ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR

1945-46.

BOMBAY:
MUNICIPAL PRINTING PRESS.
1946

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REVIEW OF THE STANDING COMMITTEE OF THE ADMINISTRATION REPORT OF THE MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY FOR THE YEAR 1945-46.

The Municipal Commissioner's Administration Report for the year 1945-46 sets out in detail the working of the Municipal machinery for the year under review. The War is over but the hope expressed by the Standing Committee in the last year's Review, that handicaps as a result of the War situation preventing development of the Municipal administration would disappear, has not been realised. If anything, the situation is more acute to-day than ever before and the Municipal administration finds itself faced with a herculean task of maintaining and augmenting the civic services.

Corporation.

2. Dr. Jos. Alban D'Souza, B.A., L.M. & S., was the Mayor of Bombay during the year. Mr. S. L. Silam, B.A., LL.B., was the Chairman of the Standing Committee and Mr. V. A. Karapurkar, F.C.I., (Eng.), was the Chairman of the Improvements Committee. Mr. Salebhoy Abdul Kader was the Chairman of the Schools Committee during the year.

The personnel constituting these bodies at the end of the year is set forth at page 2 of the report.

Commissioner.

3. Mr. U. M. Mirchandani, I.C.S., continued to hold the office of the Municipal Commissioner for the year.

Financial.

4. After a lapse of 9 years, the General Tax was again increased during the year by 1 per cent, and was recovered from lands and buildings in the City at 12 per cent. Other rates of taxation levied by the Corporation remained unchanged during the year.

Variations in Income.

5. At the beginning of the year the Opening Cash Balance was actually Rs. 69.08 lacs showing an improvement by Rs. 5.08 lacs over that of the previous year. Likewise, the actual income of the year, *viz.*, Rs. 487.37 lacs, showed improvements both in the budgeted amount, *viz.*, Rs. 447.09 lacs, and over the actuals for the previous year, *viz.*, Rs. 429.78 lacs. These increases are attributed to increase in the General Tax, revision of the rateable values of several properties in the City, change in the mode of levy of Town Duty on Timber, etc. The actual total expenditure of the year amounted to Rs. 493.13 lacs, which was less by Rs. 3.60 lacs than the budgeted amount of Rs. 496.73 lacs, but more by Rs. 80.18 lacs than the actual for the previous year, *viz.*, Rs. 412.95 lacs. The expenditure includes an amount of Rs. 55 lacs credited to the Post-War Reconstruction Fund, otherwise the actual expenditure incurred on various services is Rs. 438.13 lacs. The actual income and the expenditure for the year show a deficit of Rs. 5.76 lacs. If, however, the amount of Rs. 55 lacs credited to the Post-War Reconstruction Fund is removed from the expenditure side, the year's working shows a surplus of Rs. 49.24 lacs against the anticipated surplus of Rs. 5.36 lacs. After adjustments of Advances during the year, the closing balance at the end of the year was Rs. 60.20 lacs against the budgeted balance of Rs. 7.35 lacs.

There was an increase of Rs. 40.28 lacs in the actual income over the budgeted amount of Rs. 447.09 lacs. The principal heads which contributed to this increase were (1) General Tax—Rs. 10.08 lacs of which Rs. 9.53 lacs were realised from the Public due to increase in General Tax and revision of rateable values of properties including those of the Royal Western India Turf Club; (2) Town Duties—Rs. 3.96 lacs; (3) Interest and Profit on investment of Surplus, Loan and other Balances—Rs. 1.91 lacs; (4) Water Works—Rs. 3.24 lacs; (5) Street Cleansing and Conservancy, etc.—Rs. 4.13 lacs—partly due to increased realisations under Halalkhore Tax as a result of revised valuations of properties and partly due to recovery of arrears for Special Service rendered to the Military authorities; and (6) Markets and Slaughter Houses—Rs. 4.12 lacs due to realisations of more than anticipated receipts for Fair Ground and Feeding Fees, etc.

The sale proceeds of surplus land during the year amounted to Rs. 4.35 lacs against Rs. 5.07 lacs in the previous year. As the total realisations fell short by Rs. 5.65 lacs of the amount of Rs. 10 lacs to be credited to revenue from this source, the deficit (Rs. 5.65 lacs) was transferred from the Land Sales Reserve Fund to revenue. As a result of this transfer, balance in the said Fund stood at Rs. 14.91 lacs against Rs. 19.96 lacs at the beginning of the year.

