 | 8,100 | 21,42,587 | 29.218 | 2.05,478 | 43,875 | 8,65,182 | $\cdots$ | 18,74 ${ }^{\text {a }}$ | 02,067 |  |  |  |
| Dindwar ... | 80,54,829 | 20,924 | 80,17,405 | 80,476 | 1,87,819 | 6\%,132 | 80,0:0 | ... | 21,1337 | 78, w1 | 48,022 | B,17, 0,17 |  |
| 日ljipur.- .0 | 17.74.112 | B63 | 17,73.159 | 7,760 | 94,771 | 27,616 | 2,06,181 | $\ldots$ | 13,776 | 09,0011 | 02,317 | 3, $3,3, \times 30$ | 13, 0 , 0 |
| Kioars ... | 10.\%6,7\% | 16,408 | 10,61,323 |  | 5837 | 4,102 | $\cdots$ | $\cdots$ | 2, | -10 | $\cdots$ | 3,3,530 | 10, |
| Entoryid ... | 0,10,070 |  | 9,100,096 | 2,043 | 80,774 | 13,598 | 8,447 |  |  | 350 |  | 74.123 | B, ¢f, 073 |
| Solabe m | 11,77,030 | 1,693 | 11,70,025 | 18.138 | 60,700 | 12,950 | 4,1527 | 819 | 171 | 1,218 | - 5 Hish | 94,243 |  |
| Total | 1,01,20,603 | 80,248 | 1,00,70,646 | 81,070 | 6,10,900 | 1,70,180 | 8,09,237 | 840 | 65,483 | 2,41,630 | 1,96,781 | 16,88,786 | 80,71,701 |
| Gearp Totis | 3,09,00,183 | 3,66,405 | 3,68,07,778 | 8,88,714 | 85,00,092 | 8,14,262 | 0,97,061 | 2,761 | 2,00,180 | 7.40,703 | (6,78,051 | 65,79,284 | 2,90,28, 514 |

[^24]
## REVENU̇E.

in the Presidency of Bombay for the revenue gears 1891-92 and 1890-91, together
outstanding on account of the year under report and previous years.

| 1901 -2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deduat-Aemament |  | Remaloder. | Dotalls. |  |  | Total. | Doduct-Bembedone on net Government revenue for year under report an wcourunt of |  |  |  |  |  |  |  |  |
| oncupters culturabie lend. | $\left\lvert\, \begin{aligned} & \text { tent froo } \\ & \text { or fifiny } \\ & \text { roducod } \end{aligned}\right.$ |  |  | Revenue Plifomiod alicnated landa. |  |  |  |  | $\begin{gathered} \text { Pallure } \\ \text { of } \\ \text { coppe } \end{gathered}$ | Poverty, desthand | Injury to locuntsor other or anecte or mana | $\left\|\begin{array}{c} \text { Lomes by } \\ \text { ane } \end{array}\right\|$ | Tora by flood. | $\begin{aligned} & \text { Other } \\ & \text { cunce. } \end{aligned}$ | $\begin{gathered} \text { Total } \\ \text { remiesiontin } \end{gathered}$ |
| 15 | 16 | 17 | 18 | 19 | 20 | 71 | 24 | 23 | 24 | 25 | 23 | 27 | 29 | 29 | 30 |
| 10. | 8. | M. | H. | R. | 8. | B. | ER. | Re. | Rs. | R. | Rs. | R. | R. | Ren | R. |
| 1.91.m8 | 7.74.17\% | 15,10,273 | 18.89.050 | 1,020.083 | 1,49,440 | 10,88,733 | - | 1,280 | $\cdots$ | 100 | $\cdots$ | $\cdots$ | ${ }_{5}^{5}$ | 1,000 | ${ }^{3}, 345$ |
| Litisis | 1,14.6.4.4 |  | 2, $2,73,6080$ | ${ }^{\text {, }}$ 32, 119 | ${ }^{28,5152}$ | cot.os, 710 | $\cdots$ | ${ }_{60}$ | $\cdots$ | ${ }_{15}^{35}$ | $\cdots$ | $\cdots$ | 8 | 1,300 | ${ }_{1}^{1,914}$ |
| 78.014 | 8.1m | 21.ne.129 | 10.6s, 614 | 2,20, 115 | 1,17,411 | 22,01, $5 \pm 0$ | $\cdots$ | 375 | $\cdots$ |  | - | $\cdots$ | 8,387 | 1,431 | 10,173 |
| 17,909 | 31, 17.15 | 10, 0,370 |  | -1,4,008 83.79 | 61,40 6,626 | - $10,00,905$ | $\cdots$ | 26 | $\cdots$ | 40 | $\cdots$ | 8ss | 648 | 735 | 1,660 |
| 4,29, 377 | 11,0,405 | 03,67,506 |  | 11,58,270 | 4,74,011 | 97, 42,976 | ... | 9781 | -. | 250 | $\cdots$ | 855 | 9,231 | 6,301 | 18,818 |
| 29,970 | 873 | 14.90.653 | 18,90.098 | 90, 370 | 1,20,836 | 16.00.780 | 110 | ${ }^{68}$ |  |  |  | 10 |  | 27,021 | 28,175 |
| 1, i, uf | 8 | 10,39.418 |  | 1,17.515 | ${ }_{\text {1, }}^{89.585}$ | 10,76,944 | \$6,087 | 10 | $\cdots$ | 4, | $\cdots$ | $\because$ | $\cdots$ | $\cdots 2$ | 83,809 |
|  | 1.019 | 1984.588 | 11.290.04E | 81,233 | ${ }^{89,018}$ | 18,23,266 | 10,719 | 0 | 08 | - | ... | $\ldots$ | - | 84 | 17, $5 \times 2$ |
| - | (9,773) | ${ }_{36,6,546}$ | - 12,275 | 3,18, $82 \times 2$ | 24,82 11,591 | $\begin{aligned} & 10,69,084 \\ & 18,87,180 \end{aligned}$ | -104 | 2,780 | $\cdots$ | $\stackrel{2}{4}$ | $\cdots$ | $\cdots$ | $\cdots 1$ | 8,459 ${ }^{2}$ | 0,188 |
| 2.47,01\% | 67,456 | 1,00,80,000 | 98,22, 884 | 8,18,212 | 4,61,168 | 1,10,87,200 | 1.27,787 | 2,018 | 690 | 1,149 | ... | 18 | 1 | 31,688 | 1,63,857 |
| 17,115 |  | 18,04,791 | 11, 3 , 6 ,08 | 3.09.080 | 48.557 | 15,46,2588 | 10,684 |  |  |  |  |  |  |  |  |
| \%6,014 | 1,213 |  | 19,09,1200 | 6.63,339 | 88.608 | 26.01,107 | ${ }^{10} 324$ |  | $\cdots$ |  | $\cdots$ |  |  | ${ }^{9}$ |  |
| 60, 100 | 1.7\% | - |  | 2,56,458 | 12,188 |  | 2,207 $\mathbf{8 , 7 6 2}$ | $\cdots$ | $\because$ | $\cdots 258$ | $\cdots$ | $\cdots$ | $\cdots$ | ${ }_{9} 98$ | 4,538 |
| 3,712 |  |  |  | 19,901 80,407 |  |  | $\cdots$ | 170 | $\ldots$ | $\cdots$ | $\cdots$ | ${ }_{413}^{12}$ |  | 40 | ${ }_{413}^{246}$ |
| 1,49,546 | 6, 206 | 81.81,166 | 00,39,680 | 12,48,508 | 2,7,14 | ©4,08,810 | 16,058 | 603 | $\cdots$ | 280 | .- | 0 | c | 356 | 18,527 |
| 8,12,987 | 12, $2=1,685$ | 2,80,46,046 | 2,48,44,668 | 82,19,0*8 | 11,63,188 | 2,92,37,84 | 1,46,886 | 0,007 | cse | 1,679 | ... | 789 | 9,288 | 38,025 | 2,01,202 |
| 1800-81. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | 16 | 17 | 18 | 19 | 20 | 91 | 28 | 23 | 4 | 25 | 20 | $\pi$ | 98 | 29 | 30 |
| ra . | R.. | Rs. | Ra. | Reb | Ra, | R. | R. | Re. | R0. | 8s. | Re. | $\mathrm{Br}_{6}$ | B. | Rs. | R. |
| 1,44.03 | 7,72.919 | 18, $18.18,08$ | 18, 89.049 | 1,02,018 | 84,880 | 15.90.006 | 13,428 | 1,072 | $\cdots$ | ${ }_{81} 51$ | $\cdots$ | $=$ | 90 | ${ }_{988}^{158}$ | 15,285 |
|  | 1,10,198 | 1, $2,00,4097$ | ${ }_{2}$ | 5,560.535 | \%7.463 | 20,91.172 | $\cdots$ | 12 | $\cdots$ | ${ }_{38}^{81}$ | ت | $\cdots$ | ${ }_{8}$ | ${ }_{124}$ | 1,251 |
| 88.197 | -91, 019 | 21.70,655 | 10,47, +28 | 2,29,620 | 1,11,680 | 22, 88,485 | $\ldots$ | 273 | ㅍ. | 104 | $\cdots$ | $\cdots$ | 7,933 | 1,038 | 9,388 |
| ${ }^{612083}$ | 21,307 | 2-100,069 | 21,46,495 | 1,44,164 | 57.214 | 23,67,473 | $\cdots$ | 300 | $\cdots$ | 40 |  |  | 432 |  | 1,409 |
|  | 17.103 | 10, 2 , 014 | 0,38,5059 | 33,635 | 91,187 | 11,18,151 | -- | ... | $\cdots$ | .- | $\cdots$ | ... | $\sim$ | 18 | 12 |
| +38,271 | 11,04,509 | P1,40,44 | 80,90,980 | 11,58,460 | 4,31,945 | D0,81,286 | 18.428 | 2,416 | - | 729. | ... | - | 8,745 | 4,077 | 20,205 |
| 8080 |  | 14.7.444 | 13,86,451 | 87,003 | 80.018 | 18,63,5077 |  | 6 | $\cdots$ | 303 |  | 88 |  | 17,514 |  |
| 1.98 .74 | 8,475 | 34,9,145 |  | 1,49,34 | 2,77,503 | 50,91.318 | ${ }_{50}^{50.505}$ | 281 | $\cdots$ | 1,618 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 41, 8 ,33 |
| 12.508 | 1.67\% | 12,79.676 | 11,97,416 | - 1,200 | 30,4i9 | 13, 10,12 | 38,883 | ${ }^{4} 1$ | 386 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\underline{213}$ | 38,373 |
| $\underline{0}+5$ | b. 137 | 10.39.586 | 9.777.574 | 61,900 | 17.653 | 10,47,310 |  | 76 | $\cdots$ | $\cdots$ |  |  |  | 3 | 78 |
|  | 20,2as | 13.76,43 | 12,58.046 | 8,18,997 | 43,700 | 10.18,14. | 8 | 2,504 | - | $\cdots$ | $\cdots$ | . |  |  | 2,508 |
| 2,74,216 | 88,147 | 1,04,50,100 | 0,48,508 | 8,03,003 | 4,58,060 | 1,00,00,088 | 1,20,012 | 3,069 | 288 | 1,851 | -- | 86 | 1 | 21,559 | 1,58,294 |
| 18.557 |  | 14.87.887 | 11,04.300 | 8.80,077 |  | 15,50.189 | 11,181 |  |  |  |  | $\ldots$ | $\cdots$ | 45 |  |
| 18.917 | 1,475 | 18, 11.538 | 11, 13,071 | 8,57,760 | 30, ${ }_{29}$ | 24, | , ,245. | 19 | $\cdots$ | 8 | $\cdots$ | $=$ | $\cdots$ | 5 | 8.275 |
| $\operatorname{cosing}_{10}$ | 1,727 | 9,7.354 | 9,78,335 | ${ }^{2}, 18$ | 3, 3.50 | 10,08, 807 | 10,360 | $\cdots$ | $\cdots$ | - | $\cdots$ | 10 | $\cdots$ | 785 | 11,175 |
| 1. $2 \times 8$ | 17,600 | - $10,512.120$ | 10,40,699 | $\begin{aligned} & 19,188 \\ & 30,500 \end{aligned}$ | 84809 81,640 | $\begin{gathered} 8.57,253 \\ 10,92,689 \end{gathered}$ | $\cdots$ | 170 | $\ldots$ | $\cdots$ | … | ง9 |  |  | ${ }_{39}$ |
| 1,43is | 4,09 | 81,71,159 | 60,77,084 | 12,46,076 | 2,28,176 | 83,99,886 | \%,185 | 300 | $\cdots$ | 41 | $\cdots$ | 374 | 7 | 855 | 25,711 |
| 0.01,000 | 11,80.775 | 2,78,70,704 | 2,46,46,579 | 32,06,120 | 13,18,280 | 2,80,80,680 | 1,67,206 | 5,65 | 888 | 2621 | - | 410 | 8,75s | 38,401 | 211,550 |

[^25]
## B.-IAND REVENOE-continued.

(1).-Contrasted statement exhibiting the gross and net Land Revenue of the several Collectorates in the Preaidency of Bombay for the revenue yoars 1891-93 and 1890-91, together with the amount of realizations, remissions and sums written off, and of the balances outstanding on account of. the year under report and previous years-concluded.


$\stackrel{N}{\circ}(\Omega) .-$ Contrasted statement exhiliting the gross and нet Land Revenue of the sereral Districts in the Province of Sind for the revenwe years $1891-92$ and $1590-91$, together vith the amount of realizations, remissions and sums writen off and of the balances outstanding on account of the year under report and previous years-concluded.

C.-EXCISE.
(1).-Total Revenus derivad from duties upon the consumption of spirits, fermented liquors and drugs, during 1891-92.

(2).-Rcvenue derived from duty on consumption of epirits during 1891-92.


| Datrict． | Porthation（1801）． |  |  |  | Nowniz or |  |  |  | Szilurilid amd intokt ditto |  |  |  |  | Incldence of hitalduty sollocted gillon． | Totalrerenue． | Inchienceper heach． | Popriation per rotenilHoence． domaco | Rumaria． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nahome dall | $\begin{aligned} & \text { Elinduat } \\ & \text { othor } \end{aligned}$ | Total． |  | Wholo－ nolan | Rotall． | Wholemale， | Betall | Rate of duty per Gmperia London Proot． | $\begin{aligned} & \text { Number } \\ & \text { of kallona } \\ & \text { on whtch } \\ & \text { dun waw } \\ & \text { doviod. } \end{aligned}$ | $\begin{aligned} & \text { Average } \\ & \text { Atrengti. } \end{aligned}$ | Total duty collectal． |  |  |  |  |  |  |
| 1 | 2 | 8 | 4 | 8 | $\bullet$ | 1 | 8 | － | 10 | 4 | 12 | 18 | 14 | 18 | 16 | 17 | ${ }^{18}$ | ． 19 |
| Northern Divisions． |  |  |  |  |  |  | Res m．p． |  | R． |  | 日a． | Ba． | Re． | R4． | Re． |  |  |  |
| 4 hraedibed，Inclading |  |  |  |  |  |  |  |  |  |  |  |  |  |  | （a） 1,138 |  |  |  |
|  | － 717,48 | 701，166 | $\underset{\substack{871,589 \\ 319,17}}{\text { 28，}}$ |  | $\cdots$ | ${ }^{2}$ | $\cdots$ | ${ }^{\circ} \mathrm{O}$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | （1）${ }_{80}^{88}$ | ${ }^{-000074}$ | ＊＊，730 | Rrcoutit of ilicen fose |
| Dmanch Burre |  | 890，272 | 311.109 | 23812 | $\frac{1}{4}$ | $\cdots$ | 5000 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $80$ | $\cdots$ | 85，372 | Troabment ronme mad $\mathrm{Re} \mathrm{S}^{5}$ |
| Stirana |  | 697，682 | 49，989 |  |  |  |  | 41000 |  | $\ldots$ |  |  |  |  | （3） 1,387 |  | 46，48， | on empumt of tos lar aypocts |
| Brato … ．．． | 40，718 | 016，986 | 067，600 | 805 | d | 28 | 10000 | 4，488 00 | ＂． | － | $\cdots$ | ．．．．． | ．．． | ．．－ | （b） 4,005 | ${ }^{0} 001$ | 11，659 | Thi ${ }^{\text {ature }}$ Por the Karjas |
| Tocel | 381，677 | 3，70，858 | 4，009，480 | 87408 | 19 | 4 | ．．．．0 | 6，110 0 | ．．． | $\cdots$ | ．． | ．．．．＂ | $\cdots$ | $\cdots$ | 8，109 | $\ldots$ | 500，011 | Co the Kinsta Dintrict have |
| Contral Dioisoor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | bercu urought into ecouuat io |
| Nafik Khindoant |  | 1，349，8888 | $\underset{\substack{\text { 8，40，} \\ 1,4858}}{ }$ |  | 1 | 18 |  | ．．．． |  |  |  |  |  |  |  | 018 | Q， 8 Sos | （b）Includse Res． 110 on ecoouns |
|  | ${ }^{68,011}$ | 101，084 | 888，756 | 188576 | $\stackrel{5}{5}$ | 3 | 10000 | $200 \% 60$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | －（c） 780 | $0 \%$ | 14，y77 | apprintment of charrint for． |
|  | （1， 68.971 | 1，000，718 | l， $1,087,860$ <br> .76080 | 109888 | $\begin{aligned} & \text { मे } \\ & \hline \end{aligned}$ | 10 <br> 8 <br> 18 | cota 800 $100 \Leftrightarrow 00$ | 160 16000 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 8,175 $\substack{1,00 \\ 1}$ | ${ }^{0} 0.018$ | 50,700 <br> 318,54 <br> 180 |  |
| 86tira－m ．．． | 40，256 | 1，182，783 | 1，226，080 | $245 \cdot 85$ |  |  | ．．．．．． |  | ．．． | ．．． | $\cdots$ | ．．．．． | … | … | 1，173 | ．．． | $111+6$ |  |
| Tound | 34，600 | 8，888，000 | 6，237，668 | 102．48 | 4 | 56 | ．．．．．． | ．．．．＊ | ．．． | ．．． | ．． | ．．．．． | ．．． | ．．． | 0，389 | $\cdots$ | 118，119 | grant of prermitaton ${ }^{\circ}$ |
| Sowhern Diditom． |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | （d）Includoe $\mathrm{Ha}, 30$ on ancuuln of extra foofor appolutmont |
|  | 200，88 | ${ }_{820}^{93,774}$ | ${ }_{1}^{1,018,201316}$ | 21767 |  |  | 100 100 100 0 | 200 200 | $\cdots$ |  |  | $\cdots$ |  |  | （d） 1.000 | 000008 | 8887，758 |  |
|  |  | $\xrightarrow{707} \mathbf{}$ |  | （110．50 | 8 | 1 | 1000 100 10000 100 | ${ }_{50}{ }^{2} 80$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | … | $\cdots$ | （c） 205 |   <br> 0 0 <br> 0 0 | ${ }^{20} 780838$ |  |
| Krntugiri ：．． | ${ }^{750,673}$ | 1，020，263 | 1，165，026 | 281．09 |  | ＂＇ |  | 50 | $\cdots$ | … |  |  | $\cdots$ | $\cdots$ | （＇） 4 |  | 238，214 | ${ }^{\text {a }}$ at for notrsthuent mooun |
| coube ．．．．．．． | 3， 329 | 184，256 | 809，684 | 878\％21 | $\cdots$ | － | ．．．．． | 3500 | ．．． | ．．． | ．．． | ．．．＂ | ．．． | － | 316 |  | 84，880 | Of Inotudsor he．Stan mocount |
| Total | 431，477 | 4，401，908 | 4，092，776 | 10089 | ${ }^{22}$ | 8 | ．．．．0 | ．．in | －．． | ．．＊ | ．．． | ．．．．． | $\cdots$ | ．．． | 8，908 | $\cdots$ | 933，769 |  |
| nnd． |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 488,188 718,000 | ${ }_{205}^{111,609}$ |  |  |  |  |  | ．．．．．＂ | $\cdots$ | … | $\cdots$ | …＂． | … | ＂．＂ | 8，429 | 008 | $\begin{aligned} & \text { 1000ss. } 11 \\ & 181,245 \end{aligned}$ |  |
| Blikarpar．．．．．．．．． | 728，801 | 8，880 | 915,407 | ${ }^{86} 48$ | 7 | 11 | ＊ 200 | 100，75， 00,25, | ＂ | $\cdots$ | ＂ | ．．．＂ | $\cdots$ | $\cdots$ | （9） 2,024 | － | 88，997 | 6）Iololaos ra． 16 an mecount |
| Thar and PYrkaponit．．．． | $\begin{gathered} 164,1890 \\ 165,308 \end{gathered}$ | 185,818 <br> 19,140 | 289,208 <br> 177,649 |  | 1 |  | 200.00 |  | ．．． | ．．． | ．．． | …… | $\cdots$ | $\ldots$ | 50 800 | $\ldots$ | …＂． |  |
| Total | 2，216，147 | 056，687 | 2，871，774 | 60.09 | 89 | 114 | ．．．．． | ．．．．．． | $\ldots$ | $\cdots$ | $\ldots$ | ．．．＇0 | $\cdots$ | ．．＂ | 14，420 | ．．． | 20，101 |  |
| －Total for foar Divisiona | 3，847，867 | 14，748，848 | 18，091，608 | $144 \cdot 0$ | 117 | 238 | ．．．．． | ．．．．．． | ．．． | $\ldots$ | ＊＊ | $\cdots$ | $\cdots$ | ．．． | 85，368 | $\ldots$ | 71，091 |  |
| Adon，Including Shaikh <br> Othmin．．．... | 86，108 | 8，886 | 44，078 | 850 08 | $\cdots$ | 18 | ．．．．．． | 450 | ．．． | 14，126 | ＂• | 4，884 | $\cdots$ | 860 | 88，934 | 11 | 3，678 |  |
| Bombay Otity and Itanal． | 155，247 | 606， 517 | $881,7 \mathrm{PM}$ | 87，852：01 | 76 | 103 | 100 to 1000 | 100 to 600 | 0 | 2，06，044 | ＂＊ | 12，80，809 | 982 | 601 | 13，08，759 | 108 | 7，078 |  |
| Orasd Toral ．．． | 3，588，287 | 15，410，261 | 18，067，688 | 100＇78 | 109 | 847 | ．．．．．＂ | ．．．＂ | $\bigcirc$ | 8，20，050 | ．＇ | 22，85，242 | $\cdots$ | $\cdots$ | 18，88，460 | 019 | 84， 5 （5x |  |