Variations in Expenditure.

6. As stated above the actual expenditure for the year amounted to Rs. 493.13 lacs which was less by Rs. 3.60 lacs than the budgeted amount of Rs. 496.73 lacs. The final sanctioned grants, however, amounted in the aggregate to Rs. 537.21 lacs, which includes the amount of Rs. 19.15 lacs of the unexpended grants of previous years renewed for expenditure and Rs. 21.33 lacs of additional grants sanctioned during the year.

Adjustments in items of expenditure by transfers of grants without affecting the total Budget provision for the year amounted to Rs. 6.37 lacs. In the last three years, the total of such transfers amounted to Rs. 11.01 lacs, 9.44 lacs and Rs. 5.68 lacs, respectively.

The principal items which contributed towards decrease in expenditure were (1) Education Primary—Rs. 1.75 lacs mainly due to less contribution required to be made to the Schools Committee; (2) Supply of Milk to undernourished needy children attending Municipal Schools—Rs. 1.13 lacs due to less number of children having taken advantage of the scheme; (3) Maintenance of Roads—Rs. 1.87 lacs; and (4) Public Lighting—Rs. 2.03 lacs.

Loan Works.

7. The Opening Balance on 1st April 1945 on account of Loan Funds excluding Trust Funds was Rs. 7.61 lacs against Rs. 9.27 lacs, Rs. 17.30 lacs and Rs. 11.42 lacs in the previous three years. During the year the amount of loan raised was Rs. 23.49 lacs against which the total expenditure amounted to Rs. 22.38 lacs of which Rs. 17.33 lacs were spent on works and other charges; Rs. 5.05 lacs were repaid to the Land Sales Reserve Fund against the outstanding balance of Rs. 16.46 lacs. Thus, the unspent balance left at the close of the year stood at Rs. 8.72 lacs. It is very significant to note that the Budget Estimates for expenditure out of Loan and Trust Funds during the year amounted to Rs. 43.30 lacs which was the highest for the quinquennium period beginning from 1941-42. The Revised Estimates were increased to Rs. 50.32 lacs which was the second highest for the said quinquennium period, the highest being Rs. 52.41 lacs in the year 1941-42. But the actual expenditure for the year under report amounted to Rs. 17.05 lacs only; the actuals thus fell short of the Budget and the Revised Estimates by 61 and 66 per cent., respectively. Times out of number the Standing Committee have commented on this disparity but it appears that these comments have been studiously ignored by the departments and they continue to ask for more and more grants for Capital Works when perhaps they are conscious that due to pacuity of materials and labour and due to other factors, they are not able to complete even half of the Capital Works Programme. The percentages of disparity of 61 and 66, it may be noted, are the highest for the quinquennium period.

Outstanding debt on 1st April 1945 was Rs. 1379.18 lacs. To this was added the amount of Rs. 23.49 lacs raised during the year. Deducting the amount of Rs. 107.65 lacs repaid during the year, the outstanding debt at the close of the year was Rs. 1295.03 lacs.

Sinking Funds.

8. The book value of investments of the Sinking Fund at the end of the year stood at Rs. 339.88 lacs. Valuing the Municipal and the Improvement Trust Debentures at par, the market value of the Sinking Fund Investments at the close of the year came to Rs. 365.48 lacs which together with the amount of interest accrued upto 31st March 1946, *viz.*, Rs. 3.11 lacs and cash of Rs. 323 in the Imperial Bank of India, brought the total amount of Sinking Fund to Rs. 368.59 lacs against Rs. 339.96 lacs which should have accumulated in the Sinking Fund upto 31st March 1946. The excess in the Fund thus amounts to Rs. 28.63 lacs, which sufficiently secures the loan liabilities of the Corporation.

Improvement Schemes General Account.

9. The total income under this Account during the year was Rs. 100.96 lacs against Rs. 102 lacs and Rs. 95.45 lacs of the previous two years. The total expenditure for the year came to Rs. 102.05 lacs against Rs. 99.53 lacs and Rs. 97.95 lacs of the last two years. The net deficit for the year was Rs. 1.08 lacs.

Loan Account.

The *ex*-Trust Loan liabilities at the commencement of the year were Rs. 1583.66 lacs against Rs. 1612.81 lacs and Rs. 1617.88 lacs at the beginning of previous two years. No loan was raised during the year while an aggregate amount of Rs. 5.98 lacs was repaid of which Rs. 5.43 lacs were repaid to Government and Rs. .55 lac to the debenture holders out of the 5½ per cent. loan of Rs. 25 lacs. The outstanding liabilties at the close of the year amounted to Rs. 1577.68 lacs of which the liability to Government was only Rs. 562.19 lacs.

Capital Account.

The Opening Balance of the year in this account was Rs. 130.60 lacs against Rs. 118.08 lacs in the previous year. During the year receipts from sale proceeds of lands and buildings came to Rs. 28.88 lacs against Rs. 36.12 lacs in the previous year. The expenditure incurred out of this account was Rs. 3.72 lacs. After meeting the deficit of Rs. 1.08 lacs in the General Account, the unspent balance at the close of the year stood at Rs. 154.13 lacs.

The actual expenditure on Schemes during the year came to Rs. 3.72 lacs against Rs. 4.23 lacs and Rs. 4.97 lacs in the previous two years. The total expenditure on all Schemes upto the end of the year amounted to Rs. 1904.13 lacs of which Rs. 14.66 lacs represented discount and other charges on loans.

On 1st April 1945 the amount of Sinking Fund was Rs. 348.66 lacs. With addition of interest, etc., on realisations amounting to Rs. 15.65 lacs and the Sinking Fund Instalments of Rs. 5.70 lacs, the amount at the end of the year in the Sinking Fund stood at Rs. 370.01 lacs. Valuing the Improvement Trust and Municipal debentures at par, the market value of investments in the Sinking Fund came to Rs. 373.71 lacs. With the amount of interest accrued upto 31st March 1946, *viz.*, Rs. 1.30 lacs and cash of Rs. 265 in the Imperial Bank of India, the total amount in the Fund came to Rs. 375.01 lacs against Rs. 318.57 lacs to which the Fund should have accumulated on 31st March 1946. The excess in the Sinking Fund Investment was Rs. 56.44 lacs.

The total amount of loans on Improvement Schemes account outstanding on 1st March 1946 was Rs. 1578 lacs of which Rs. 367 lacs were borrowed from Government and the balance, *viz.*, Rs. 1211 lacs represented loans raised by issue of debentures, of which Rs. 735 lacs were borrowed from the public.

Post-War Reconstruction Fund.

10. During the year a Special Fund called the Post-War Reconstruction Fund was created and a sum of Rs. 55 lacs was credited to that Fund out of general Municipal Revenue to meet expenditure on services affecting the sanitation and health of the City and on amenities which were very necessary to be provided in the post-war period.

11. The Corporation continued to conduct the Government Subsidised Milk Scheme and Government had deposited with the Corporation Rs. 13.50 lacs to meet the expenses of the Scheme. The total expenditure on the Scheme during the year was Rs. 212.49 lacs and the receipts realised on account of sale of milk amounted to Rs. 107.29 lacs.

Taxation, Demand Collection and Outstanding

12. During the year after the lapse of a period of 9 years, the General Tax levied on properties in the City was increased by one per cent., while the other rates of taxation continued to be the same. Similarly, there was no variation in the rate of water supplied by meter measurement except in the case of (1) the Textile Mills, (2) the Race Course, and (3) the Bombay Port Trust properties. The other rates varied according to the purpose for which water was used and ranged between As. 10 and Rs. 2 per 1,000 gallons.

The number of properties shown on the Assessment Register during the year was 50,571 against 49,631 and 49,016 in the preceding two years. Of the 50,571 properties, only 41,492 were assessed to General Tax, while 1,620 properties were exempted under the Municipal Act and 6,376 plots were not taxed as 2,998 were small plots of waste lands, etc., and 3,378 were Municipal plots. Further, 1,083 Municipal properties were exempted from General Tax. During the year 214 properties were demolished, while 1,241 and 967 properties were newly-erected and enlarged, respectively. There were increases of 1,413 and 716 in the number of single room tenements (2,36,901) and flats or blocks (40,540) over that of the previous year, *viz.*, 2,35,488 single room tenements and 39,824 blocks or flats, but the number of double room tenements showed a decline of 568 in the year, being 52,069 against 52,637 in the preceding year.