C.-EXCISE—oontinued.


| Dintrct． | Poruntiox（1801）． |  |  |  | natrbials． |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Rmanch |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Ganx and Youncres． |  |  |  |  | Manve（Butria nitidida）． |  |  |  |  | Todor． |  |  |  |  | Otula numinal． |  |  |  |  |  |
|  |  | $\begin{aligned} & \text { 夏 } \\ & 8 \\ & \frac{1}{8} \\ & \frac{3}{\mathbf{a}} \end{aligned}$ | 喜 |  | $\begin{aligned} & 8 \\ & \frac{8}{4} \\ & \frac{8}{6} \\ & \frac{8}{6} \\ & \frac{8}{4} \end{aligned}$ |  |  | 寝 |  | $\begin{aligned} & 8 \\ & \frac{8}{8} \\ & \frac{8}{8} \\ & 8 \\ & \frac{8}{2} \\ & \frac{3}{2} \end{aligned}$ |  |  | 亮 |  | $\begin{array}{\|l} \frac{6}{4} \\ \frac{8}{8} \\ \frac{8}{8} \\ \frac{8}{8} \\ \frac{1}{4} \end{array}$ |  |  | 㛾 |  |  |  |  | $\stackrel{3}{3}$ | 㝘 |  |
| 1 | 2 | － | 4 | 5 | － | 1 | － | 9 | 10 | 11 | 19 | 13 | 16 | 15 | 16 | 17 | 18 | 10 | 20 | ${ }^{1}$ | $\pm$ | ${ }^{23}$ | 2 | 2 | 20 |
|  |  |  |  |  | $\begin{aligned} & \div: \\ & \vdots \\ & \hline: \end{aligned}$ | $\begin{gathered} \text { Re, } \\ \cdots \\ \cdots \\ \cdots \\ \cdots \\ \hline \end{gathered}$ | an． <br> $\ldots$ <br> $\cdots$ <br> $\vdots$ <br> .. | Ren <br> $\cdots$ <br> $\cdots$ <br> $\cdots$ <br> .. |  |  | Ra． <br> 7，40 <br> 18，000 <br> $\cdots$ |  |  |  |  |  | $\begin{array}{\|c\|} \hline \text { Ru. } \\ \ldots . \\ \vdots \\ \vdots \\ \hdashline(0), 0,1,83 \\ \hline \end{array}$ | $\begin{gathered} \cdots \\ \cdots \\ \cdots \\ \cdots, 24 \\ 1,25,108 \end{gathered}$ | $\stackrel{\cdots}{\substack{0.770 \\ \hdashline \\ \hdashline}}$ | $\begin{aligned} & := \\ & \hdashline \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & \text { Rem } \\ & \because: \\ & \vdots \\ & \vdots \end{aligned}$ |  |  |
| Toul ．．． | 801，047 | 9，707， 8 ¢ | 1，00， | 274 |  | $\cdots$ | ．－ | －－ | ．－7 | 205 | 28，40 | 11，0，2，23 | 12，20，600 |  | 2 | 28，270 | 1，01，84 | 1，28，122 | 40，74 | － | － |  | － | $\cdots$ |  |
| Central Division <br> Nrelk <br> Kharndoeh．． <br> ․：－ <br> Poona <br> Bholipur <br> Batcera |  |  |  |  | $\begin{aligned} & \cdots: \\ & \cdots \\ & \cdots: \\ & \hline: \end{aligned}$ |  |  | $\begin{aligned} & .: \\ & \cdots \\ & \cdots: \\ & \hline: . \end{aligned}$ |  |  |  | $\left[\begin{array}{c} 1,77,002 \\ (c) 88,098 \\ \cdots \\ \hline \end{array}\right.$ |  | 8,710 <br> $8,88,765$ <br> 8,05 <br> … |  |  |  | $\begin{aligned} & \cdots \\ & \div \\ & \vdots \\ & \hline: \end{aligned}$ |  |  |  |  |  |  |  |
| To | 3 3,0008 | 6，888，000 | 8，237，000 | 10978 | －． | ．．． | $\ldots$ | － | ．．． | $\stackrel{388}{ }$ | 33，5， 6 | $2,068.800$ | － | 16，289， | ．．． | ．．． | ．．． |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ．．． |  |  |
| Southern Dicition． Belgaum ．．．．．．．．． $\begin{array}{llll}\text { Dhirwafr } & \cdots & \cdots & \cdots \\ \text { Pinjipur } & \cdots & \text { an } & \cdots\end{array}$ Kanara Ratnigirl Kolabs |  |  |  |  |  |  |  |  |  | $\begin{gathered} \cdots \\ \cdots \\ \cdots \\ \cdots \\ \cdots \\ 2 \end{gathered}$ |  |  |  |  |  |  | $\begin{aligned} & \cdots \\ & \cdots \\ & \cdots \\ & \cdots \\ & \hline \end{aligned}$ | cin |  | 1 <br> $\cdots$ <br> $\cdots$ <br> $\cdots$ |  |  | $\begin{array}{\|c\|c\|c:c:c} \cdots \\ \vdots \\ \vdots \\ \therefore \\ \hline \end{array}$ |  |  |
| Toun | ，407 | $\xrightarrow{6,401,088}$ | 4，031，775 | 12080 | 2 | 8，2\％，086 | $\cdots$ | 3，25，048 | $\underline{1,2810,03}$ | ${ }^{78}$ | ＂• | 8，70，100 | 3，72，100 | $\cdots$ | 141 | 1，88，000 | 88，037 | 3，12，130 | 18，6247 | － | 3，10，000 | －．． | 3，15，000 | 15，00 |  |
|  |  |  |  |  | $\ldots$ |  | $\left\|\begin{array}{l} 1,0,0,820 \\ 0,0,2001 \\ 1,001 \\ 13,381 \end{array}\right\|$ |  | （2ios | $\begin{aligned} & . . . \\ & \cdots \\ & \hline . . \end{aligned}$ | $\cdots$ | $\begin{aligned} & 88,687 \\ & \cdots: \\ & \hline ., 810 \end{aligned}$ | $\begin{aligned} & 80,407 \\ & \cdots \\ & \cdots \\ & \vdots, 819 \end{aligned}$ | $\cdots$ | $\begin{aligned} & .9 \\ & \cdots \\ & \cdots \\ & \hline \end{aligned}$ | $\begin{aligned} & \ldots s 4 \\ & \cdots \\ & \cdots \\ & \hdashline \\ & \hline \end{aligned}$ | $\cdots$ | $\cdots$ |  |  |  |  | 1，8i77000 | 73,820 <br> $\cdots$ <br> $\cdots$ <br> $\cdots$ <br> . |  |
| Toun ． | $\underline{2,261,147}$ | 860，627 | 2，871，74 | S0．0 | 191 | 14，888 | 2，20，3ss | $2,44,100$ | 200，000 | $\ldots$ | $\cdots$ | 86，830 | 06,916 | ．． | 9 | 005 | ．．． | ${ }^{\text {Q }}$ | … | 93 | 11，087 | ， $1,76,710$ | 1，87，00 | 79，820 |  |
|  | 8，87， 847 | $\stackrel{\text { 1，743，} 48}{ }$ | 18，01，098 | 14460 | ${ }^{108}$ | 3，50， 880 | 2，96，482 | 5，0e，238 | $\underline{418,04}$ | 41 | $\overline{19,78,022}$ | 10，36，359 | 39，4，601 | ， | 162 | 1，62，332 | 1，88， 00 | 9，98，992 | 13，03，${ }^{\text {a }}$ | 9 | $\stackrel{3}{3,20,88}$ | $1,78,170$ | 6，02， | － |  |
|  | 35，123 | 8，880 | 4，070 | －55088 | ．．． | －－ | ．．． | －．．． | ．．． | ¢．． | ．．． | －．．． | ．．．． | ．． | －．． | ．．． | ．－ | ．．． | … | 1 | 2，422 | 17，800 | 20，220 | －8，784 |  |
|  | 135，247 | 680， 317 | ${ }^{821,784}$ | 37，4589010 | ．．． | ．－ | ．．． | $\cdots$ | ．．． | 288 | 2，03，005 | 14，0，, ，905 | 10，$\overline{5,400}$ | 8，21．884 | ${ }^{68}$ | 28，883 | 4，20， 301 | 4，40，135 | $\underline{8,21,761}$ | － | $\cdots$ | … | －．－ | － |  |
|  | 3， 388,287 | 10，410，2 | 18，007，639 | － | 193 | $\overline{\text { 9，30，880 }}$ | 1 | $\sqrt{6,68,235}$ | 1，181， MH | － 923 | 10，42，0， 0 | 38，87，034 | 4，70， 0 ， 9 ］ |  | 205 | 1，8，106 | 0，0，0，201 | 7，87，587 | 20，4070 | 85 | $\stackrel{3,20,400}{ }$ | 1，98，810 | 0 | 10，77，068 |  |

C.-EXCISE-continued.
(6).-Revenue derived from wine and fermented liquors during 1891-98.

(\%).-Revenue deriverl from opium and prepurations of opium, such as Madat and Chundul during 1s91-9?.

(8).-Revenue derived from Homp (Gänja) and its

-concluded.
congeners, and proparatione therefrom, during 1891-92.


App. V. D. (1).]

- BOMBAY ADMINISTRATION REPORT.
[1:9]-92.
D.-STAMPS.
(1).-Statement showing the receipts and disbursements on account of General and Court-fee Stamps in the Presidency of Bombay for the year ending S1st March 1892.

(8).-Net receipts from Stamp Revenuo in the several Collectorates of the Bombay Presidoncy, including Sind, from 18S1-S2 to 1S01-9s.


.App. V:.E. (1) \& (2).]
bomiday admanstration report.
11981.82


## E.-INCOME TAX.

(1).-Statement showing the collections of the Tax under Act II of 1886 from Salaries, Pensions
and Gratuities paid by Government in the year 1891-92. and Gratuities paid by Governmont in the year 1891-92.

| Clune i | Income | Pad it tur Coivemiant. |  |  |  |  |  |  |  | Remarics. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Belarice. |  | Penslana |  | Cratulicer |  | Totas |  |  |
|  |  | Number of amensect. | $\underset{\substack{\text { Amount } \\ \text { of tax }}}{ }$ | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { noces. } \end{aligned}$ | Amount ol tax. |  | Amount of tax | Namber of sperimeges. | Amomint of tax |  |
| 1 | 2 | 3 | 4 | 6 | 6 | 7 | 8 | 9 | 10 | 11. |
| . $\cdot$ |  |  | Ra |  | R4. | . | R.s. |  | Re. |  |
| 1 | Iv. 500 but lesathan Ra. $\quad 750$ | 1,088 | 24,201 | 827 | 8,638 | 1 | 12 | 2,254 | 20,94 1 |  |
| II | " 760 do. do. ", 1,000 | 603 | 11,914 | 111 | 2,750 | $\cdots$ | $\cdots$ | 774 | 14,864 |  |
| III | $n 1,000$ do. do. $\quad$. 1,200 | 445 | 10,578 | 123 | 3,523 | $\cdots$ | $\cdots$ | 668 | 14,101 |  |
| IV' | $\geqslant 1,250$ do. do. » 1,500 | 142 | 8,720 | 61 | 1,071 | $\therefore$ | ... | 208 | 6,697 |  |
| V | , 1,500. do. do. $\gg 1,760$ | 141 | 4,541 | 51 | 2,050 | -.* | - $\cdot \bullet$ | 192 | 6,591 |  |
| v1 | n 1,750 do. do. n 2,000 | 264 | 10,147 | 34 | 1,824 | $\cdots$ | ... | 208 | 11,471 |  |
|  | Total, I to VI ... | 3,581. | 65,197 | 707 | 17,256 | 1 | 13 | 4,280 | 82,405 |  |
| VII | Re, 2,000 but less than $\mathrm{Br}, 2,800$ | 318 | 17,665 | 88 | 8,840 | 1 | 60 | 377 | 21,565 |  |
| VIII | $\boldsymbol{n}$ 2,500 do. do. . $n$ 8,000 | 355 | 83,044 | 80 | . 7,022 | ** | $\cdots$ | 436 | 40,900 |  |
| 18 | , 5,000 do. do. $n 10,000$ | 296 | 54,577 | 35 | 6,802 | $\cdots$ | -.. | 831 | 60,409 | ; |
| X | " 10,000 do do. $\quad$ 20,000 | 108 | 37,627 | 10 | 8,885 | $\cdots$ | .." | 125 | 41,512 |  |
| XI | " 20,000 do, do. $n 30,000$ | 47 | 23,792 | 7 | 2,201 | ..- | ** | 64 | 26,013 |  |
| XII | n 30,000 do. - do. $n$ 40,000 | 15 | 11,064 | 8 | 3,818 | $\cdots$ | ... | co | 14,882 |  |
| IIII | n 40,000 do. do. $\quad$, 60,000 | 11 | 0,938 | 2 | 2,497 | $\cdots$ | -•• | 18 | 12.433 | . |
| XIV | " 50,000 do. do. $n$ 1,00,000 | 5 | 4,785 | 1 | 1,662 | - | ... | 6 | 6,347 |  |
| XV | , 1,00,000 and upwards .... ... | 1 | 8,125 | 1 | 242 | .. | ..0 | 2 | 3,367 |  |
|  | Total, VII to XV ... | 1,187 | 1,05,016 | 205 | 31,878 | 1 | 00 | .1,803 | 2,77,354 |  |
|  | Grand Total ... | 4,738 | 2,00,812 | 012 | 49,135 | 2 | 72 | . 0,062 | 3,10,019 |  |

(2).-Statement showing the collections of the Tax under Aot II of 1886 from interest on Securitics in the year 1801-98.

| Clum. | $\cdots$, Bato of Tas. | Bectritien of the Governmentit of Inde: |  | Dondu and Debentnres charges by pariat of Indla |  | $\begin{array}{\|c\|} \hline \text { Bocorltion ni Incal } \\ \text { Arthority or Company. } \end{array}$ |  | TOM, |  | Remarka, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Amount of cocurstion. | $\underset{\substack{\text { Amount } \\ \text { taxic }}}{\substack{\text { of }}}$ | Amount o accartition, | Amount of | Amount of securtitom. | $\left\lvert\, \begin{gathered} \text { Amount of } \\ \text { tax. } \end{gathered}\right.$ | Amoint of mocurition. | $\Delta$ mount of |  |
| 1 | 2 | 3 | 4 | 6 | 6 | 7 | 8 | 0 | 10 | 12 |
| I to VI ... VII to XV. | At 4 pien in the rapas ... At 5 pien in tho rapee ... <br> Total. | Bs. | R. | Re | Re | R. |  |  | B. |  |
|  |  | 6,35,600 | 595 | - | ..' | 1,02,100 | 121 | 7,37,000 | . 716 |  |
|  |  | 12,50,03,600 | 1,44,868 |  | " | 3,62,44,500 | 48,349 | 16,12,48,000 | 1,93,217 |  |
|  |  | 12,56,30,000 | 1,45,463 | ... | -• | 8,62,46,000 | 48,470 | 16,18,85,600 | 2,03,838 |  |

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(3).-Stutement showing the collections of the Tax under Act II of 1856 for the year 1891-93 in the Presillency of Bombay.





E.-INCOME TAX-continued.

E.-INCOME TAX-concluded.
(6).-Statement showing the expenditure inewrred in assessing and collecting the Tas usder Aet II of 1886 in the year 1891-92 in the Presidency of Bombay.