The rateable values of properties show an increase over the last three years' values, being Rs. 16,71,69,555 on 31st March 1946, against Rs. 16,00,98,370; Rs. 15,93,54,514 and Rs. 14,63,63,848 on the corresponding date in the preceding three years. It it reported that the value works out to Rs. 72-11-0 per head of population against Rs. 69-10-0 in the preceding year.

The total number of vehicles and animals taxed during the year including those taxed under the Public Conveyance Act was 30,058.

During the year the basis of wheel tax from hack-victorias, labour and hand carts with and without rubber tyres, was revised and they were granted a rebate of one anna in a rupee on the lines of similar rebate granted by Government for tax levied by them, on motor vehicles for the reason that the vehicles had to pay tax for the whole year in advance instead of for each quarter as in the case of other vehicles.

During the year 87,552 and 90,528 bills were issued, respectively, for property and wheel tax of which 86,166 and 85,947, respectively, were for the year under report and the remaining in each case were for previous years. The total gross demand amounte d to Rs. 427.59 lacs, of which Rs. 408.33 lacs related to property taxes and the balance, *viz.*, Rs. 19.26 lacs, to wheel tax. The collections against these demands, amounted to Rs. 361.99 lacs and Rs. 15.74 lacs, respectively, giving a percentage in each case of 89.64 and 86.07, respectively. The percentage of the total recovery to the total demand worked out to 89.49. The outstandings of Rs. 44.37 lacs at the end of the year were reduced to Rs. 27.76 lacs on 30th June 1946, by recovery of Rs. 16.16 lacs, and by recalling or cancellation of bills for Rs. 0.46 lac. Of this outstanding amount, a sum of about Rs. 2.75 lacs is due from the Royal Western India Turf Club for the disputed rateable value of their properties. Another large outstanding of Rs. 8.24 lacs is from the Government of India for premises requisitioned or structures constructed by them. It is disputed that the Central Government properties are not liable to be taxed in the absence of any central legislation authorising such levy. The Standing Committee hope that this dispute will soon be settled and the Corporation will not be deprived of its legitimate dues especially at a time when it is in need of funds to meet the ever growing liabilities. Outstandings against the private rate-payers amounted to Rs. 13.50 lacs against the demand of about Rs. 287.09 lacs, which comes to only 4.7 per cent.

The total amount of exemptions from General Tax allowed to different properties during the year came to Rs. 12.56 lacs against Rs. 11.46 lecs, Rs. 11.30 lacs and Rs. 9.98 lacs in the preceding three years. The Standing Committee desire that a fuller explanation for these exemptions may be stated in the report, as these show a tendency towards an increase during the last four years.

During the year, the claims received for Drawback and Refund numbered 85 and 1,941, respectively. In the preceding two years the claims for Drawback were 361 and 6,938 and those for Refund were 1,452 and 4,448. Of the claims received during the year under report 8 and 1,485, respectively, were admitted and the amount allowed came to Rs. 667 and Rs. 83,637, respectively. Complaints against the assessments fixed during the year and against those originally fixed numbered 1,486 and 2,212. While 58 appeals were made against rateable value. During the year, the principle of assessing cinema theatres on " Capacity basis " was well established. Similarly, the Railway Administrations having disputed the Municipal mode of assessment, *viz.*, the contractors' basis, the matter was referred to the arbitration of the Hon'ble Mr. Justice Chagla when an arrangement was arrived by which it was agreed that the rateable value of the two Railway undertakings should be ascertained on " annual profits " basis on the principles of the English Railways Valuation of Rating Act, 1930, so far as they are applicable to India, except in regard to certain premises.

The Urban Immovable Property Tax.

13. The rate of taxation continued to be the same, *viz.*, 7 per cent. and 3½ per cent. on properties having rateable values of above Rs. 2,000 and Rs. 500, respectively, in each case. The net demand was Rs. 102.03 lacs against which the amount collected was Rs. 91.53 lacs and refund and drawback allowed amounted to Rs. 29,799 and Rs. 361, respectively. The collection amounted to Rs. 89.7 per cent. of the demand.

Town Duty.

14. During the year of report while the gross realizations of Town Duties showed an increase of Rs. 1.97 lacs over that of the previous year, the refunds showed a decline of Rs. .19 lac, the respective amounts for the year being Rs. 26.89 lacs and Rs. 4.68 lacs against Rs. 24.92 lacs and Rs. 4.87 lacs of the preceding year. The net revenue derived from this source during the year was Rs. 22.21 lacs against Rs. 20.06 lacs and Rs. 16.90 lacs of the previous two years, respectively. Principal increases were from Grains, Wines and Spirits, Ghee and Timber and amounted, respectively, to Rs. 1.15 lacs, Rs. .65 lac, Rs. .31 lac and Rs. .64 lac over the net revenue of the previous year. There were, however, decreases in revenue from Sugar, Beer and Firewood and they came to Rs. .55 lac, Rs. .02 lac and Rs. .05 lac. The increase in receipts from Timber during the year was nearly Rs. .2 lacs over that for the year 1942-43 mainly due to the departmental valuation of Timber.

The number of claims for refund showed a decline over that for the previous two years, being 5,527 during the year against 5,667 and 5,880 of the two previous years, respectively, and the amount refunded was Rs. 4.68 lacs against Rs. 4.87 lacs and Rs. 3.83 lacs of the previous two years.

During the year 2.91 lacs packages of Sugar, Jaggery and Mollasses were stamped and 4,772 packages of Ghee and its substitutes were sealed with Municipal marks for indentification upon re-export against 4.07 lacs and 3,009 packages, respectively, in the previous year and the fees recovered therefrom amounted to Rs. .17 lac against Rs. .21 lac, Rs. .26 lac and Rs. .49 lac of the preceding three years. Though the gross collections and net revenue show an increase over the previous year's amounts, the departmental collection of Town Duties on goods coming into the City from the three Causeway *viz.*, Mahim, Sion and Chembur, shows a decline of Rs. .30 lac over the previous year's collections. The amount collected during the year was Rs. 2.51 lacs against Rs. 2.81 lacs of the last year. In the two years preceding the last year, the collections so realised amounted to Rs. 1.87 lacs and Rs. 1.26 lacs, respectively.

Town Duty is one of the sources of revenue of the Corporation from which a substantial amount should be realised to meet the growing recurrent liabilities on the Municipal finances. The amended Schedule which has long since been submitted to Government for legislation is further proposed to be modified so that besides increasing the list of articles on which duty can be levied, duties on the existing articles be enhanced to secure additional revenue. Now that the popular ministry is in the Province and legislatures have resumed their work, the Standing Committee hope that Government will very soon undertake legislation to amend Schedule H to enable the Corporation to secure larger revenue from this source.

Elections.

15. In accordance with the provisions of the Municipal Act, the Election Roll was revised and published on 20th December 1945. The total number of voters in all the 19 Wards of the City increased to 3,33,863 against 3,19,480; 3,08,467 and 2,76,960 in the preceding three years. Similarly, the Registered Trade Union Constituencies contained 241 names of delegates against 106 in the previous year. During the year, in all eight casual vacenices in the office of Councillors occurred of which seven were in the General Wards and one in the Bombay Chamber of Commerce constituency. As necessary Sections of the Municipal Act pertaining to elections on Adult Franchise basis have been revised, the preliminaries for holding the General Elections in 1947 commenced from 1st February 1946. The City has been divided into 34 Wards for conducting elections on Adult Franchise basis.

Architectural.