(1).-Ditatement of receipts and expenditure of the Incorporated Local Funds for the year 1891-92.

| Pande | Oproing Ratanve | Hocolpta, 1801.02. | Total. | Chargoe, 1901-02 | Mretne Relunme, |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | - In. ai p. | Re. a. p. | Ra. a. p. | Re. a. p. | Ba. a. p. |
| The Lneal Funde (Act 1, 1884) | 98,67,979 14.7 | 46,43,847 15 | $78,11,297$ <br> $9,19,308$ <br> 8 <br> 8 | $\begin{array}{rrr}+5,89,691 & 6 & 8 \\ 2,69,9 \mathrm{P} 7 & 4 & 2\end{array}$ | $\begin{array}{rrrr}29,47,046 & 611 \\ 7,29,411 & 4\end{array}$ |
| 8ind Village Oticers' Ceas Fund .i. | 6,26,130 780 |  | $9,919,398$ 8 <br> $2,6,075$ 4 | $\begin{array}{llll}2,6,6987 & 4 \\ 1,51,751 & 1 & 1\end{array}$ | $7,29,411$ 4 <br> $1,10,324$ 3 |
| Goverument Central Book Depot Fund . btesm Boiler Inspeotion Fund ... | 98,808 <br> 17,327 <br> 6 | $\begin{array}{r}1,64,2698 \\ 41,844 \\ \hline 8\end{array}$ | 2,69,181 132 | $1,53,004$ 4 |  |
| Total | 36,00,683 34 | 62,16,230 4 | 88,24,863 7 | 50,11,324 0 | 38,13,549 73 |

(2).-Statement showing recaipts and charges, together with opening and closing balances of the Local Fund (Act I of 1884) and Village Offcors' Oess Fund (4ct IV of 1SS1).

| Dlatritas. |  |  |  | Opening Balanco on the 1at Aprit 1891. | R0coiptr, 1801-09, |  | Total. | Charyen, 180Lot. | Choling Balariote its the 3lat March lofit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Northern Division. |  |  |  | Iv. a. p. | IIN. a. p |  | İ. a. p. | İs. an pr | $\mathbf{R a}_{1}$ a. p. |
| Ahmodábid | $\cdots$ |  |  |  |  |  | $\begin{array}{llll}3,10,027 & 14 & 4 \\ 3,92,581 & 14 & 0\end{array}$ | $\begin{array}{lll} 1,04,720 & 15 & 2 \\ 1,78,486 & 15 & 2 \end{array}$ | $\begin{aligned} & 1,16,006 \\ & 2,10,154 \\ & 2,14 \\ & \hline \end{aligned}$ |
| Broach | $\cdots$ | ... | ... | 1,70,002 810 |  |  |  |  | $2,10,00^{2} 41410$ <br> 1.88; 9ris |
| Ksirs | ... | ... | ... | $1,47,336$ $40,6 \times 8$ 5 5 | 2, $90,669.815$ |  | $4,37,489$ $1,25,049$ 10 | $2,80.940$ <br> 76.452 <br> 14 <br> 14 <br> 11 | $1,86,969$  <br> 50,536  <br> 11 1 |
| Panch Mahils | ... |  | . |  | 277,191 |  | 8,05,618 17311 | 2,60,779 115 |  |
| Burnt Thatat | ... |  |  | 1,19,042 212 | 2,14,717 8 |  | 3,13,800 714 | 2,58,762 410 | 75,047 2 B |
|  |  |  | Total | 7,84,041 7 | 13,12740 50 |  | 20,06,821 12 | 12,13,182 211 | $8, \mathrm{~K}, 88 \mathrm{~d}$ ¢ 9 |
| Oentral Disision. |  |  |  |  |  |  |  |  |  |
| $\Delta \mathrm{hmed}$ dagar | -. | ... |  | 98,739124 | 2.13780611 |  | 3,10,4668 8 | 2,00,520 780 | 1,00,945 123 |
| Elandeah ... | ... | ... |  | $8,08,14838$ | 4,37, 853 13 8 |  | 7,46,402 009 | 3,54,321 680 | 8 892480 101 |
| Nasik |  |  |  | 1,02,648 710 | 2,07,271 11 |  | 3, 10,8880 | 1,74,712 1118 | 1,35,157 7 7 |
| Poona |  |  |  | $77,63516 \quad 6$ | 2,01,952 8 |  | 2,711,588 78 | 1,00,450 008 | 80,132 73 |
| Bholapur |  |  |  | 100,276 210 | 1,37,708 10 |  | 2,27,944 1314 | 1,32,3n8 8 | 06, 代0 6 |
| Sutars |  |  |  | 89,673 114 | 2,34,484 18 |  | 3,44,068 77 | 2,68,üष3 10 | 85,475 6 |
|  |  |  | Total | 7,86,762 62 | 14,32,197 14 |  | 21,08,760 8 | 13,18,042 2 | 8,78,918 010 |
| Southern Division, |  |  |  |  |  |  |  |  |  |
| Belgaum |  |  |  | 2,26,272 ${ }^{6}$ | 2,12.847 4 |  | 4,38,610 10 4 | 2,70,043 10111 | 1,60,785 15 5 |
| Bijapur | ... | ... | $\ldots$ | 1,67718 142 | 1,01,112 15 |  | $3,8 \mathrm{R}, 87 \mathrm{l}, 13 \mathrm{~B}$ | $2,10,177 \quad 2 \quad 2$ | 1,40, (60) 11 d |
| Dharwar |  |  |  | 2,13,842 $\quad 0.7$ | 2,904,6-77 1811 |  | 8,80, 8009 | 2,08,758 8 8 6 | 2,41,13y 10 |
| Kanara | ... | ... | ... | 80,383 090 | 1,14,315 51 |  |  | 1,21,2\%0 132 | 47,442 2 b |
| Ratnagiri | ... | ... | * | 88.470 | 1,41,106 7 |  | 1,010,645 $\quad 0$ | 1,81,102 13 | 64,392 115 |
| Kolabe | ... | ... | . | 76,417 82 | 1, $2 \mathrm{R}, 300 \mathrm{~B}$ |  | 2,03,753 14 | 1,17,010 7 | $85,834 \quad 71$ |
|  |  |  | Total | 8,21,614 14 | 10,87,776 7 |  | 19,09,440 8 8 6 | 11,07.3:38 710 | 7,42,082 0 0 8 |
| Sind. |  |  |  |  |  |  |  |  |  |
| Karáchi |  |  |  | 1,05,008 588 | 1,73,12B 2 |  | 2,78,183 7 | 1,38.017 27 | 1,46,116 $\quad 31$ |
| Byderabad... | $\cdots$ |  | .. | 1,0x;014 07 | 2,4N,237 15 |  | 4,47,151 180 | 3, 55, 51441111 | 01,007 310 |
| Thar and Park | ... |  | ... | 20 , 11617 | 62.41818 |  | 78,068 111 | 05.511 88 | 13,104824 |
| Shikarpur |  |  |  | 1,39,048 14 | 2,810,746 10 |  | 4,21,434 8 8 3 | 2,54,001 1 | 1,70,633 68 |
| Oppor Sidd Fiond | tier |  |  | 26,222 6 | 46,723 8 |  | 72,045 110 | 6,104 08 | 2:,761 $10 \quad 4$ |
|  |  |  | Total | 4,05,802 1 | 8,10,333 4 |  | 18,06,226 6 0 | 8,08,109 9 | 4,43,066 12 |
| Revence A |  |  |  |  | 6,17,440 1 |  | 6,17,140 12 | 6,17,140 1 | ..... |
| Total, Local Fund (Aot I of 1884) |  |  |  | 28,67,370 147 | 81,60,988 0 |  | 80,28,367 14 | 60,80,721 710 | 20,47,1046 6 |
| Viluage Officers' Ceso Fiund (Sind). |  |  |  |  |  |  |  |  |  |
| Hydorabad... |  |  |  |  | 1,04,854 13 |  | 1,04,002 11 | 78,188 $\quad 0$ | 1,15,8:34 17 |
| Kardechi . | ... |  |  | 22,0.077 150 | 62,186 0 |  | 851.143158 | $68,347{ }^{1}$ | 22,748 141 |
| Ehikarpar ... |  |  |  | 4,25,6j3 710 | 1,33,400 0 |  | 8,58,1533 8181 | 1,04,474 124 | $4,54,47 \mathrm{~B} 119$ |
| Upper Nind F | ntier |  |  |  | 44,803 18 |  | $44, \mathrm{KOP} 13 \quad 3$ | 0,02388 | 36,140 80 |
| Thar and Par | r... |  |  | 87,181 22 | 28,323 6 |  | 1,16,504 88 | 27,403 7 | $88,101 \quad 0 \quad 9$ |
| Total, Village Oficen' Ceas Fund |  |  |  | 6,20,130 74 | 8,73,208 1 |  | 4,60,398 8 | 2,00,057 42 | 7,20,411 42 |

(3).-Statement showing receipts, expenditure and balances of Excluded Local Funds for the year 1891-92.

| Funde. |  | Hocolipta, 1801-02. | Total. | Chargen, 1801.99. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Ra, a. p. | Re. s. p. | Is. a. p. | Rs. a. p. | Ra. a. |  |
| Cantonmant Funds | ${ }_{80}^{80,263} 1212$ | 2,71,680 142 | 3,51,894 103 | 2,70,071 12 B |  |  |
|  | 37,2401318 2.57215 | 98,148 22 | 1,22.346 158 | 71,827 71 | 47,56998 | 8 |
| Prlucational Funds ... | $2,57,215$ <br> 77,760 <br> 80 | $8.686,831818$ | $6,23,7 \mathrm{~ms} 68$ | 4,46,013 689 | 1,77.74.5 0 |  |
| Merlical and Charitable Fonds... |  | 4519171 | 1,28,932 818 | 79,130 10 | 44.7152 | 1 |
| Public Worky Fuale ... ... | $13,8 \circ 7$ 12 | 2,50, 507 | 3,42,272 11 | 2,64,312 712 | 75,960 4 | 5 |
| Othar Yands | 8,30,082 013 | 18,64,1ito 113 | 24,03,201 11 | 18.31712 |  |  |
|  |  |  |  | 10,00,280 | 7,37,981 | 5 |
|  | 6 | $28,50,19810 \quad 6$ | 30,80,824 6 | 23,28, 46213 | 11, ©0, 871 9 | 3 |

F.-LOCAL FUNDS-contimued.
(4).-Staternent showing the income of the Local Boards in th

| Districtas. | Cloting balance of previous your. | 1.-Land rivenue. |  |  | VL--PROVEFCLAL RATBS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Rovenue duo to cantio. |  | Total | Locil Rato | Patrari Cemen | Vilinge | Toknt. |
| Northern Division. <br> Ahmedábsd ... ... <br> Kaira ... <br> Panch Mahale ... <br> Broach ... <br> Sorat <br> Thang ... | Rac. an p <br> (a) 74,160 1 6 <br> $(a) 1,48,834$ 10 1 <br> (a) 47,663 5 2 <br> (a) $1,71,922$ 5 8 <br> $2,28,432$ 6 8 <br> (a) $1,15,139$ 7 2 | .. <br> $\ldots$ <br> $\ldots$ <br> $\ldots$ <br> $\ldots$ <br> $\ldots$ <br> .. | $\begin{array}{rcc} \text { Re. } & \text { a. } & \text { p. } \\ 1,283 & 2 & 1 \\ 1,629 & 6 & 10 \\ 78 & 7 & 0 \\ 1,258 & 0 & 11 \\ 1,533 & 16 & 7 \end{array}$ | Ra. a. p. <br> 1,283 2 1 <br> 1,629 6 10 <br> 78 7 0 <br> 1,288 0 11 <br> 1,883 15 7 <br> $\ldots \ldots .$.   |  | ... <br> $\ldots$ <br> $\ldots$ <br> $\ldots$ <br> $\ldots$ <br> $\ldots$ <br> $\ldots$ <br> .. |  | Ru. 4. p. <br> $1,47,043$ 6 1 <br> $1,60,820$ 8 9 <br> 28,244 11 10 <br> $1,60,872$ 5 8 <br> $1,64,056$ 4 11 <br> $.70,539$ 2 1 |
| Tal | 7,86,152 4 | .." | 6,788 00 | 6,783 0 | 7,41,185 7 \% | $\cdots$ | $\cdots$ | 7,41,485 7 |
|  | 96,789 12 4 <br> $8,08,948$ 3 4 <br> (b) $1,05,252$ 7 10 <br> 77,635 15 6 <br> 93,088 11 4 <br> $(0) 92,498$ 2 10 | $\cdots$ | $\begin{array}{ccc} 403 & 4 & 1 \\ 208 & 18 & 2 \\ \ldots & & \\ 1,099 & 13 & 10 \\ 293 & 10 & 0 \end{array}$ | $\begin{array}{ccc} 408 & 1 & 1 \\ 206 & 13 & 2 \\ \ldots \ldots \ldots & \\ 1,098 & 18 & 10 . \\ 258 & 10 & 0 \end{array}$ | $1,10,232$ 2 2 <br> $2,41,670$ 13 7 <br> 74,819 1 4 <br> 65,418 8 11 <br> 03,373 11 10 <br> 72,603 6 4 |  |  | $\begin{array}{rrr} 1,10,232 & 2 & 2 \\ 2,44,070 & 13 & 7 \\ 74,819 & 1 & 4 \\ 65,418 & 8, & 11 \\ 93,373 & 11 & 10 \\ 72,608 & 6 & 4 \end{array}$ |
| Total ... | 7,74,156 66 |  | 1,943 91 | 1,043 $\quad 9 \quad 1$ | 6,70,117 122 | ... | .." | 6,70,117 122 |
|  | $\begin{array}{rrr\|} \hline 2,28,702 & 6 & 4 \\ 92,46,802 & 9 & 7 \\ 1,70,118 & 14 & 2 \\ 52,893 & 9 & 0 \\ 61,290 & 1 & 4 \\ \hline(d) 80,125 & 9 & 6 \end{array}$ | .." .. ... | $\begin{array}{rrr} 22 & 13 & 6 \\ 386 & 15 & 6 \\ 42 & 9 & 0 \\ 130 & 10 & 0 \\ \ldots \ldots & \\ \ldots \ldots . & \end{array}$ | $\begin{array}{ccc} 22 & 18 & 6 \\ 386 & 16 & 6 \\ 42 & 9 & 0 \\ 230 & 10 & 0 \\ \ldots \ldots . & \\ \ldots \ldots . & \end{array}$ | $\begin{array}{rrr} 1,26,018 & 8 & 0 \\ 1,76,274 & 18 & 4 \\ 1,02,035 & 11 & 0 \\ 81,742 & 14 & 1 \\ 68,688 & 15 & 10 \\ 71,728 & 0 & 8 \end{array}$ |  |  | $\begin{array}{ccc} 1,26,013 & 5 & 0 \\ 1,76,274 & 13 & 4 \\ 1,02,035 & 11 & 0 \\ 01,7 \times 2 & 14 & 1 \\ 68,033 & 15 & 10 \\ 71,726 & 9 & 8 \end{array}$ |
| Total ... | 8,39,912 228 | ... | 68300 | 88300 | 8,00,427 411 | : ... | ... | 6,90,427 411 |
| Kardchi .. ... .. <br> Hyderabbad ... $\ldots$ <br> Shikarpar ... $\ldots$ <br> Thar and Parkar ...  <br> Upper Sind   |  | $\begin{gathered} * *: \\ * * * \\ \bullet * * \\ * * * \\ * \end{gathered}$ | $\begin{array}{ccc} \therefore \cdots 1 & & \\ 81 & 14 & 9 \\ 1,068 & 5 & 0 \\ \ldots \ldots . & & \\ 236 & 3 & 0 \end{array}$ | $\begin{array}{ccc} 81 & 14 & 0 \\ 1,068 & 8 & 0 \\ \ldots \ldots . & \\ 238 & 3 & 0 \end{array}$ | $\begin{array}{rrrr} 82,120 & 4 & 0 \\ 1,27,091 & 0 & 0 \\ 2,00,068 & 11 & 0 \\ 87,223 & 8 & 0 \\ 34,177 & 2 & 0 \end{array}$ |  |  | 82,126 4 0 <br> $1,27,001$ 9 0 <br> $2,00,908$ 11 0 <br> 37,223 8 0 <br> 34,177 2 0 |
| Total ... | 4,90,542 10 | -.. | 1,384 66 | 1,384 6 O | 4,81,687 20 | ... | ... | 4,81,587 20 |
| Grasd Total ... | 28,00,762 1211 | ... | 0,604 03 | 9,604 02 | 24,89,617 10 ह | ... |  | 24,89,017 10 \% |


 230
(d) tacloules Be. 8,078-10t on eccount of Karjat Taltikn

## FUNDS- ${ }^{\bullet}$ continued.

Presidency of Bombay, including Sind, during the year 1891-92.

|  |  |  |  |  | 182-POST OPPICE. |  |  | IVIL-POLICE. |  |  | K15-EDOC | Cation. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { MAOCOL } \\ \text { tion } \end{gathered}$ | $\begin{gathered} \text { c } \\ \text { Pholera } \\ \text { Dhingm } \\ \text { THivf fund } \\ \text { securitien } \end{gathered}$ | $\begin{gathered} \text { On Poblic } \\ \text { Worki } \\ \text { mecuritien } \end{gathered}$ | $\begin{aligned} & \text { On dispens- } \\ & \text { necaritilos. } \end{aligned}$ | Total | $\begin{array}{\|c} \begin{array}{c} \text { Mall } \\ \text { cast } \\ \text { crot } \\ \text { criphe. } \end{array} . \end{array}$ |  | Total | Reocelpts underCattil Treapease cattle Tr 4 | Bation Pras. |  |  |  |  |
|  |  |  |  |  |  |  |  |  | Truining meetal scigoolt. | Fugh | Middle | Primary | Total. |
| Ra, a. p. | Ro, - p - | Rs. A. p. | a a. p. | 8. at p. |  |  |  | Ras. a. p- R | Re, an P. |  | R8. an p. | Res, an p. | Rg. an $\mathbf{p}$ |
| $\cdots$ | 5,985 0.0 | ... | ..0 • | 5.00 | ... | $\cdots$ | $\cdots$ | 5,564 001 | $\cdots$ | $\cdots$ | ... | 5,490 386 | 5,490 3 6 |
| $\cdots$ | $\ldots$ | ... | .- | **. | $\ldots$ | $\cdots$ | $\cdots$ | 4,729 111 | $\cdots$ | $\cdots$ | $\cdots$ | 7,614 110 | 7,614 110 |
| $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | 640141 | $\cdots$ | $\cdots$ | ... | 1,304106 | 1,304 106 |
| ... | $\cdots$ | ... | - | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 1,893 157 | $\cdots$ | $\cdots$ | 1200 | $4,077 \quad 0 \quad 0$ | 4,089 00 |
| 219317 | ... | 190120 | ... | 419787 | $\cdots$ | $\cdots$ | $\ldots$ | 3,852 107 | ... | $\cdots$ |  | 6,708 06 | 6,708 06 |
| ... | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | ... | $\cdots$ | 2,851 1410 | ... | $\cdots$ | 63300 | 4,482 6 6 | 5,165 66 |
| 219117 | 5,9850 | 109120 | ... 6 | 6,404 , 77 | ... | $\cdots$ | $\cdots$ | 19,313 213 | ... | $\cdots$ | 69500 | 20,677 00 | 30,372 0 |
| $\cdots$ | .. | $\cdots$ | ... | $\cdots$. | $\cdots$ | .." | $\cdots$ | 16,476 15 8 | ... |  | 1000 | 6,703 11.6 | 8,713116 |
| $\cdots$ | $\cdots$ | $\ldots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 43,336 138 | ... | $\cdots$ | 800 | 9,421 5. 6 | 9,429 56 |
| ... | ... |  | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | 11,910 2 or | ... | $\cdots$ | 8600 | $5,79513.9$ | 5,831 789 |
| *m | $\ldots$ | $\cdots$ | ... | .... | $\cdots$ | $\cdots$ | $\cdots$ | 9,715 1111 | ... | $\cdots$ | ... | 6,CsG 12 of | 6,686 120 |
| $\cdots$ | $\cdots$ |  |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 8,85803 | ... | ... | 1500 | 8,542 8 6 | 8,55786 |
| $\cdots$ | $\cdots$ | $\cdots$ |  | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | 8,34426 | $\cdots$ | $\cdots$ | 1500 | 4,534 06 | 4,549 06 |
| $\sim$ | $\cdots$ | $\cdots$ |  | -'0. | $\cdots$ | $\cdots$ | $\cdots$ | 98,641 $14 \times 4$ | $\cdots$ | $\cdots$ | 8400 | 41,684 3 \% 9 | 41,768 3 |
| ... | . | $\ldots$ | $\cdots \cdot$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 1,922 210 | - |  |  | 12,687 47 | 12,687 \& 7 |
| 4. | $\cdots$ | $\cdots$ |  | ... | $\cdots$ | $\cdots$ | ... | 8,898100 | - | $\ldots$ | 38800 | 14,990 88 | 15,373 8 S |
| $\ldots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | 3,989 211 | ... | ... | $\bullet$ | 8,464 130 | 8,464 130 |
| $\cdots$ | ... | ... .. |  | ... | $\cdots$ | ... | $\cdots$ | 3,054 76 | ... | $\cdots$ |  | 4,718 7.10 | 4,718 710 |
| $\cdots$ | ... | $\cdots$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 462710 | 10880 | 0 | .'* | 9,504 4. 1 | 9.610101 |
| *" | .". | $\cdots \cdot$ |  | $\cdots$ | $\cdots$ | $\cdots$ | ... | 1,042 410 | ... | $\ldots$ |  | 4,999 0, 00 | 4,999 00 |
| $\cdots$ | ... | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 18,769. 3 11 | 10680 | 0 | 38800 | 55,364 62 | 55,853 142 |
| .... | . $\cdots$ | ... | - ... . $\cdot$ | ... | $\cdots$ | $\cdots$ | $\cdots$ | 1,880 510 | ... | $\cdots$ |  | 610 3. 4 | 61034 |
| 't. | .... - | $\ldots$ | ... | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | 9,441 98 | ... | $\cdots$ | 00 | ${ }^{3} 136$ | 757136 |
| $\cdots$ | $\cdots$ |  | . ${ }^{\prime}$ | $\ldots$ | $\cdots$ | $\cdots$ | - $\cdot$ | - 9,774 15 5 | ... | $\cdots$ |  | 486 | 48466 |
| $\cdots$ | $\cdots \cdots$ | ... | 1,089 1.8 | 1,089. 18 | ... | $\cdots$ | $\cdots$ | 5,746 139 | ... | .. | 200 | $\cdots \cdot \cdots$ | 200 |
| ... | $\cdots$ | ... | $\ldots$ | *-** | $\cdots$ | ... | $\cdots$ | 1,397 96 | ... | ... | :•• | ..... | $\cdots$ |
| $\cdots$ | ... |  | 1,089 1.8 | 1,089. 18 | ... | ... | $\cdots$ | 28,241 54 | ... | $\cdots$ | 258 0. 0 | $\mathbf{1}_{2} 598874$ | 1,854 74 |
| 219117 | 6,285 0 | 199120 | 1,089 1.8 | 17,493 931 |  | $\ldots$ | ... | 1,64,965 $\quad 910$ | 10680 |  | 1,418 0 | 1,28,324 13 | 1,29,848 93 |

[^26]App. V. F. (4).]
bombay admenistration meport.
[1891 \%
F.-LOCAL
(4.)-Statement showing the income of the Local Eoards in the


## FUṆDS--continued.

Prosidency of Bombay, including Sind, during the year 1891-9z—continued.

(4).-Statement shoring the income of the Local Boards in $1 / \mathrm{s}$

| Dstaricts. |  | IxY.-MISCELLANEOUB, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | sale of old atores and materiale. | Rewtra, |  |  | $\begin{aligned} & \text { Other } \\ & \text { misellatieong } \\ & \text { itoriu. } \end{aligned}$ | Tota. |
|  |  |  | Staglog hangalow | Boral foen. | Total. |  |  |
| Northers Division. <br> Ahmedibad <br> Kaira ... <br> Panch Mahála <br> Brosch ... <br> Surat <br> Thana | Ro. a. p. $\qquad$ $\qquad$ <br> -4 4 \& 0 $\qquad$ $\qquad$ $\qquad$ | R.s. a. p. <br> 1346 <br> 13 II 1 <br> 3146 <br> 36152 $\qquad$ <br> 62180 | $\begin{array}{rrrr}\text { R4. } & \text { a. } & \text { p. } \\ 605 & 0 & 6 \\ 303 & 0 & 0 \\ 7 & 8 & 0 \\ 15 & 15 & 0 \\ 316 & 0 & 0 \\ \ldots \ldots . . & \end{array}$ | Re. a. p. <br> 118610 $\qquad$ <br> 2800 $\qquad$ $\qquad$ $\qquad$ | $\begin{array}{ccc} \text { Rs. } & \text { a. } & \text { p. } \\ 723 & 7 & 4 \\ 303 & 0 & 0 \\ 25 & 8 & 0 \\ 15 & 15 & 0 \\ 816 & 0 & 0 \\ \ldots \ldots . & \end{array}$ | Ru. a. p. $\begin{array}{rrr} 10 & 13 & 0 \\ 18 & 3 & 0 \\ 8 & 2 & 10 \end{array}$ ...... <br> 85482 <br> 124310 | Re. a. p. <br> $750 \quad 810$ <br> 3341410 <br> 64154 <br> 52 14 2 <br> 84052 <br> $187 \quad 010$ |
| Total | ...... | 15803 | 1,247 7 \% | 188610 | 1,383 144 | 60507 | 2,238 152 |
|  |  | $\begin{array}{cccc}\cdots & \cdots & \\ 20 & 14 & 3 \\ 70 & 8 & 0 \\ 30 & 12 & 0 \\ \ldots \ldots . & & \\ \ldots \ldots . & & \end{array}$ | $\begin{array}{cccc}\cdots 201 & 8 & \\ 612 & 8 & 0 \\ \cdots \cdots & & \\ 7 & 8 & 0 \\ 117 & 4 & 0\end{array}$ |  | **** $\begin{array}{rrr} 201 & 8 & 0 \\ 812 & 8 & 0 \\ \ldots \ldots . & \\ 7 & 8 & 0 \\ 117 & 4 & 0 \end{array}$ | $\left.\begin{array}{rrr} 294 & 11 & 8 \\ 222 & 6 & 1 \\ 12 & 5 & 0 \\ 0 & 6 & 6 \\ 044 & 1 & 4 \\ 25 & 0 & 0 \end{array} \right\rvert\,$ | 984 11 8 <br> .444 11 4 <br> 695 5 9 <br> 40 2 6 <br> 951 9 4 <br> 142 13 6 |
| Total ... | ...... | 12223 | 938120 | ...... | 098120 | 1,408 710 | 2,050 61 |
|  | -..... <br> 4.4*e日 <br> -08:-4 <br> 782 $\qquad$ <br> -***** | $\begin{array}{ccc} \cdots & \ldots & \\ 53 & 11 & 8 \\ 21 & 13 & 6 \\ 45 & 4 & 0 \\ 62 & 0 & 0 \\ \ldots \ldots . & \end{array}$ |  |  | $\begin{array}{ccc}\ldots \ldots & \\ \ldots \ldots . & \\ \ldots \ldots . & \\ 182 & 4 & 0 \\ 62 . & 8 & 0 \\ \ldots \ldots . & \end{array}$ | $\begin{array}{rrr}4 & 12 & 4 \\ 833 & 7 & 4 \\ 92 & 2 & 8 \\ 086 & 9 & 3 \\ 18 & 7 & 2 \\ 1,100 & 18 & 8\end{array}$ | $\begin{array}{rrrr}4 & 12 & 4 \\ 387 & 3 & 0 \\ 113 & 15 & 9 \\ 014 & 1 & 3 \\ 140 & 8 & 2 \\ 1,190 & 18 & 5\end{array}$ |
| Total ... | 782 | 18362 | 244120 | ...... | 244120 | 2,328 88 | 2,751 511 |
| Karkchi ... ... $\ldots$ <br> Hyderabad ... $\ldots$ <br> Stikirpar ... $\ldots$ <br> Thar and Pirkar $\ldots$  <br> Upper Siud Frontier ...  | $\cdots$ | $\begin{array}{rrr}108 & 1 & 2 \\ 99 & 0 & 0 \\ 388 & 7 & 1 \\ 137 & 4 & 8 \\ 22 & 0 & 0\end{array}$ | $\begin{array}{lll}928 & 8 & 0 \\ 468 & 1 & 0 \\ 607 & 4 & 0 \\ \cdots \ldots . . & \\ 116 & 0 & 0\end{array}$ | $201111$ | $\begin{array}{ccc}928 & 8 & 0 \\ 408 & 4 & 0 \\ 607 & 4 & 0 \\ 240 & 1 & 11 \\ 116 & 0 & 0\end{array}$ | $\begin{array}{cccc}006 & 0 & 1 \\ \ldots & \\ \cdots & \\ 822 & 0 & 11 \\ 470 & 10 & 11 \\ 47 & 10 & 5\end{array}$ | $\begin{array}{rrr} 2,033 & 2 & 3 \\ 667 & 4 & 0 \\ 1,513 & 5 & 0 \\ 848 & 1 & 0 \\ 185 & 10 & 5 \end{array}$ |
| otal | ...... | 8391211 | 2,120 00 | 240111 | 2,360 111 | 1,847 84 | 6,147 72 |
| Gramd Total ... | 782 | 1,808 67 | 4,560 156 | 37089 | 4,827 813 | 6,464 16 | 12,603 24 |

## FUNDS-continued.

Presidency of Bombay, including Sind, during the year 1891-92-continued.

| niticmers. |  | XXXII,-CIVIL WORKS. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Grow reoclpte. | Incal Canal recelpth. | Tolis on fertiee and roads. | Rent of bualldinge and limuls. | Balo of Narul buildingrs and lende. | Sale of buildinse and other property (othor than Nazul). | 8ale of stores and matertala. - | Miscollanoous, | Contributions, | . Total. |
|  | ...... ..... ..... ...... ...... | R4. a. p. <br> 13,831 1 10 <br> 8,960 8 8 <br> 20,729 9 4 <br> 3,021 0 0 <br> 23,674 14 10 <br> 75,707 b 7 | Ra, a p. <br> 2500 <br> 653120 $\qquad$ <br> ..... $\qquad$ <br> 24266 |  | Ras. a. $\mathbf{p}$. $\qquad$ $\qquad$ $\qquad$ $\qquad$ <br> 40000 | Rn. a. p. $\qquad$ <br> 30137 $\qquad$ $\qquad$ <br> 10150 $\qquad$ | Rs. an p. $1,040 \quad 11$ $\qquad$ $\qquad$ <br> 253116 <br> 23615 $\qquad$ | $\left.\begin{array}{rrr} \text { Rs. } & \text { a. } & \text { p. } \\ 4,380 & 3 & .3 \\ 16,924 & 10 & 1 \\ 8,616 & 1 & 9 \\ 12,173 & 14 & 9 \\ 20,147 & 5 & 3 \\ 3,287 & 6 & 6 \end{array}\right\}$ | Thes. a. p. <br> 18,77662 <br> 26,569 Il 11 <br> 24,345 ll 1 <br> 16,348 $10 \quad 3$ <br> $44,469 \quad 46$ <br> 79,237 27 |
| ...... | ...... | 1,46,304 710 | 02126 | ..... | 40000 | 41127 | 1,529 14 0 | 60,529 97 | 2,09,746 146 |
| ..... ..... ..... ..... ..... ..... | ..... $\ldots . .$. ..... ..... ...... | $\begin{array}{ccc} 84,826 & 15 & 7 \\ 45,224 & 6 & 9 \\ 14,095 & 15 & 5 \\ 22,071 & 12 & 10 \\ 32,381 & 6 & 8 \\ 10,486 & 8 & 8 \end{array}$ | $\begin{array}{ccc} 350 & 0 & 0 \\ 26 & 8 & 0 \\ \ldots \ldots . & \\ 98 & 13 & 0 \\ 72 & 0 & 0 \\ \ldots \ldots . \end{array}$ |  |  | $\begin{array}{rrr} 12 & 8 & 0 \\ 139 & 0 & 7 \\ 7 & 11 & 8 \\ \ldots & \ldots & \\ 1 \simeq 8 & 7 & 0 \\ 60 & 13 & 3 \end{array}$ | $\begin{array}{ccc} 17 & 14 & 1 \\ 46 & 0 & 0 \\ \ldots \ldots . . & \\ 108 & 11 & 0 \\ \ldots \ldots . . & \\ \ldots \ldots . & \end{array}$ | $\begin{array}{ccc} 2,907 & 11 & 3 \\ 5,348 & 1 & 2 \\ 9,071 & 14 & 0 \\ 1,362 & 11 & 9 \\ 1,893 & 6 & 6 \\ 7,610 & 4 & 0 \end{array}$ | 28,115 0 11 <br> 50,783 15 6 <br> 23,175 9 1 <br> 24,542 0 7 <br> 34,475 4 2 <br> 27,157 4 11 |
| ...... | ...... | 1,68,986 1111 | 64750 | ...... | ...... | 34988 | 17291 | 28,194 008 | 1,88,249 3 2 |
| ...... |  | 19,074 0 0 <br> 21,771 9 7 <br> 8,448 5 8 <br> 15,976 9 1 <br> 12,374 10 6 <br> 8,613 15 4 | $\cdots \cdots \cdot$  <br> $\ldots \ldots .$.  <br> $\ldots \ldots$.  <br> 514 5 0 |  |  | 2820 $\qquad$ <br> 026 <br> 318 8 $\qquad$ <br> 9113 | $\begin{array}{ccc} \cdots \cdots & \\ \cdots \cdots & \\ 0 & 2 & 0 \\ \ldots \ldots & \\ \ldots \ldots & \\ \ldots \ldots . \end{array}$ | $\begin{array}{ccc} 3,673 & 9 & 6 \\ 8,168 & 14 & 1 \\ 2,481 & 15 & 11 \\ 2,688 & 7 & 0 \\ 1,449 & 12 & 0 \\ 2,133 & 3 & 0 \end{array}$ | $\begin{array}{ccc} 22,775 & 11 & 6 \\ 29,940 & 7 & 8 \\ 10,930 & 10 & 1 \\ 19,210 & 8 & 10 \\ 14,224 & 6 & 5 \\ 10,768 & 18 & 7 \end{array}$ |
| ..... | - ...... | 86,259 21 | 52656 | ...... | ..... | 6930 | 020 | 20,995 186 | 1,07,850 101 |
| ..... ... ..... |  | $\left\{\begin{array}{ccc} -17,696 & 14 & 9 \\ 14,758 & 0 & 8 \\ 9,189 & 6 & 10 \\ \ldots \ldots & \\ 492 & 8 & 0 \end{array}\right.$ | $\cdots$ $\ldots$  <br> 47 8 0 <br> 560 8 0 <br> $\cdots \cdots$   <br> 6 0 0 |  | $21700$ |  |  | $\begin{array}{ccc} 500 & 0 & 0 \\ \ldots \ldots . & \\ \ldots \ldots . & \\ 45 & 12 & 0 \\ \ldots & . & \end{array}$ | $\begin{array}{rrr} 18,196 & 14 & 9 \\ 14,805 & 8 & 8 \\ 9,966 & 14 & 10 \\ 45 & 12 & 0 \\ 498 & 8 & 0 \end{array}$ |
| $\ldots$ | $\cdots$ | 42,138 143 | 61400 | ...... | ${ }^{-} 81700$ | ...." | .....* | 545120 | 43,513 10-3 |
|  | ...... | $14,33,707$ 4 1 | 2,608 130 | ...... | 61700 | 45981 | 1,702 91 | 1,10,265 3 | 5,49,360 60 |

(4).-Statement showing the income of the Local Boards in the


FUNDS-continued.
Prenidency of Bonbay, including Bind, during the year 1891-98-concluded.

(5).-Statement showing the expenditure of the Local Boards in the


FCNDS-continued.
Presidency of Bombay, including Bind, during the year 1891-92.

|  | 20.-POLICES. |  |  |  | 22.-Education. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fume |  |  |  |  | $\begin{gathered} \text { c } \\ \text { Grante } \\ \text { to } \\ \text { Univoro } \\ \text { sity. } \end{gathered}$ | Infooc | Manymincei and mathointat. |  |  |  |  |
| Total. | Ertan menta. | Contin. scucics | $\left\{\begin{array}{c} \text { Refunde of } \\ \text { cattleppound } \\ \text { collectlous. } \end{array}\right.$ | Total. |  |  | Tralning and apecial schoola. | High achootic | Middile achoola | Primars cohoots. | Total. |
| In. an pr |  |  |  |  |  |  | Ra. a. p. |  | Rs. a. p. | Rs. An p. | Re. at p. |
| 4,911 77 | -." | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | .....4 | $\cdots$ | .....* | 62,647 0 0 8 | $62,647 \bigcirc 8$ |
| 8,214 011 | $\cdots$ | $\cdots$ | ** | ..* | $\ldots$ | $\cdots$ | ..... | ... | ...* | 66,783 109 | 66,783 109 |
| 1,694 311 | $\cdots$ | $\cdots$ | -: | ** | $\ldots$ | $\ldots$ | ...... | $\cdots$ | ...... | 20,941 011 | 20,941 011 |
| 4,846 148 | $\cdots$ | $\cdots$ | ... | ... | ... | $\cdots$ | . ${ }^{\text {c... }}$ | ... | ...... | 63,062 120 | 63,062 120 |
| 0,356 517 | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | ...... | $\cdots$ | ....." | $\begin{array}{llll}78,997 & 2 & 3\end{array}$ | 78,997 23 |
| 8,400 11 4 | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 55500 | 44,099 148 | 44,654 148 |
| 31,713 120 | $\cdots$ | $\cdots$ | ** | $\cdots$ | $\cdots$ | $\cdots$ | ..-.. |  | 6550 | 3,36,531 9 | 3,37,086 93 |
| 0,160 20 | $\cdots$ | $\cdots$ | $\cdots$ | ** | ... | $\cdots$ | ...... | $\cdots$ | ...... | 54,463 $13 \quad 2$ | 54,468 132 |
| 12,673 53 | $\cdots$ | $\cdots$ | ... | .. | $\cdots$ | ... | 3,564 710 | ... | 28800 | 86,988 112 | 90,841 30 |
| 7,276 014 | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | ...* | $\cdots$ | ...... | 50,981 00 | 60,981 09 |
| 3,898 288 | $\cdots$ | $\cdots$ | $\cdots$ | ... | $\cdots$ | $\cdots$ | .....' | $\cdots$ | ...... | 48,622 614 | 48,622 64 |
| 8,05582 | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | $\cdots$ | ...... | ... | ... .* | 64,506 1211 | 64,506 1211 |
| 404086 | $\cdots$ | $\cdots$ | $\cdots$ | -* | $\cdots$ | ... | ...... | $\cdots$ | ...... | 40,422 1211 | 40,422 1211 |
| 42,103 1111 | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | 3,564 710 | ... | 28800 | $3,45,985 \quad 9 \quad 3$ | 3,49,838 11 |
| 5.148 | ... | :- | ... ${ }^{\text {c }}$ | .. | $\cdots$ | $\ldots$ | ...7. | ... | ... | 68,399 65 | 68,399 52 |
| $8,622 \mathrm{C} 0$ | $\cdots$ | ... | ... | ..- | ... | ... | *... | ... | 54199 | 94,217 001 | 94,758 910 |
| 4,004 147 | $\cdots$ | $\cdots$ | ... | ... | ... | $\cdots$ | .....* | ... | ..... | 69,117 910 | 59,117 910 |
| 5,202 137 | $\cdots$ | $\cdots$ | -* | ... | ... | $\cdots$ | . | ** | ...... | 84,943 10 4 | 84,943 $10 \quad 4$ |
| 5,994 1510 | ... | $\cdots$ | ... | *- | $\ldots$ | $\cdots$ | 8,843 5 | $\cdots$ | ...... | 47,988 28 | 66,832 88 |
| 8,825 111 | $\cdots$ | $\cdots$ | $\cdots$ | ... | ... | $\cdots$ | .....* | ... | ...... | 35,554 210 | 85,554 210 |
| 37,638 $15 \quad 5$ | $\cdots$ | $\cdots$ | ... | ... | $\ldots$ | $\cdots$ | 8,843 5 8 | $\cdots$ | 54199 | 3,40,220 14.9 | 8,49,605 142 |
| 4.458124 | $\cdots$ | $\cdots$ |  | ... | ... | ... | 1,641 83 | ... | .. | 18,770 010 | 20,411 91 |
| 839000 | ... | ... | 10000 | 1000 | ... | ... | 7,064 105 | ... | 1,756 00 | 40,961 810 | 49,782 3 3 |
| 6.572 2 0 | $\cdots$ | $\cdots$ | ... | ... | ... | ... | 37000 | ... | .. | 44,104 511 | - 44,474 5 11. |
| 290487 | $\cdots$ | $\cdots$ | ... | $\cdots$ | ... | ... | 11000 | ... | $\ldots$ | 10,153 121 | 10,263 121 |
| 2.63572 | $\ldots$ | $\ldots$ | ... | ... | ... | $\ldots$ | ...... | ... | ...... | 16,207 1310 | 16,207 1210 |
| 21,0ss 141 | $\cdots$ | $\cdots$ | 1000 | 3000 | $\cdots$ | $\cdots$ | 9,186 28 | ... | 1,756 00 | 1,30,197 86 | 1,41,139 112 |
| 1,33,595 505 | ... | ... | 1000 | 1000 | ... | $\cdots$ | 21,594 02 | ... | 3,140 99 | 11,52,935 99 | 11,77,670 38 |

(5).-Statement showing the expenditure of the Local Boards in $t$ h


FCNDS-continued.
Presidency of Bombay, including Eind, during the year 1891-92-continued.

F.\&LOCAL
(5.)-Statoment showing the expenditure of the Local Boards in the


FCNDS-continued.
Preeilency of Bumbay, including Sind, during the year 1891-92-continued.


App. V. F. (5).]
(5).-Statenont showing the expenditurs of the Local Boards in the


## FCNDS-continued.

Preridency of Bombay, including Sind, during the year 1891-92-continued.

(6).-Statement showing the expenditure of the Local Boards in the


FUSDS-continued.
Prasidency of Bombay, including Sind, during the year 1891-92-continued.

| 45.-CIVIL WORES-continucd. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Is crataz os Punic wores omitan. |  |  |  |  |  |  |  |  |
| Orisimal Workc. |  |  | Rogatre . |  |  |  | Establishment and contingenciea appertaining to Pablic Workh | Tools and plant |
| Commanlentions, |  | Total. | Crill bullaiogro- | Communications, | $\begin{gathered} \text { Miscelianeous } \\ \text { pabilic } \\ \text { tmprovenents. } \end{gathered}$ | Total. |  |  |
| $\begin{array}{rrr} \text { F.e. } & \text { a. } & \text { p. } \\ 10,238 & 2 & 1 \\ 44,156 & 10 & 0 \\ 7,681 & 13 & 4 \\ 9,493 & 15 & 7 \\ 6,593 & 0 & 5 \\ 51,205 & 2 & 0 \end{array}$ | Be. 3. p. <br> essese <br> 52511 $\qquad$ $\qquad$ $\qquad$ | 18 m 2 $\ldots$ <br> 10,238 2 1 <br> 46,288 6 8 <br> 11,739 2 2 <br> 9,985 2 9 <br> 11,676 14 5 <br> 51,250 1 8 | Rs. an p. <br> 89713 9 $\qquad$ <br> ...... <br> 2691511 <br> $1,135 \quad 15 \quad 8$ | Rs. an p. 28,810 1511 38,987 29 15,752 11 $22,075 \quad 0 \quad 2$ 30,421 810 $\begin{array}{lll}65,782 & 8 & 2\end{array}$ | Ra. a. p. ...... ... .. ...... ...... -0.p.en 24778 | Re. a. p. <br> 28,810 15 11 <br> 39,865 0 6 <br> 15,752 1 1 <br> 22,075 0 2 <br> 30,691 $: 8$ 9 <br> 67,166 0 6 | $\begin{array}{ccc} \text { Rs. } & \text { a. } & p . \\ 4,685 & 14 & 4 \\ \ldots \ldots \ldots & \\ 2,052 & 11 & 3 \\ 3,978 & 2 & 3 \\ 5,269 & 15 & 8 \\ 14,317 & 10 & 8 \end{array}$ | $\begin{array}{ccc} \mathrm{Ra}, & 2 & \mathrm{p}_{0} \\ \ldots \ldots . & \\ 1,056 & 13 & 3 \\ 386 & 5 & 2 \\ \ldots \ldots . & \\ \ldots \ldots & \\ 699 & 9 & 10 \end{array}$ |
| 1,29,318 116 | 52811 | 1,41,177 129 | 2,303 134 | 2,01,800 511 | $247 \quad 78$ | '2,04,360 1011 | 30,304 6 O | 2,142 123 |
| $\begin{array}{rrr} 14,565 & 12 & 6 \\ 41,607 & 9 & 4 \\ 11,145 & 2 & 7 \\ 12,053 & 1 & 9 \\ 23,042 & 14 & 8 \\ 178 & 12 & 0 \end{array}$ | $\square$ | 25,778 12 10 <br> 49,885 4 4 <br> 11,462 7 8 <br> 12,908 13 9 <br> 37,006 6 5 <br> 2,791 8 2 | $\begin{array}{ccc} 1,577 & 4 & 7 \\ \ldots \ldots . & \\ 670 & \& & 0 \\ \ldots \ldots . & \\ \ldots . . . & \\ 99 & 12 & 8 \end{array}$ | 48,189 4 6 <br> 69,052 9 7 <br> 25,900 2 3 <br> 60,033 1 1 <br> 63,073 6 9 <br> 14,412 1 11 |  | 49,766 9 1 <br> 69,052 9 7 <br> 26,570 4 3 <br> 50,033 1 1 <br> 63,073 6 9 <br> 14,511 14 7 | $\begin{array}{rrr} 1,429 & 0 & 8 \\ 15,611 & 6 & 11 \\ 4,615 & 14 & 4 \\ 7,554 & 13 & 10 \\ 10,820 & 12 & 2 \\ 2,110 & 7 & 2 \end{array}$ | -34 2 5 <br> 4,766 14 4 <br> 849 9 11 <br> $\ldots$ $\ldots$  <br> 1,993 4 9 <br> 498 7 2 |
| 1,02,593 $\leq 10$ | .....' | 1,42,829 $\quad 5 \quad 2$ | 2,347 3 | 2,60,660 101 | ...... | 2,63,007 $13 \quad 4$ | 42,135 7 | 8,07419 |
| $\begin{array}{rrr} 74,441 & 9 & 2 \\ 8,849 & 6 & 9 \\ 7,864 & 8 & 6 \\ 6,039 & 14 & 1 \\ 3,645 & 8 & 5 \\ 21 & 1 & 0 \end{array}$ |  | $\begin{array}{cccc}79,278 & 10 & 4 \\ 11,235 & 0 & 0 \\ 11,329 & 0 & 2 \\ 6,039 & 14 & 1 \\ 7,307 & 2 & 4 \\ 2,384 & 8 & 10\end{array}$ |  | $\begin{array}{ccc} 21,438 \cdot 12 & 9 \\ 54,048 & 3 & 8 \\ 25,231 & 13 & 7 \\ 14,632 & 12 & 7 \\ \ldots \ldots . . & \\ 6,403 & 3 & 2 \end{array}$ | $35511$ $\qquad$ $\qquad$ $\qquad$ $\qquad$ | $\begin{array}{rrr} 21,438 & 12 & 9 \\ 54,403 & 4 & 9 \\ 25,231 & 13 & 7 \\ 14,632 & 12 & 7 \\ 356 & 14 & 0 \\ 6,542 & 11 & 6 \end{array}$ | $\begin{array}{rrr} 13,424 & 2 & 0 \\ 9,502 & 14 & 2 \\ 5,253 & 5 & 8 \\ 2,547 & 9 & 1 \\ 943 & 10 & 0 \\ 1,657 & 7 & 8 \end{array}$ | $\begin{array}{ccc} 1,193 & 1 & 0 \\ 3,744 & 9 & 6 \\ \ldots \ldots & \\ \ldots \ldots . & \\ \ldots \ldots . & \\ -14 & 13 & 0 \end{array}$ |
| 1,00,661 1511 | ...... | 1,17,568 14 9 | 4966 | 1,21,754 139 | 3551 | 1,22,606 51 | 33,29407 | 4,922 136 |
| $\begin{array}{rrr} 4,970 & 9 & 1 \\ 9,695 & 14 & 4 \\ 20,564 & 9 & 8 \\ 3,912 & 8 & 1 \\ 1,492 & 12 & 6 \end{array}$ | $\ldots$ | $\begin{array}{rrr} 7,008 & 12 & 1 \\ 13,809 & 11 & 8 \\ 23,164 & 7 & 4 \\ 6,059 & 15 & 0 \\ 1,492 & 12 & 6 \end{array}$ | $\ldots$   <br> 368 7 4 <br> $\ldots . .$.   <br> 48 4 11 <br> $\ldots . .$.   | $1,464110$ <br> ...... $\qquad$ $\qquad$ |  | $\begin{array}{cccc} 1,464 & 11 & 0 \\ 268 & 7 & 4 \\ \ldots \ldots . & & \\ 48 & 4 & 11 \end{array}$ | $\begin{array}{rrr} 1,085 & 4 & 7 \\ 1,366 & 12 & 3 \\ 2,894 & 8 & 2 \\ 732 & 15 & 10 \\ 179 & 9 & 2 \end{array}$ |  |
| 40.6365 | ...... | 51,635 107 | 316123 | 1,464 110 | ...... | 1,781 73 | 6,258 110 | ...... |
| 3,73,410 510 | 62511 | 4,53,111 113 | 5,464 3 | 6,85,689 $8 \quad 9$ | 60289 | 5,91,756 48 | 1,11,982 888 | 15,139 116 |

(5).-Slatement showing the expenditure of the Local Boards in the


YMDS-concluded.
Pitinlary of Bembay, including Sind, during the year 1891-92-concladed.

(5).-Statement showing the expenditure of the Local Boards in the


Fl.NDS-meluded.
Previdncy of Bombzy, incluling Sind, during the year 1891-32-coneladed.






| 1 | s |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dimatas. | MUNIMPAL RATES AND TAXES-matinund. |  |  |  |  |  | realizations oxdel sprctal aots. |  |  |  |  |  |  |  |  |
|  | Otura taxa-contiound. |  |  |  |  |  | From Poupde | Froro $\underset{\substack{\text { Hackney } \\ \text { carriangen }}}{ }$ |  | Fhox ornes movera. |  |  |  |  | Tola. |
|  |  |  |  |  | Totel. | Toas. |  |  |  | Iocal con |  | Usenve for converuvico. | $\begin{gathered} \text { Punitlve } \\ \text { Pollot Poat } \\ \text { Cese. } \end{gathered}$ | $\xrightarrow{\text { racelmaduon }}$ |  |
|  | $\begin{gathered} \text { Ra, a }^{\prime} \mathrm{p} \\ \cdots \cdots . . \\ \cdots \cdots \cdots \\ \cdots \cdots . . \\ \cdots \cdots \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  | $\begin{array}{\|c} \text { Re a p } \\ \cdots \\ \cdots \\ \vdots \\ \hline \end{array}$ |  |  |  |  |
|  | - | 13,7610 |  | …) | 97,208: 1 | 9.12,067 112 | 0,11042 | 1,071148 | 11780 | -.... | -....- | -.... | 110111 | - | 10,47818 |
|  | $\cdots$ | $\cdots$ |  | $\stackrel{\square}{\square:}$ |  |  |  |  | 20 0  <br> 20 0  <br> 5 0 0 <br> 50 0  <br> 30 0  <br> 50 0 0 <br> 0 0 0 |  |  | $\cdots$ | ㅍ.4. | $\cdots$ |  |
|  | $\cdots$ | $\cdots$ | $\cdots$ | - | 20.235 30 | $8.80,9812$ | 11,50150 | 278 | 1400 | 323811 | 400 | 280 | $\cdots$ | $\cdots$ | 11,883 68 |
|  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  |  |  |  | $\square$ | $\cdots$ | $\cdots$ | $\stackrel{\square}{\square}$ | $\stackrel{\square}{\square}$ | $\stackrel{\text { - }}{\cdots}$ |  |
| Tout | 00 | $\cdots$ |  | $\cdots$ | 14,21169 | ${ }^{8,10,115}$. 78 | 3,81320 | 28818 | 2450 | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | 1,621 1 |
| Kentelu . ... ... | $\cdots$ | $\cdots$ | $\cdots$ | 31600 | 8100 |  | 1,21368 |  | 500 |  |  | $\cdots$ |  | 48300 | 231168 |
| Hyldertisa .-. -- ... | ..... | $\cdots$ | ..... | $\ldots$ | $\cdots$ |  | 1,755 120 | $\cdots$ | as 0 | ..... | $\ldots$ | ..... | $\cdots$ | ....- | 1,800 1: 0 |
| shikerpur i. ... ... | ..... | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | coser | 4,825 311 | 8700 | 1000 | ..... | ..... | $\cdots$ | ...... | $\ldots$ | 408811 |
| Thar and Pitiar .-. -- | ..... | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | cin | 128170 | - | 1000 | ..... | - |  | ..... | $\cdots$ | 1,201 +10 |
| Oppoe Sind Frontier | $\cdots$ | $\cdots$ | .... | $\cdots$ |  |  |  |  |  |  |  | $\ldots$ | $\cdots$ |  |  |
|  |  | $\cdots$ | ..... | 31000 | 11600 | ${ }^{8,78,373} 8$ | 9,775 13 s | 8700 | 000 | .... | ..... | . | $\cdots$ | 2500 | nusis 18 |
| easd total | 6 | 16 |  |  |  | 9:78, 72411 ө |  |  |  |  |  |  |  |  |  |



| Tocal | ..... | - | -7.. | -- | ....- |  | - |  | 2570 | 6,179 O | 5,019 | 8,4912 12 | 8015 | 74810 | ....- | 1,80,61 6 |
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| Soutiom Dinirime |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | sile | $\cdots$ |  |  |  |  | -- | - |  | 254 1011 | ${ }_{8010}^{20818} 80$ |  | $\cdots$ | $\cdots$ | $\cdots$ | 18, 188080 |
| в bijbpur $\cdots \cdots \quad . .$. | 51. | $\cdots$ | $\cdots$ | - |  | $\cdots$ | $\cdots$ | $\cdots$ |  |  | 11980 | - | $\cdots$ | ...... | … | di, 1 ¢ ${ }^{\text {a }} 1$ |
|  | … | - | ..... | 20.0 | 88. | 280 | 90 | $\cdots$ | 10156 | 10978 | ${ }^{87} 198$ | 245100 | $\cdots$ | ….. | $\cdots$ | 8,0,13 ${ }^{8}$ |
|  | 1370 | $\cdots$ | Tr | $\cdots$ | - |  | \% 00 | $\because$ | 300 | 141 13 \% |  | $\cdots$ | $\cdots$ | 18180 | $\cdots$ | 7,359 ${ }^{\text {a }} 1$ |
| Total | 158190 | - | $\cdots$ | 2900 | 8809 | 140 | 9800 | ..... | 15150 | 1,588 127 | 1,077 16 3 | cos 76 | ...... | 19160 | ....* | 00,078 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 01,411485 |  |  |  |  |  |  | 01,889 ${ }^{2} 8$ |  |  | 1200 |  |  | 2.as. 120870 |
|  |  |  | $\cdots$ | $\cdots$ | - | $\cdots$ | $\cdots$ | $\cdots$ | (a) 15,488 |  | ${ }_{1} 0 \times 1818$ |  | $\cdots$ | $\cdots$ | $\cdots$ | ${ }^{10}$ |
|  | $\cdots$ | - | .-. | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ |  |  | 1880 780 | 1380 | ... | $\ldots$ | - |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Send Totat ... |  | $0 \cdot$ | 01,31114 s | $\cdots$ | ..... | - | $\cdots$ | ..... | 19,088 11 | 80, 51510 | 4,005 107 | 7,085 01 | 1800 | ..... | ..... | 209,433 1 10 |
|  | 18812 | $\infty 0$ | 61,31146 | 200 | S6 90 | $\leq 0$ | 8800 | 2,000 3 3 | 10,008 8 11 | ces 608188 | 10,837 1631 | ¢,771 18 c | 274 141 | 2006 610 | 24100 | noruse 1 |



G.-MUNICIPAL REVENUES-continued.


App. V. G. (2).]
hombat adyinistration report.
[1501.52.
-
G.-MUNICIPAL
(2).-Statement showing the expenditure of the Mfunicipalities

| 1 | 8 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Districta. |  | Collection of tixes includiry houses putchate of mocount book! and paper. money-bux poats, da.). | Collection of tolle on roade cond ferrien. | surver of had. | Prefunde. | Pomane and Gratustien. | Total. | Pire (Estahlistiment purchane of buck +ta. repalre, ach. | Lidhting (E) Rathentwent purcilase of ramentin, dic., |
| Northern Divicion. <br> Ahmoalbed ... <br> Kaire ... ... <br> Panch Mahals <br> Broech <br> morat ... ... .. <br> Thatran |  |  | $\begin{array}{ccc} \text { Ras } & 2 & \text { p. } \\ 898 & 0 & 8 \\ 84 & 0 & 0 \\ 851 & 10 & 8 \\ \hline \cdots . . . & \\ 8,065 & 6 & 8 \\ 879 & 7 & 4 \end{array}$ |  | $\begin{array}{\|rrr} \hline \text { Rac } & \text { a } & p \\ 7,070 & 0 & 0 \\ 8,848 & 0 & 1 \\ 188 & 0 & 0 \\ 10,886 & 18 & 7 \\ 7,808 & 15 & 1 \\ 4,750 & 8 & 8 \end{array}$ | gin. an p. 10512 … ...... eneep 800 80. $8: 4$ |  | $\begin{array}{rrr} \text { Ra. } & \text { an } & \text { p. } \\ 3,087 & 7 & 1 \\ 414 & 8 & 0 \\ 1888 & 15 & 8 \\ 2,808 & 0 & 0 \\ 10,007 & 4 & 8 \\ 885 & 11 & 0 \end{array}$ |  |
| Toul | 60,531 77 | 47,117 410 | 6,465 07 | 3,48 90 | 84,160 211 | 97842 | 1,47,023 287 | 80,801 B | 00,408 162 |
|  | $\begin{array}{ccc} 8,470 & 8 & 10 \\ 12,767 & 0 & 0 \\ 7,485 & 16 & 2 \\ 21,848 & 8 & 8 \\ 10,40 & 10 & 8 \\ 10,988 & 16 & 4 \end{array}$ | $\begin{array}{cccc} 4,901 & 11 & 1 \\ 0,0058 & 7 & 10 \\ 12,176 & 14 & 7 \\ 25,770 & 1 & 6 \\ 8,280 & 0 & 4 \\ 12,816 & 7 & 7 \end{array}$ | $\begin{array}{ccc} 50 & 10 & 8 \\ 2,520 & 18 & 6 \\ 180 & 0 & 0 \\ \ldots . . . . & \\ \hline \ldots .0 & & \\ 2,710 & 5 & 5 \end{array}$ |  | $\left.\begin{array}{rrr} 1,808 & 11 & 0 \\ 0,850 & 8 & 0 \\ 3,576 & 18 & 0 \\ 1,050 & 11 & 7 \\ 371 & 0 & 3 \\ 861 & -0 & 0 \end{array} \right\rvert\,$ |  | $\left.\begin{array}{c\|ccc} 12,054 & 5 & 7 \\ 128,208 & 9 & 8 \\ 25,387 & 11 & 6 \\ 48,067 & 0 & 8 \\ 30,017 & 8 & 9 \\ 98,877 & 19 & 4 \end{array} \right\rvert\,$ | $\begin{array}{rll} 0008 & 16 & 6 \\ 1,726 & 14 & 4 \\ 140 & 16 & 8 \\ 0,750 & 0 & 8 \\ 1,800 & 6 & 9 \\ 3,085 & \text { i } & 0 \end{array}$ | $\left.\begin{array}{rrrr}8,031 & 1 & 4 \\ 10,000 & 8 & 2 \\ 0,297 & 9 & 10 \\ 23,108 & 18 & 10 \\ 8,018 & 8 & 10 \\ 7,840 & 14 & 6\end{array}\right\}$ |
| Total ..- | 60,639 12 c | 72,096 112 | 6,678 15 | 1,182 $\geq 0$ | 14,112 0 | 1,489 6 | 1,01,008 141 | 13,070 ; 3 |  |
|  | 2,187 6 0 <br> 0,117 0 8 <br> 2,308 6 1 <br> 3,318 0 10 <br> 3,148 16 0 <br> 2,17 11 10 | в,Qes в <br> 20,719 18 : <br> 5,014 38 <br> 4,500 76 <br> 3,407 7 © <br> 2,486 16 , | 1,107 154 ...... 20014 850.8 18528 |  | $\begin{array}{ccc} 9 & 6 & 0 \\ 3,868 & 7 & 0 \\ 118 & 11 & 6 \\ \ldots . . .0 & \\ 78 & 0 & 8 \\ 41 & 18 & 10 \end{array}$ |  | $\left.\begin{array}{ccc} 10,888 & 1 & 8 \\ 31,801 & 10 & 8 \\ 8,880 & 8 & 8 \\ 7,785 & 15 & 8 \\ 9,073 & 0 & 9 \\ 4020 & 11 & 8 \end{array} \right\rvert\,$ | $\begin{array}{ccc}180 & 8 & 0 \\ 1,030 & 0 & 4\end{array}$ <br> 1701610 2430 29414 1 | $\begin{array}{lll} 2,781 & 10 & 7 \\ 3,018 & 0 & 1 \\ 2,042 & 2 & 7 \\ 2,500 & 0 & 0 \\ 2,000 & 5 & 3 \\ 2,120 & 8 & 7 \end{array}$ |
| Total | 21,269 86 | 88,900 101 | 1,739 91 | 508 00 | 8,000 000 | 204 00 | 00,841120 | 1,8\%0 200 | 18,528 29 |
| Karicbl <br> Byderibad ... <br> Rlaikerpur ... ... <br> Thar and Pírkar ... <br> Upper Mlod Yroatiar. | $\left.\begin{array}{rrr} 38,787 & 10 & 10 \\ 8,584 & 0 & 0 \\ 16,671 & 15 & 2 \\ 825 & 0 & 0 \\ 1,267 & 1 & 3 \end{array} \right\rvert\,$ | $\begin{array}{rlll} 10,41 & 10 & 10 \\ 0,248 & 0 & 0 \\ 18,04 & 8 & 0 \\ 94 & 7 & 3 \\ 9,270 & 2 & 4 \end{array}$ | $\cdots$ | $\begin{array}{ccc} 2,860 & 1 & 9 \\ 1,068 & 0 & 4 \\ \ldots . . & \\ \ldots . . . & \\ \ldots . . . & \end{array}$ | $\begin{array}{rrr} 1,104 & 0 & 0 \\ 413 & 7 & 7 \\ 4 & 1 & 0 \\ \ldots \ldots \ldots & \\ \ldots \ldots & \end{array}$ |  | $\left.\begin{array}{ccc} 65,156 & 10 & 8 \\ 17,158 & 9 & 8 \\ 38,510 & 1 & 11 \\ 1,186 & 7 & 3 \\ 4,628 & 6 & 7 \end{array} \right\rvert\,$ | 1,048 148 9600 884158 ....... *erne | $\left.\begin{array}{rrr\|} 18,409 & 16 & 1 \\ 7,408 & 10 & 1 \\ 18,701 & 18 & 0 \\ 201 & 0 & 0 \\ 1,200 & 2 & 4 \end{array} \right\rvert\,$ |
| Total | 68,766 11.15 | 40,019810 | ... | 6,000 21 | 1,001 O 7 | 2,43 38 | 1,17,610 88 | 2,124 141 | 11,3010 0 |
| Gund Total | 2,00,100 70 | 1,08,783 811 | 12,078 01 | 11,028 137 | 63,701 137 | 4,5412 11 | 4,87,046 119 | 37,627 | 1,88, 6 CN 10 ( |

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REVESUES-mmoinsed.
in the Frwidency of Bombay, inctuding Sind ${ }_{2}$ during the year 1891-32.



## REVENEES-continued.

in the Presidency of Bomkay, including Sind, during the year 1531-93-continued.

|  | 8 |  |  |  | $\leqslant$ |  | \% | - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Complizetors | Yementrove: |  |  |  |
| Total | Sctuon and | Contribationa. |  | Tonal | For maend parpoeme |  |  | Decourat. | Actral eop of privite indirideal |
|  |  |  |  |  |  |  |  | Re. an |  |
| 2.3693 12. | 2.85,06 100 | 120085 | 2,808 \% 0 | 1,00,174 78 | 2,725 4 | 2090. | 00.5816 11 | - | 13 |
|  | 22,998 5 8 <br> 0,320 15 7 <br> $22,15 \%$ 0 2 <br> 20,500 1 0 <br> 21,002 8 11 <br> $2,1: 4$ 12 2 | $\begin{array}{rrr} 2,300 & 0 & 0 \\ 005 & 15 & 7 \\ 000 & 0 & 0 \\ 3,882 & 7 & 8 \\ 44 & 0 & 0 \\ 4,460 & 0 & 0 \end{array}$ | $\begin{array}{ccc} 50 & 3 & 9 \\ 1,005 & 12 & 0 \\ 250 & 0 & 0 \\ 10 & 0 & 6 \\ 30 & 14 & 10 \\ 60 & 0 & 0 \end{array}$ |  | $\begin{array}{ccc} 950 & 0 & 0 \\ 105 & 3 & 0 \\ \hline 2,55 & 15 & 0 \\ 1,007 & 6 & 0 \end{array}$ | M- |  | $\begin{array}{cc}- & \\ - & \\ -\infty \\ \text { H } 10 & 6 \\ - & . \\ -\ldots & .\end{array}$ | 141s 1589 <br> 45810. <br> 078 <br> 58510 |
| 0.4.101 72 | 1,04,780 114 | 10,185 50 | 2,461 011 | 1,3,546 7 d | 4,050100 | 2,850 60 | 25,000 911 | H 106 | 1,189 28 |
| 58,04138 <br> 9, 1ve 1 B <br> 35,645 0 20 <br> 으나 11 . <br> 15,516 3 : <br>  | $\begin{array}{cccc} 18,880 & 5 & 8 \\ 38,200 & 13 & 9 \\ 14,008 & 7 & 8 \\ 9,086 & 13 & 7 \\ 11,500 & 2 & 1 \\ 18,773 & 7 & 5 \end{array}$ | $\begin{array}{ccc} 000 & 12 & 3 \\ \cdots & & \\ \hline 20 & & \\ 7,064 & 8 & 0 \\ 746 & 0 & 0 \\ 507 & 28 & 0 \end{array}$ |  |  |  | - |  | $\cdots$ |  |
| 247308 12 z | 1,06,078 3 | 2.05516 | 1,004 00 | 1,18818 22 | soe 46 | 178120 | 4.sss 11 | -.... | - |
|  | $\begin{array}{ccc} 23,983 & 9 & 11 \\ 21,181 & 11 & 5 \\ 61,406 & 3 & 11 \\ 8,508 & 11 & B \\ 6,10 e & 5 & 5 \end{array}$ | $\left\{\begin{array}{lll}10,250 & 0 & 0 \\ 1,730 & 0 & 0 \\ 2,410 & 0 & 0 \\ \cdots & 28 & 0\end{array}\right.$ | $\begin{array}{\|ccc\|} \hline 2,370 & 5 & 0 \\ 661 & 12 & 8 \\ 2057 & 15 & 6 \\ \ldots & \\ \ldots & & \end{array}$ |  |  | $\begin{array}{cc}100 & 0 \\ - \\ - \\ - & \\ - & \\ - & \end{array}$ | $\begin{aligned} & 98,008 \\ & -\infty \\ & -\infty \end{aligned}$ | $\begin{array}{ccc} 1, \Delta 00 & 910 \\ \ldots & \\ \ldots & \\ \ldots & \\ \ldots & \\ \ldots \end{array}$ | $\cdots$ |
| acisex 140 | 1,00,204 101 | 2,018 - 0 | 30,250 20 | 1,06,008 12 | 4334500 | - 10000 | 2900 80 | 1,430 910 | - - |
| 23,50,015 16 | (0x®-49 2 | - 6.8258 | 37,19130 12 | 9,31,480 | 30,560 | 2880784 | 1,00,054 7 7 | 1,401 6 | 1,196 510 |

8 741-66ap
$\therefore$ G.-MINNICIPLAL
(2).-Statement showing the erpenditure of the Municipalities


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REVENUES-continued.
in the Eombay Presilency including Sind, during the year 1891-9\%-conciaded.


## G．－MCNICIPAL

（9）．－Statement showing tho Quantity or Valub of the Principal Articles imported into，and taxed ly，the severcl

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| Dintrictas． |  | Onim． |  |  |  |  | 90048． |  |  |  |  |
|  |  |  |  |  |  |  | $\frac{1}{8}$ 最 $\frac{!}{6}$ |  | $\begin{aligned} & \text { 新 } \\ & \text { 槀 } \\ & \frac{7}{4} \end{aligned}$ |  |  |
|  | $\begin{gathered} 101,065 \\ 80,110 \\ \ldots \\ 50,800 \\ 159,800 \\ 60,288 \end{gathered}$ |  |  | Ma．．1． t ． <br> $1,308,2872040$ <br> 180，884 10 o $\qquad$ <br> 791，74 $\boldsymbol{2 4} 60$ <br> 750，598 0 o <br> 50，688 3184 |  |  | Md．a． t ． 40，828 2870 $14,600.2800$ ．．．．． 20，254 $27<0$ 48,7002078 －8，040 880 |  | Md．e．t 40，854 2870 ． $7,705 \$ 00$ ．．．．． 18，451 27 ＋0 87，544 3078 3，040 $\mathbf{2 8}$ |  | yda， 2.6 <br> 01011 <br> 01048 <br> ．．． <br> 01212 <br> 010 as <br> 0.6 |
| Total | 488，64 | 8，3 | 200，000 as | 8，000，907 2454 | 04，00s 1 | 73048 | 181，028 0 | ，850 10 of | 118，807 808 | ，481．19 | $01020$ |
|  | 46，706 <br> 00，602 <br> 88，788 <br> 150，772 <br> 81，726 <br> 20，001 |  | $\begin{array}{rrr\|} 106 & 24 & 0 \\ 08,904 & 0 & 0 \\ 7,054 & 0 & 0 \\ 218,826 & 0 & 0 \\ 277 & 0 & 0 \\ - & & 0 \end{array}$ | $\begin{array}{rrrr} 602,790 & 2 & 0 \\ 496,700 & 88 & 0 \\ 200,000 & 10 & 0 \\ 1,214,004 & 35 & 11 \\ 430,405 & 83 & 0 \\ 060,025 & 0 & 0 \end{array}$ |  |  | 14,819 10 0 <br> 81,083 10 0 <br> 28,167 20 0 <br> 68,796 12 30 <br> 0,018 4 0 <br> 0,974 12 0 |  | 16,812 10 0 <br> 20,487 20 0 <br> 20,000 0 0 <br> 12,779 12 36 <br> 8,670 14 0 <br> 0,208 1 0 |  | 01240 <br> 02 01348 01131 <br> 0 © 17 <br> 0875 |
| Totad | 621，179 | 4872，788 2211 | 222，145 26 | 4000，410． 88111 | 1，28，008 06 | 788 | 141，000 27 | 20，280 10 of | 218，301 1788 | 10，810 | 002 |
| Southorm Diotion． | 71,182 180，281 <br> 01，400 <br> 56，607 <br> 4， 5,183 <br> 0，186 |  |  | 404,622 0 0 <br> 608,163 0 0 <br> 341,42 0 0 <br> 30,467 0 0 <br> 211,050 0 0 <br> 200,808 0 0 |  |  | $\begin{array}{rrr} 186,501 & 0 & 0 \\ 70,168 & 0 & 0 \\ 12,206 & 0 & 0 \\ 8,600 & 0 & 0 \\ 17,004 & 0 & 0 \\ 7,011 & 0 & 0 \end{array}$ | $\left.\begin{array}{rrr} 32,721 & 0 & 0 \\ 23,481 & 0 & 0 \\ 88 & 0 & 0 \\ 258 & 0 & 0 \\ 7,228 & 0 & 0 \\ 760 & 0 & 0 \end{array} \right\rvert\,$ | $\begin{array}{ccc} 102,348 & 0 & 0 \\ 20,074 & 0 & 0 \\ 11,268 & 0 & 0 \\ 8,502 & 0 & 0 \\ 10,771 & 0 & 0 \\ 0,881 & 0 & 0 \end{array}$ |  | $\begin{array}{lll} 1 & 1706 \\ 0 & 14 & 71 \\ 0 & 78 \\ 0 & 520 \\ 0 & 20 \\ 0 & 01 \end{array}$ |
| Totel ．．－ Shad． | 400，554 | 3，272，866 0 O | 191，278 00 | 2，081，008 000 | 64，030 1200 | 5860 | 257，518 00 | 05，408 0 of | 191，016 00 | 10，370 O 141 | 01643 |
|  | $\begin{array}{r} 80,302 \\ 110,208 \\ 6,008 \\ 12,807 \end{array}$ |  | $\left.\begin{array}{rrr\|} 1,319,760 & 80 & 4 \\ 221,514 & 11 & 0 \\ 156,905 & 30 & 0 \\ 12,081 & 38 & 0 \\ 48,563 & 0 & 0 \end{array} \right\rvert\,$ | 600，247 3247 607，151 8600 283，758 110 47，045 2720 <br> 102，259 <br> ass | $\left\|\begin{array}{ccc} 40,650 & 15 & 20 \\ 80,654 & 15 & 7 \\ 17,107 & 2 & 10 \\ 8,680 & 2 & 1 \\ 0,717 & 1 & 2 \end{array}\right\|$ | $\left\|\begin{array}{llll} 4 & 11 & 4 \\ 8 & 8 & 81 \\ 8 & 1 & 11 \\ 7 & 4 & 65 \\ 8 & 9 & 78 \end{array}\right\|$ |  | $\left.\begin{array}{rrrr\|} \hline 81,182 & 28 & 80 \\ 14,968 & 7 & 83 \\ 41,460 & 17 & 000 \\ 468 & 4 & 40 \\ 92 & 11 & 40 \end{array} \right\rvert\,$ | $\left.\begin{array}{ccc} 46,298 & 20 & 7 \\ 48,120 & 9 & 27 \\ 72,048 & 10 & 40 \\ 9,012 & 0 & 60 \\ 8,039 & 0 & 70 \end{array} \right\rvert\,$ | $\begin{array}{rrr\|} 14,350 & 14 & 2 \\ 12,002 & 1 & 2 \\ 43,061 & 19 & 0 \\ 764 & 11 & 7 \\ 8,980 & 8 & 0 \end{array}$ | 01460 02525 0 0 |
| Total | 333，419 | 2，550，100 20 | 1，767，811 29 | 1，771，867 \％1 | 1，27，886 \＆ 0 | 3088 | 603，245 ${ }^{\text {a }} 12$ | 601，150 9060 | 212，008 1040 | 78，136 11 | 020 |
| Oner Toish | 1，560，000 | 18，680，860 22 31， | 2810，270 84 | 1，020，280 1 | 3，80，000 3 01 | 096 | 1，883，900 B S6 | 000，742 18 Az | Ex， 1588.878 | 1，77，786 7 | 0163 |

## REVENOES-continued.

Municipalities in the Bombay Prasidency, including Sind, during the year 1891-92.

(3).-Statement showing the Quantity or Vulue of the Principal Articles imported into, and tacced by, We nevera

| 1 | 7 |  |  | 6 |  |  |  |  | , |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cwime $\mathfrak{n}$-continued. |  |  | Clate III. |  |  |  |  | Cume IV. |  |  |
| Dusiricts. |  | $\begin{aligned} & \dot{8} \\ & \frac{8}{8} \\ & \frac{8}{8} \\ & \frac{1}{8} \\ & \frac{0}{6} \\ & \frac{0}{8} \\ & \frac{1}{6} \\ & \frac{\pi}{4} \end{aligned}$ |  |  | 厷 | $\frac{4}{2}$ $\frac{8}{5}$ $\frac{0}{4}$ |  |  |  |  | $\begin{aligned} & \frac{s}{8} \\ & \frac{2}{5} \\ & \frac{1}{2} \\ & \frac{\pi}{2} \end{aligned}$ |
| Northern Didution. |  | H2. at p. | Ra.4.p. | Mden at ${ }^{\text {a }}$ | Yde. a. t. | M de. ©. $\mathrm{t}^{\text {c }}$ | Ras an p. | Mde. e. t |  | B0. 2 p. | P4. A. p. |
| Sbuadrbid ... |  | ..... | - | 140,808 29.40 | 000150 | 140,187 1640 | 8,28s 8 el | $03^{318}$ | 1,70,085 121 | 11145 | 1,70,0.7 138 |
| geirs ... ... | ...." | ....- | - | 30,960 00 | $181 \times 40$ | 20,728 8540 | 1,119 111 | 08114 | $1,00,008$ 11 1 | 800117 | 1,00,300 0 O |
| Panch yehnion -.- |  |  | $\stackrel{+}{\square}$ | ...mm | .... | ...m | ..... | 0831 | ....." | …0 | --m |
| Broach ... -- | ...... |  | - | $\begin{array}{lll} 307,464 & 0 & 0 \\ 858,507 & 0 & 0 \end{array}$ | 20,681 0 O 0 | 346,767 000 | 8,061 7 4 |  | 2,04,514 6 6 0 | 32.87480 | 2,10,430 140 |
| Burat - ... 2 |  |  | 3210 |  |  | 688,297 0 O | 8,706 1111 | - 38 \% | .8,03,709 710 | 15,679 $12 \times$ | 8.78,170 110 |
| trase - ... |  | 2030 of | 008 | 65,014 838 | 4780 | ;51,588 838 | 57718 a | 13865 | 15,031 \% 8 | 8,861000 | 10,000 71 |
| Total | 345,0ss 0 of | 1,789 6 6 | 8210 | 1,122,473 22 es | 21,94 1940 | 2,100,519 : 25 | 18,871 1010 | : 630 | 0,41,819 in 41 | 74,125 14 4 | 8,70,109 $14 \%$ |
| Contral Disinlon. | $8,048 \times 10$ |  |  |  | 63700 | 114,487 100 | 0,133 8 \% | 2307 | 03,854 00 | 81800 | 61,621 o 0 |
| Ahmodnagar ... |  | 292180 | $0 \cdot 11$ | 116,144 100 |  |  |  |  |  |  |  |
| Khindemit.-. |  |  |  | 186,050 © 0 | 2,24 100 | 189,316 360 | 8,248 $0 \cdot 3$ | 119 B | 2,98,179 1.0 | 1, \$0000 | 2,08, ¢6as 20 |
| Nowk -.. | - | ...". |  | 88,829 30 0 | 184,859 | 88,928 300 | 8,067 20 | 1208 |  | 148 1,0058 1,085 0 | 2,15,392 121 |
| Poonle -- --. | 8.0480 | 1051113000 |  | 009,632 2311 | 184,859 0000 | 704,778 201 | 17,577 6 | 6114 | 4,80,84 7 0 <br> 46,084 16 0 | 1,00,083 00 | B, ¢C, ere 71 |
| sutism ... .. | 9,888 000 | 369 1 0 0 1 11 <br> .....  2 0 11  |  | 252,278 180 | . 100 | 284,807 19 - | 0,253 41 | 28024 |  | 40800 | 46,19\% 14 c |
| Bboispur ... ... | 193,776 14 |  |  | 547200 | 251,788 880 | 3,093 $\bigcirc 0$ | 3176 | 8,48,277 00 | $25100$ | 3,4i,980 0 |  |
| Total ... | 211,700 14 | 74701 | 061 |  | 1,780,803 211 | 108,501 30.0 | 1,018,001 31' 1 | 41,480 3 II | 148 | 17,82,890 $\bigcirc 0$ | 2,02,715 0 or | 13,21,106 31 |
| Southern Dioiston. |  | 1,479 12 0 | 01611 | 801,378 00 |  |  |  |  |  |  |  |
| Belgaum ... ... | 7,02s of of |  |  |  | 20,804 00 | 1273,074 00 | 4,046 47 | 8 2n 41 | 1,31,010 00 | 3.31100 | 1,28,305 001 |
| Dharwar .- ... |  | 1,370 12 O 01611 |  | 415,136 000 | 18,176 000 | 401,059 000 | 8,001 \& 0 | 21640 | $1,10,504 \times 0$ | 80,768 | 70, 181601 |
| bijapur ... ... | 40,032 000 | $\begin{array}{ccc\|ccc} 619 & 6 & 0 & 0 & 12 & 1 \\ 249 & 20 & 0 & 0 & 8 & \end{array}$ |  | 72,207 00 | 8000 | 72,287 00 | 288770 |  | 03,170 00 | 3000 | e,iso 01 |
|  | 18,038 0 of |  | $\begin{array}{c\|ccc} 0 & 0 & 1 & 1 \\ 0 & 0 & 8 & 1 \end{array}$ | 118,206 000 | 6,301 000 | 100,983 000 | 2,485 |  | 22,145 000 | 82000 |  |
| Recoacirl ... | ...... | ..... |  | 168,0281,809 00 |  | 118,07000 | 2046201 | $\begin{aligned} & 22878 \\ & 01078 \end{aligned}$ | 88,438 <br> $\mathbf{0}$ <br> 88,408 | $\left.\begin{array}{ccc} 17,701 & 0 & 0 \\ 1,908 & 0 & 0 \end{array} \right\rvert\,$ | $\begin{array}{lll} 20,044 & 0 & 1 \\ 30, \mathrm{JOs} & 0 & 1 \end{array}$ |
| 工olut ... | - ..... | ..... |  |  | $1500$ | $1,68400$ |  |  |  |  |  |
| Toud .-- | 142,880 0 | 2.168 | 05 | 1,071,808 00 | 108,744 00 | D6E, 010 O 0 | 12,048 6 b | 214 | 4,80,3L6 00 | 00,80000 | 3,80,7w |
| Sind. <br> Martal .o. <br> Byderibed <br> whikirpar ... <br> Thar and Ptakar... <br> Uppar Bind Fron- |  |  |  |  |  |  |  |  |  |  |  |
|  | 15,007 | 2087610 |  | 500,420 25 76 | 108,8s0 22604 | 738,007 25176 | 20,291 \& 4 | 51300 | 8,00,085 140 | 2,40,102 60 | 3,60,084 b |
|  |  | ...... | $\cdots$ | $\begin{array}{rll} 8,857 & 25 & 2 \\ 87,887 & 20 & 10 \end{array}$ | - 202000 | 3,807 © 2 | 401110 | 0108 | 82,462 40 | 20120 | عa,001 1 |
|  |  | m" | $\cdots$ |  | 11,430 7760 | 45,917 8250 | 4,560 $\quad 1$ | 01688 | 8,75,770 16 1 | 2,16,854 16 | 1,60,030 13 |
|  |  | ..... | $\cdots$ | 006880 | 4858108 | 3201620 | 210280 | 0173 | ..... | $\cdots$ | -..... |
|  | - | - | $\cdots$ | 118 388 | 34 2800 | 6885 | 811410 | $0 \quad 016$ | 1,019 118 | ...... | 1.01011 |
| Total | 15,077 0 | 29678 | b | 002,000 © 7 |  | 786,147 + 144 | 91,836 : 10 | 280 | 10,66,928 124 | 4,02,330 108 | 6,03,6072 2 |
| Onmp Totas | 714,102 248 | 8,240152 | 201632 | 4,963,140 1087 | 174,900 16104 | 4,471,086 89 40111 | 100,248 0 | 82110 | 41,84,413 23 | 8,00,708 16.6 | 23,78,649 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |

REVENIUES-continued.
Manicipalities in the Bcmeary Prenileney, inciuding Sind, during the year 1891-98-continued.

(5).-Statement showing the Quantity or Vulue of the Principal A,ticles imported into, and taxed by, the several


REVENCESS-continued.
Municipalities in the Bcembry Prenilency, induding Sind, during the year 1891-9s-contioned.


App. V. G. (a). 6

## G.-MUNICIPAL REVENUES-concluded.

(3). -Slatement showing the Quantity or Value of the Principal Articles imported inlo, and tasel by, the sercral Ifunicipalities in the Bombay Presidency, incluting Sind, during the year 1891-9z-concladed.


## CHAPTER VI－TITAL STATISTICS．A－BIRTHS AND DEATHS．



（2）－－stubement of deaths registered in the Listricty of the Bomboy Presidency during the your $\mathbf{1 0} 31$ ．

| 1 |  |  |  | ， |  | s |  | E |  |  | 5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bucreich |  |  |  |  |  |  |  ar Patenatia |  |  | Mans EaTh AF Dilarin <br>  FIDGM IKK FInTin |  |  |
|  |  |  | Yire | Tamices | Tatru |  | Hatre | Tamme． | Touch | Yuse． | Fematem＇ | Erach |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| T－inden－－－ | as | 10 mab | 93.346 | Sasis | St，mg | merse | 5 | 5 | 88 | ${ }^{3}$ | 9－mi | 2－2F |
|  | 2014 | 4 | Lis | Lf．ese | 50.40 |  | － |  | 515！ |  | \％－ir | 피ㄴㅏㅏ |
| $\cdots 3 \mathrm{mmag}=\square \pm$ |  | 20．smbil | 5 | 以上 | 三rin |  | Suce | 5－7 |  |  | 9\％－5 | － |
| －－－－ | 2， | $32 \mathrm{l}-6$ | 4， | 5，206 | － | Less 5 | －5is |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 75 |  |
|  | 5 | $\xrightarrow{\text { mers }}$ |  | If．cmis | 70．104 |  | 983 | \％ix | ${ }_{5}^{35}$ | 近 |  | 年为 |
|  | 4 | mixy | ${ }_{5}^{11}$ |  | － | ，wivn | 303 | \％－6 |  | 边 |  | 3－3 |
|  | $3 \times$ | 303030 | W， | W0．34 |  | Wurrs | ※ᄑ゙ | 1－4 | 12\％ | $\underline{5}$ | Lumb | $\underline{5}-2$ |
| Anatare Legmemat Eindit |  |  |  |  |  |  |  |  |  |  |  |  |
| 2inm $\rightarrow$－－－－ | 6．06\％ |  | I2m | It．max | Sara |  |  |  |  | Smo | 920 | 5rim |
| 2． T ur - －- － | － | 3－156 | $\xrightarrow{20}$ |  | \％ |  | E－ | E， | I2 ${ }^{3}$ |  |  |  |
| 成式何－こ | 2is | Lurue |  | Sism | － | ［145 | $3{ }^{3}-1$ | 30： | ¢ | Sers | 9150 | cras |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| وre－－－－－－ | 1．0n | 2men | 2：\％ | 9，ni | 13．5x | 4 | 2ma | 90－3 | 5rat | ［703 | 5：－7e | 5 |
|  | 5 | \％w | ${ }^{4}$ | 15 | 20， |  | 5－2 | $\underset{\sim}{2}$ | Y－012 | 존00 | 3F－ | 5－3 |
| Foze |  | 気気， | 近 | 1700 | 为 |  | －38 | 30080 | $\sum_{\substack{\text { cos }}}$ |  | 或 | 边边 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | \＃－ | F－x | 0 | F1 |  |
|  | 0 | 51.75 | $\div 3$ | 5 | 1， | \％ | 1－9 | Hoser | $\underline{E}$ | $\stackrel{105}{ }$ | 1，－3 | L4， |
|  | 드느N | －工 | 2me | 2 C | 5 | 끈 | 5－3 | 1000 | 2－$=$－ |  |  | 5－20 |
| ¢0\％\％\％＝ar | ${ }_{3}$ | 2ms | Hes | 1－1 | Tox | $\operatorname{In}_{108}$ | 5－6 | － |  | 1：-6 | ［ | E－65 |
| Thation | 上4．31 | Lion | ss．즈 |  | 53：172 | Hem | F－m | 2－W | $\underline{\square}$ | 二区 | Ex | －r |
| 工边： | Lex | 上20 |  | 53－311 | 國运 | 109010 | 5 | ごら， | S－4．4． | 2－3 | ＝ | ＝－n |
|  | 8min | hocs | －mon | dedet | －10x | cot the | \％ |  |  |  |  |  |

App. V. G. (3). 7
bOMBAY ADMINTSTRATION REPORT.

## G.-MUNICIPAL REVENUES-concluded.

(9).-Statement showing the Quantity or Value of the Principal Aricles imported into, and taxed by, the several Afunicipalities in the Bombay Presidency, including Sind, during the year 1891-92-concladed.


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## CHAPTER VI-TITAL STATISTICS. A-EIRTHS AND DEATHS.




## A.-BIRTHS AND DEATES-continued.

(3).-Statement of deaths registered from different causes in the Districts and Towne of the Bombay

Presidency during the year 1891.


## A.-BIRTHS AID DEATHS-conclule?.

(3). -Shatemerst of deathe reginteryl from diforent asusen in the Districts and Towno of the Eunjoy

Pranidency during the yact $10 \forall 1$-conclided.



B．－MEDICAL SERVICES．CIVIL HOSPITALS AND DISPENSARIES． （1）．－Statement showing the number of Civil Hospitals and Dispensaries in the Bombay Presidency during the year 1591.

（2）．－Statement showing the number of in－door and out－door patients treated in the Civil Hospitals and Diepensaries of the Bombay Presidency during the year 1801.

| 1 | 8 |  |  |  |  |  |  |  |  |  |  |  | 8 |  |  |  | 4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | In－door Patimitit |  |  |  |  |  |  |  |  |  |  |  | Oot－dool Paftists．， |  |  |  |  |
|  | ＇ | B | 0 | D | $\underline{1}$ | 7 | c |  |  | E |  |  | 4 | B | c | D |  |
| District． | 点 |  | － | $\frac{8}{8}$ |  | 宮宫 |  | t bods Sto. |  | avarne | num | bets． |  | Number | treated． |  |  |
|  |  |  | $\begin{aligned} & \frac{5}{2} \\ & \frac{1}{2} \\ & \mathbf{8} \\ & \frac{1}{4} \end{aligned}$ |  | 宿 |  | 娄 | $\begin{aligned} & \text { B } \\ & \text { 娄 } \\ & \text { N } \end{aligned}$ | gig | $\begin{aligned} & \text { g } \\ & \text { 飠 } \\ & \end{aligned}$ | $\begin{aligned} & \text { 昆 } \\ & \stackrel{\rightharpoonup}{8} \\ & \text { R } \end{aligned}$ | $\begin{aligned} & \mathbf{3} \\ & \hline \mathbf{4} \end{aligned}$ | 寅 | 事宫 | 等， | 关 |  |
| Konken ．．．．m ．o． | 2，542 | 1，804 | 167 | 235 | 145 | 6.7 | 294 | 129 | 120．0 | 2204 | 8.5 | 3615 | 183，356 | 84，097 | 228，n59 | 9，90T5 | 298．594 |
| Decean ．．． | 9，455 | 7，541 | 734 | 74 | 898 | 60 | 121 | 845 | 814.3 | 098 | ${ }^{36} 4$ | $413 \cdot 6$ | 013，600 | b0，323 | 753，w－2 | C，w170 | 743，－17 |
| Gufarat ．．． | $8, \mathrm{mmg}$ | 5，148 | 800 | 636 | 487 | 064 | 507 | 218 | $30 \mathrm{CH} \cdot 1$ | 68.6 | $15 \cdot 0$ | 881.7 | 446，947 | 24，3690 | 473，505 | c．4ivos | 4－2044 |
| Strd | 4，614 | 8，691 | 236 | 288 | 211 | 4 | 824 | 123 | $140 \cdot 4$ | 120 | $14 \cdot 0$ | 1787 | 211，i63 | 21，273 | 214，083） | comis |  |
| Aden and Dursial Oull．．． | 16，100 | 6，058 | 887 8,685 | 906 $\mathbf{8 , 2 0 0}$ | 1，427 | 8.4 | 780 | 870 |  | 760 284 | g．2 4.1 4.1 | 1007 040.8 | 28，${ }_{02,}^{28,40}$ | 2，485 | 81，4014 | 354 7087 | ： 03.94 |
| Total | 43，880 | 20，880 | 6，008 | B，220 | 8，013 | $0 \cdot 8$ | 2，818 | 1，201 | 1，881．6 | 3088 | $120 \cdot 1$ | 2，170\％ | 1，040，784 | 157，840 | 1，788，204 | 17，88560 | 1，842，250 |

Note．－Tho diferenco betwoen the joint totale of columan B，C，D and E and that efven in A in duo to tho fact that no acoount hat bean takon of patienta undior treatanent
（3）．
（3）．－Statement showing the diseases of the in－door and out－door patients in the Civil Hospitals and Dispensaries of the Bombay Presidency during the ycar 1891.


## C.-LUNATIC ASYLUMS

(1)-Statement ahowing the admiatione, divcharges, de., dre, of Innatios in the Lemalic, Aoylumo in the Bombey Proeidency during the yoar 1891.

(8).-Return of Oriminal Lunatice in the Lunatio Asylume of the Bombay Presidency for the year 1891.


App. VI: D. (1).] bOMBAY ADMINISTRATION REPORT.
(1).-Statoment showing the particulars of Vaccination in the Bombay


NATION.
C 1
Presidoney, including Sind and Aden, during the year 1891-92.


## D.-VACCI

(1).-Statement showing the particulare of Vaccination in the Eombiay-

| Number. | $\square$ | PopulatInn of districta eccording to Consus of 1201. | Arorace popelation per equlare . |  | Total number of pericas necinatod. |  |  | AYTM2 <br> DuFifr $\boldsymbol{T}$ y-romme Therinater by creh recticier |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 8 | 4 | 5 | 6 |  |  | 7 |
|  | The Cemtral Reatetration Dibtrigemeontd. |  | 4,654 | 1 | Males, | Femalca. | Total. |  |
|  | Cantomment ... ... | 40,483 |  |  | $\begin{cases}\text { P. } & 986 \\ \mathrm{R} . & 383\end{cases}$ | ${ }_{651}^{1}$ | 1,647 344 | 1,971 |
|  | Totale by entablith. <br> ments in Central Municipal ... | 297,355 | 84,747 | 0 | $\begin{cases}\text { P. } & 0,512 \\ \mathbf{R} . & 2,083\end{cases}$ | 6,167. | 12,679 2,203 | 1,604 |
|  | ments in Central Registration Dia- trict Local Fund .... ... | 4,602,405 | 185 | $7 \pm$ | $\left\{\begin{array}{lr}\text { P. } & 89,784 \\ \text { R. } & 1,676\end{array}\right.$ | 77,638 849 | $157,4: 3$ 1,925 | 2,153 |
|  | \%rich. ${ }^{\text {Nastive States ... }}$ |  | 145 | 12 | $\begin{cases}\text { P. } & 1,884 \\ \mathrm{R} & 888\end{cases}$ | : 8,714 | 17,538 401 | 1,495 |
|  | Total - | 5,586,653 | 181 | 08 | $\left\{\begin{array}{lr}\text { P. } & 90,126 \\ \text { R. } & 4,362\end{array}\right.$ | 98,170 601 | 189,296 4,553 | \} 2,522 |
|  | Tife Sodthrra Reaistration Distajot. |  |  |  |  |  |  |  |
| 21 | Belgaum ... ... . ... ... ... ... | 1,011,463 | 217 | 18 | $\left\{\begin{array}{lr}\text { P. } & 18,041 \\ \mathrm{l} & 4,080\end{array}\right.$ | 17,229 6983 | 35,470 4,773 | \} 2,236 |
| 22 | Dhárwár ... ... .. ... ... | 1,050,533 | 232 | 22 | $\left\{\begin{array}{l}\text { P. } \\ \text { P } \\ \text { 17,235 }\end{array}\right.$ | 16,823 | 34,088 | 1,714 |
|  |  | 1,060,683 |  | 13 |  | [45989 | $3,6 \pm 1$ 29,400 |  |
| 23 | Bijápur ... ... ... ... ... | 786,286 | 138 | 13 | $\left\{\begin{array}{lr}\text { R } & 3,647\end{array}\right.$ | 14,435 | 4,082 | 2,082 |
| 24 | Kanara ... ... ... ... ... | 446,166 | 114 | 16 | $\begin{cases}\text { P. } & 8,853 \\ \mathrm{R} . & 1,934\end{cases}$ | 8,140 021 | 16,993 9,865 | 1,240 |
| 28 | $\text { f) } \quad\{\text { sángli } . . . \quad \text {... } \quad . . \mid$ | 238,945 | 267 | 7 | $\left\{\begin{array}{l}\text { P: } \\ \mathbf{P} \\ \text { 3,500 }\end{array}\right.$ | 8,144 | 6,644 | 1,110 |
|  | : . Jamkhandi | 23,040 | 267 | 7 | $\left\{\begin{array}{rr}\text { P. } & \text { P, } \\ \mathbf{P} . & 1,838 \\ \text { P. }\end{array}\right.$ | 253 1,804 | 3,629 |  |
| 28 | . Jamkbandi ... ... | 102,102 | 208 | 2 | $\begin{cases}\text { P. } & 1,825 \\ \mathrm{R} & 140\end{cases}$ | 1,804 188 | 3,629 178 | $\}$ 1,903 |
| 27 | Miraj (Scmior) ... ... | 88,3-43 |  | 2 | $\begin{cases}\text { P. } & 1,418 \\ \mathrm{P} & 138\end{cases}$ | 1,351 | 2,764 | , 1,501 |
| 27 | , Do, (Junior) | 8,213 |  | 2 | $\left\{\begin{array}{lll}\mathrm{R}_{1} & : & 238 \\ \mathrm{P}_{2} & 469\end{array}\right.$ | 3968 | 238 868 | 1,001 |
| 28 | ( Do. (Junior) ... $\quad .$. | 35,487 | 171 | 2 | $\left\{\begin{array}{lr}\text { P. } & 469 \\ \mathrm{R} . & 39\end{array}\right.$ | $\ldots$ | 868 98 | 907 |
| 29 | Southern Maráths \{ Kurundvéd (Senior) ... | 43,809 |  | 1 | $\begin{cases}\text { P. } & 720\end{cases}$ | . 672 | ],397 | 1,284 |
| 29 | Jaghirs. | 48,809 | 231 | 1 | \{R. 169 | 18 | 187 | 1,284 |
| 80 | Do. - (Junior) ... | 32,5:8 | 285 | 1 | $\left\{\begin{array}{lr}\mathrm{P} & 563 \\ \mathrm{R} & 88\end{array}\right.$ | $\begin{array}{r}535 \\ \hline 25\end{array}$ | 1,098 | -1,209 |
| 31 | Mudhal ... ... ... | 61,815 |  | 1 | $\begin{cases}\text { P. } & 1,224\end{cases}$ | 1,230 | 2,454 | 3,041 |
|  | . Rímdurg ... . | 01,015 |  | 2 | $\begin{array}{lll}\text { PR. } & 423 \\ \text { P. } & 705\end{array}$ | . 164 | $\begin{array}{r}587 \\ 1,348 \\ \hline\end{array}$ |  |
| 32 |  | 36,181 | 258 | 1 | $\begin{cases}\text { R. } & 392\end{cases}$ | -50 | 4.12 | 1,438 |
| 33 | ; Jath ... ... ... | 79,786 | 81 | 2 | $\begin{cases}\text { P. } & 1,704 \\ \text { B. } & 672\end{cases}$ | $\begin{array}{r}1,488 \\ 235 \\ \hline\end{array}$ | 3,4412 907 | 2,169 |
|  | Total | 729,056 | 881 | 18 | $\left\{\begin{array}{lr}\text { P. } & 12,188 \\ \mathrm{n} . & 3,086\end{array}\right.$ | 11,494 789 | 23,685 3,875 | 1,[31 |
| 34 | $\left\{\begin{array}{c} \text { Under the Dhar } \\ \text { wár Agency. } \end{array}\right\} \text { Savangir Stato ... }$ | 16,976 | 248 | 1 | $\begin{cases}\text { P. } & 430 \\ \mathrm{R} & 124\end{cases}$ | 409 | 889 165 | 1,006 |
| 35 |  | 913,131 | 324 | 18 | $\left\{\begin{array}{lr}\text { P. } & 13,822 \\ \text { R. } & 5,268\end{array}\right.$ | 13,093 1,338 | 26,715 6,604 | 2,563 |
|  |  |  |  |  |  |  |  |  |
|  |  | 219,360 | 8,401 | 8 | $\begin{cases}\mathrm{P} & 8,888 \\ \mathrm{H} & 1,774\end{cases}$ | 1,050 165 | 10,713 1,929 | 1,580 |
|  | $\int$ments id. <br> Begistration Dif- <br> Urict | 3,085,072 | 164 | 61 | $\begin{cases}\text { P. } & 53,614 \\ \text { R. } & 11,249\end{cases}$ | 51,684 2,153 | 105,328 $18,4(12$ | 1,016 |
|  | trich ... (Native States ... |  |  |  | . P. | 24,996 | 51,236 | 1,434 |
|  |  | 1,648,108 | 354 | 32 | \{R. 8,478 | 2,160 | 11,6.t |  |
|  | . . . . . . . Total ... | 4,953,501 | 195 | 101 | $\left\{\begin{array}{cc}\text { P. } & 85,542 \\ \text { R. } & 21,501\end{array}\right\}$ | 81,735 4,474 | 167,277 $\mathbf{2 5 , 9 7 5}$ | 1,913 |

VATIQN-continued.
${ }^{2}$ residency, includian Sind and Aden, during the year 1531-92-contirued.

| Praner vacasarms. |  |  |  | Rz-racenatiom |  |  |  |  | Avurge mana truber ef parsones suceronfuliy nocroated duriog previou: dive jears. |  | Averser marral nomber of deachat trom gravtpax dexing prownal ato |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Totel | Smacentul. |  |  | Total | Succustal. | Primery. | Re.ricetmation |  |  |  |  |  |
|  | $\begin{aligned} & \text { Cintar } \\ & \text { y yeur. } \end{aligned}$ | Ovar 1 and 6 ynder | Tocal of all |  |  |  |  |  | Number. |  | Euaber | Besto pas $1+00$ |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1,647 | 1,101 | 477 | 1,594 | 324 | 175 | 96.78 | 54.01 | 4327 | 2,085 | 5095 | 5 | $0 \cdot 12$ |
| 12,679 | 8,619 | 3,066 | 11,975 | 2,003 | 777 | 94-4 | $35-28$ | 4-88 | 11,504 | 38.69 | . 121 | 0.41 |
| 157,538 | 1,20,288 | 26,095 | 147,817 | 1,925 | 1,160 | 92.69 | $60-26$ | 31.75 | 143,504 | 30:58 | - 473 | 010 |
| 17,568 | 12,238 | 4,245 | 16,593 | 401 | 251 | 94.61 | 62-59 | 30.80 | 15,618 | 28.09 | ... | ... |
| 189,432 | 1,42,946 | $33,8 \leqslant 3$ | 177,979 | 4,853 | -9363 | \%-02 | 4869 | 52-28 | 172,711 | $30-91$ | 599 | 011 |
| 35,509 | 223,802 | 10,215 | 33,640 | 4,773 | 3,246 | 9484 | 6801 | 36.47 | 30,279 | 29-94 | 74 | 0.07 |
| 34, 27 | 21,725 | 8,762 | 31,304 | 3,621 | 8,817 | 91.84 | 61-22 | 31.91 | 99,808 | 98.38 | 293 | 0-91 |
| 99,630 | 19,466 | 8,185 | 28,051 | 4,039 | 2,587 | 95-12 | 63.38 | 38.46 | 26.916 | S3-82 | 139 | 0-17 |
| 17.129 | 5,2,7 | 7,650 | 15,090 | 2,855 | 1,984 | 88.80 | 0949 | \$8.37 | 12,019 | $26 \cdot 94$ | 123 | - 0028 |
| 6,652 | 5,098 | 1,0응 | 6,104 | 1,186 | . 699 | 91-72 | 5896 | 88.47 | 54668 | 23.78 | ... | $\ldots$ |
| 3,636 | -, 466 | 1,090 | 3,591 | 178 | 174 | 98.95 | 97.75 | 36.85 | 3,355 | 32.84 | *- | $\cdots$ |
| 2,766 | 1,890 | 778 | 2,692 | 235 | 231 | 97.39 | 9700 | 83-09 | 2,693 | 30.47 | -* | ... |
| 870 | 398 | 404 | 803 | 39 | S9 | 98.51 | 10000 | 8378 | 751 | 21-16 | $\cdots$ | $\cdots$ |
| 1,397 | 485 | 854 | 1,399 | 187 | 144 | 95.85 | 77.01 | 33-55 | 1,150 | 96-25 | ... | . |
| 1,098 | 849 | 439 | 981 | 111 | 100 | 80-24 | 9009 | 33-26 | 818 | $25 \cdot 15$ | $\cdots$ | $\cdots$ |
| 2,493 | 9091 | 375 | 2,408 | 587 | 464 | 98.13 | 79-05 | 46-46 | 2,408 | 38-95 | ... | $\cdots$ |
| 1,408 | $8: 9$ | 430 | 1,276 | 442 | 149 | 91:40 | 53\%3 | 38.39 | - 1,916 | 3361 | ... | -* |
| 3,434 | 2,234 | 765 | 3,010 | 907 | 669 | $87 \% 0$ | 73-76 | 46-11 | 2,745 | 34-30 | $\cdots$ | $\rightarrow$ |
| 23,754 | 15,900 | 6,150 | 22,204 | 3,875 | 2,669. | 93.76 | 68.58 | 34.59 | 20,803 | 23.93 | *- | $\cdots$ |
| 842 | 332 | 239 | 785 | 165 | 144 | 98-56 | $87-27$ | 54.78 | 784 | $46 \cdot 18$ | -** | -* |
| 26,605 | 17,011 | 7888 | 25,973 | 6,604 | 4,386 | 97.23 | 64,90 | 38.14 | 28,561 | 31-28 | ... ${ }^{\text {- }}$ | $\ldots$ |
| 10,235 | 6,155 | 3,403 | 10,189 | 1,929 | 1,356 | 95.11 | 70-29 | 59-63 | 7,949 | 36.91 | 64 | - 0-29 |
| 105,833 | 63,115 | 31,428 | 97,896 | 13,403 | 8,678 | 92.55 | 64:75 | S4:54 | 90,670 | 99-45 | 495 | 0-16 |
| 51,401 | 34,203 | 14,257 | 48,968 | 10,64 | 7,099 | $95 \cdot 56$ | 66.69 | 38-99 | 50,958 | 80.54 | ... | -- |
| 167.869 | 103,473 | 49,088 | 157,047 | 25,975 | 17,138 | 96-88 | 65-99 | $35 \cdot 16$ | 149,170 | 30-11 | 539 | 0.11 |

(1).-Statement atowing the particulars of Vaccination in the Bombay


App.' VI. D. (1).]
GOMBAY ADMIBISTRATION REPORT.
10801-42.


SATION-concludert.
Presidency, including Sind and Aden, during the year 1591-92-concluded.


CHAPTER VII. A.-EDUCATION.
(1).-Abstract Return of Colleges, Schoole and Scholars in the Bombay Presidency at the end of the official year 1801-92.
(For details, see Statement No. III.)

| arka and porduation. |  |  |  | - PUBLIO Enstitutions. |  |  |  |  |  |  |  |  | anned rotal. | Pereentage of |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total sat in equare millen | Number of tomis: and Filingon. | Population. |  | ExtyRentt Eprcanox. |  | 8cnool Edrchrmis GExpity |  | $\left\|\begin{array}{c} \text { Scrool Rovelarios. } \\ \text { Brocal } \end{array}\right\|$ |  | $\begin{aligned} & \text { Total of } \\ & \text { Publice } \\ & \text { Iotil. } \\ & \text { tutivis. } \end{aligned}$ |  |  |  |  |  |
|  |  |  |  |  | $\left\{\begin{array}{l} \text { Proten. } \\ \text { wional } \\ \text { Cal. } \\ \text { Lotes. } \end{array}\right.$ | Secondary Bchoola | Primary | $\begin{gathered} \text { Train. } \\ \text { ing } \\ \text { schoole. } \end{gathered}$ | $\left\{\begin{array}{l} \text { All othor } \\ \text { Bepcial } \\ \text { Schools. } \end{array}\right.$ |  | Ad. | Elemen- nary. |  |  |  |
| 1 | 9 | $8^{8}$ | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |  |
| 158971 ... |  |  | Males :.. | 9 | 4 | 333 | 8,354 | 8 | 39 | 8.759 | 89 | 9,697 | 11,478 | Institutions |  |
|  |  |  |  | ... | $\cdots$ | 58 | 677 | 7 | ... | 742 | $\ldots$ | 51 | 703 | \| and villuser. |  |
|  |  |  |  | 9 | 4 | 410 | 9,031 | 15 | 89 | 9,501 | 83 | 2,088 | 12,978 |  |  |
|  |  |  |  | 1,381: | 488 | 39,350 | 456,199 | 674 | 2,209 | 409,174 | 1,138 | 61,114 | 501,421 | $\left\{\begin{array}{c} \text { Malo mohnins to malic } \\ \text { populatiass us tchool. } \end{array}\right\}$ | 50.0 |
|  |  |  |  |  | 7 | 4,070 | 63,185 | 179 | 20 | 67,432 | 87 | 6,648 | 73,017 |  | 3:76 |
|  |  |  |  | 1,332 | 495 | 43,490 | 518,294 | 859 | 2,392 | 566,606 | 1,170 | 66,663 | 631,485 |  | 15.70 |


A.-EDUCATION-sontinued.

(9).-Return of Collegos, Sohools and Scholars in the Bomboy

-
Frtidhacy for the official year 1<31-f?

(4).-Refurn of expenditure on Public Instruction in the

-continuel.




A－EL［CATIG5－smatinat
 はルのロォ

A.-EDUCATION-continued.
\%
(7).-Return showing the distribution of Local Board and Municipal expenditure on Public Instruction in the Bombay Presidency for the official year 1891-92.


## A-EDLCITIOS-rrainist





App．VII．B．（1）\＆（2）．］bovibay adiministastion meport．

## B．－LITERATURE AND THE PRESS．

（1）．－Abstract showing the total number of books registered in the Bombay Presidency in different Languages．

| Description of honlus． | Book \％ IN ExOLIBII ATB Otstre Eceorean Ln土atiacts， |  |  |  |  |  |  |  |  |  |  | Boora mezintide is Isbing Chemich Latovaeta． |  |  |  |  |  | Total． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { 岳 } \\ & \text { 熄 } \end{aligned}$ |  | 荮 | $\begin{aligned} & \text { 妾 } \\ & \frac{⿳ 士 口 䒑 口 阝 ~}{2} \end{aligned}$ | 薄 | 宮 | 砢 | 晨 | 总 |  |  |  | 粟 | 容 | 砍 | 曷 |  |  |
|  | $\begin{array}{r} 119^{\circ} \\ 3 \\ 15 \end{array}$ |  | $\begin{array}{r} 208 \\ 36 \\ 53 \end{array}$ | $\begin{array}{r} 449 \\ 41 \\ 87 \end{array}$ | 1444 | ＇．．． <br> $\cdots$ | 1．．． | 3342 | 1884 | 2$\ldots$$\ldots$ | 1681 | $\begin{gathered} 0 \\ \ldots \\ 88 \end{gathered}$ | $\begin{gathered} 8 \\ \ldots \\ 0 \end{gathered}$ | 1 | $\ldots$ | 1$\cdots$1 | 676435 | $1,024$$101$$2 x$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total ．．． | 137 | 1 | 887 | 527 | 22 | 5 | 2 | 80 | 25 | 2 | 22 | 62 | 18 | 8 | 1 | 2 | 150 | 1，40！ |
| Total | 138 |  | 1，031 |  |  |  |  |  |  |  |  | 88 |  |  |  |  | 156 | 1，40！ |

（2）．－Analysie of Publications registered in the Bombay Presidency under Act XXV of 1867 during the yoar 1891.


## B.-LITERATCRE AND THE PRESS-continued.

(3).-Return of Presses workeal, and Nerespapers or Periodical Works published, in the Bombxy Presidency, incluling Sind and Aden, during the year ending 31st March 1893.


## B.-LITERATORE AND THE PRESS-continued.

(3).-Return of Presses worked, and Newspapers or Periodical Works published, in the Bombay Presidency, including Sind and Aden, during the year ending S1st March 189\%-continued.


## B.-LITERATCRE ASD THE PRESS-condinucd.





## B.-LITERATURE AND THE PRESS-continued.

(8).-Return of Presses worked, and Nowspapers or Periodical'Works published, in tha Bumbay Presidenoy, including Sind and Aden, during the year ending 81st March 1892-continued.

B.-LITERATCRE AND THE PRESS-coniTrutd.
(o) - Return of Prusees uerknl, and Vewspapers or Periodi:al Works publisheat, in the Bombay Presilency, inchuling Sind and Adon, during the year ondiag S1at March 1SJa-montinaed.

B.-LITERATURE AND THE PRESS-conlinued.
(5).-Refurn of Presses toorked, and Neicepapers or 1'oriodical Works published, in the Bomboy

Prosidency, including Sind and Aden, during the yoar onding S1st March 1S92-continued.


## B.-LITERATURE AND THE PRESS-continued.

(9)-Relurn of Pressef urorked, and Nevrepizpers or Perindiral Works publizhed, in the Boanbay

Presidency, including Sind and Aden, during the year ending ilst March 1893-contioned


## App. VII. B. (3).]

BOMBAY ADMINISTRATION REPORT.
$816: 1 \%$
B.-LITERATDRE AND THE PRESS-continued.
(3).-Return of Presses worked, and Nowspapars or Periodical Works pullished, in the Bombay Presidency, including Sind and Aden, during tho year ending 31st March 1892-continned.


## B.-LITERATURE AND THE PRESS-continued.

(3).-Return of Presees crorked, and Newepapers or Periodical Works publiwhel, ix the Bombay Presidency, including Sind and Aden, during the gear ending 31at March 1893-continned.


B--LITERATURE AND THE PRESS-conclyded.
(3).-Return of Presses worked, and Newspapers or Periodical Worke published, in the Bomhay

Presidency, including Sind and Aden, during the yoar encling S1st Mfaroh 1808-concluded.


CHAPTER IX.-MISCELLANEOUS. A.-ECCLESIISTICAL
Return qi Persons according to Religious Denominations in the Bumbay Presidency for 1891-9?



[^0]:    Nortb Gajarát

[^1]:    s 741 - 6 sc

[^2]:    Castoms:
    Bombay.

[^3]:    reier to those janglagles were handed over to the Chiof of that State, and the figurem given in this paragraph do

[^4]:    This will be reduced to $35 \cdot 4$ per cent. when reductions ordered by Government in their Resolution No. 3205,
    ted 4th April 1892, come into farce.
    tThrough an error in one of the return, the total remaining over at the ond of $1800-01$ was given an 62 in the
    seport of that year. It mhould have bean 62 .

[^5]:    This Bill was pasmod at a moeting of Conncil held on the 8th Mnreb 1802, and is avaiting the asent of His zeellency the Viceroy.

[^6]:    Tha figaren relating to cogoizable, crime are taken from Supplementary statemant Na I used by the:

[^7]:    : 541-16

[^8]:    E 741-18

[^9]:    (a) In lant yearn report the total income wat ahown at Rs, $\cdot 9,10,315$. The discrepancy is due to adjustments

[^10]:    
    
    
     the proseant report in dive to adjustrients of accoantia
    = $741-20$

[^11]:    (a) The fllmres for $1800-91$ do not agree with thoso shown in last year's report owing to a new head on acconnt of "Lhefunde" having been entered in the revised form of in latoment year'd repor

[^12]:    Beprodaction from seeds and shoots was benefited by the special measures of fire- Natural protection, which more than counterbalanced the drawbacks of a scanty rainfall.

    In the Northern Division of Kánara, in the Kárwár casuarina plantation, 185 seedlings were put down to fill up blanks. Of the 7,000 plants put down in Arge, 4,000 died from dronght. Thinnings were made in the Karwar plantation, and Rs. 848 were realized by the sale of trees felled. There were also 4,000 seedlings put out in open spaces in teak-cuttings. Of these 2,800 survived. In the Central Division of Kanara, of the 2,155 seedlings of teak, harda, and jungle-wood put out in the regular plantations, 1,820 survived. Norseries were slso kept up in the several ranges, and 15,876 seedlings available for transplantation were raised in them. Besides these operations, seeds of several kinds were sown broad-cast in the jungles, and the young reedlings that germinated were healthy and promising. In the Southern Division of Kanars, 25 acres were planted with teak seedlings that had germinated in, and been transplanted from, the forest, and $\mathbf{1 , 5 1 5}$ plants were thriving. In the Belgaum Division the experiment of sowing seeds with hoe-picks, made in the previous year, and repeated this year, was a failure. A regular plantation of 6 acres was made in Sampyann, and the nim and mango plants that were put down came on very well. At Hemadge, Khínápur range, 800 acres were fenced in, and sown with, seeds of various kinds, and a fair percentage of plants came up. In the Kolaba Division, 54 acres 30 gunthás in Karjat and Khanipur were sown with sandalwood and other seeds, in pits and broed-cast, at a cost of Rs. 392. In Ratnágiri, 24,777 seedlings were transplanted from the Dápoli nursery, and about 6 maunds of seed were sown broad-cast. The expenditure on plantations in the Southern Circle amounted to Rs. 2,011, against Rs. 3,822 in 1890-91.

    During the year special measures of fire protection were adopted, as usual, in the several Fires. divisions. $\Delta$ larger area was fire-traced in the three divisions of Kanara, Belgaum, and Dharwár than in the previous year. In spite of a very dry and unfavourable season the

    - 741-29

[^13]:    Wool (raw).-The total export trade was $88 \frac{1}{2}$ lakhs of rupees, and showed a decrease of 21 lakhs of rapees. Nearly all was exported to the United Kingdom, which took $67 \frac{4}{4}$ likhs of rupees, or 2 lakks less than last year. Two local mills used lbe. $11,20,000$, and the rest was exported.

[^14]:    -741-35

[^15]:    8741-48

[^16]:    There was a considerable increase in the amount of foreign notes encashed this year as compared with the previous three years, but it was confined to the notes of the Calcutta and Madras Circles of Issue; for the notes of other ciroles ahowed a decrease. As regards the notes of the Karachi Sub-Circle required to be cashed at Bombay, there was a large falling off during the year under report, which pointed towards the growing importance of Karachi as a commercial centre and its decreasing dependence on Bombay.

    The amount of shroff-marked coins withdrawn from circulation during the year 1891-92
    was Re. 24,096.
    The receipts and issues of small silver during the year as compared with those of 1890-91 were as follows:-

[^17]:    

[^18]:    Comparing the numbers ( $18,454,414$ ) of the former censun, 17 th February 1881, with those $(18,857,044)$ of last, 26th February 1891, it is seen that an increase of $2,402,630$ in the total population for the Presidency occurred during the last ten years. As only the vital statistics of the native civil population of the Presidency are compiled, the calculations are based on the population exclusive of Europeans and Eurumians. The following table shows the enumerated population by the census of 1801 cxcluaive of Europeans and Eurasians:-

[^19]:    - Thil figure doea not agree with that ahown in lant yesr's reg'ort owing to a reclamification of chargou,

[^20]:    8 741-53

[^21]:    (a) Coat upder Crant 3.-Begimentel Pay, Allowancen and Charyen.
    (b) Coot undor Oranta 1, 2, $t$ to 10 and 18 to 15,-Kfioctive Berviced.

[^22]:    

[^23]:    114

[^24]:    

[^25]:    Fith throw whown at
    Dutriet for lution).

[^26]:    
    
    