16. The total number of properties in charge of the Architectural Branch during the year of report increased to 2,448 from 2,330 and 2,271 in the previous two years. The total Budget grant—Revenue and Loan Works—assigned for works under the control of this Branch amounted to Rs. 19.73 lacs. Against this provision, the actual expenditure came to Rs. 10.46 lacs, *i.e.*, 53 per cent. of the total Budget grant. This low percentage of expenditure is due to the curtailment of several constructional works due to high cost of materials and difficulty of obtaining them. For similar reasons several New Works and Special Repair Works were also deferred. The Branch supervised the works of constructing 300 and 100 one-room tenements at Arthur Road and Wadala, respectively, provided for dishoused victims of the Dock explosions of 14-4-1944. As the World War II had come to an end, the Branch also carried out works of repairs, overhauling and re-instating in their original condition buildings which were requisitioned for A.R.P., etc., purposes before releasing them to the original owners.

50 plans and 61 major estimates amounting to Rs. 58,251 for different works were prepared by the Design and Drawing Section, while 1,796 estimates amounting to Rs. 30.75 lacs were prepared by the Repairs Section for New Works, Special Repairs Works, etc.

Private Buildings.

17. The total number of applications received for the construction of new buildings or alterations and additions to the existing ones, during the year was 2,938 against 2,373 and 1,581 in the preceding two years. The amount paid for set-back compensation during the year was nearly the same as in the previous year, being Rs. 1.61 lacs against Rs. 1.59 lacs of the preceding year. By this acquisition the area added to roads admeasured 725.74 square yards at a cost of Rs. .06 lac against 4,215.93 square yards at a cost of Rs. .24 lac in the preceding year. Out of 1975 notices issued against house owners for removal of unsafe buildings or portions thereof, 1,263 were complied with and the remaining 712 were pending at the close of the year. There were 53 cases of house collapses during the year. Out of these in 15 cases 32 persons were injured and in 4 cases 12 persons were killed. In the remaining 38 cases there was no casualty. Out of 1,679 notices issued for the removal of unauthorized projections, 1,356 were complied with. A gross income of Rs. 1.27 lacs was derived for granting permits for temporary projections, such as, stall-boards, weather frames etc., while the total expenditure incurred thereon was Rs. .33 lac, yielding a net income of Rs. .94 lac. The corresponding figures for similar permits in the previous year were Rs. 1.34 lacs, Rs. .36 lac and Rs. .98 lac, respectively.

The paucity of building materials continued during the year and there was a further decline in the the construction of new tenements. During the year 52 one-room tenements, 11 two-room tenements and 6 larger tenements were constructed against 57, 18 and 8 in the previous year and 159, 83 and 106, respectively, in the year 1943-44, while 14 one-room tenements and 10 two-room tenements were demolished during the year. The extreme over-crowding in the City caused by increase in civil population and requisition of buildings for military or Government personnel and offices continued in the City. The Standing Committee feel that it is high time that some measures are taken in the matter by Government and the Corporation so as to secure adequate housing accommodation for the stabilized population of the City. Revised Municipal Building Bye-laws were confirmed by Government in the year and came into force from 1-3-1946.

Drainage and Sewerage.

18. There was a decline in the total volume of sewage received at the Dadar Purification Works, which amounted to 3653.88 million gallons, giving an average of 10.28 million gallons per day, against 4057.48 and 4558.11 million gallons in the preceding two years. Crude sludge digested amounted to 18.25 million gallons, the same as in the previous year. The total volume of gas generated was 20,868.100 c.ft. *i.e.*, an average of 57,173 c.ft. per day against 62,761 c.ft. per day in the previous year. The decline is attributed to leaks from the hoarding roof of the Digestion Tank which is under repairs. The potential income calculated at Rs. 4 per 1,000 c.ft. of gas generated amounted to Rs. .83 lac while only 12,845,700 c.ft. of gas generated was economically used and the total income derived therefrom was Rs. .39 lac against Rs. .30 lac in the previous year. The increase in income is due to the extension of sludge gas supply to the Wadia group of hospitals. Due to a mechanical trouble in the high presssure sludge gas compressor plant, the lorry fitted with sludge gas cylinder could not run on sludge gas. It is now proposed to have another compressor as a stand-by to prevent break down of the service in future. The Standing Committee hope that due precautions will be taken in the matter by the executive so that while in future the Municipal fleet of vehicles are run on sludge gas, the breakdown of the compressor plant does not dislocate the service. It is unfortunate that the compressor plant should have been allowed to remain unused for one full year.

Repairs and Maintenance of Roads and Foot-Paths.

19. During the year the City had approximately 267.393 miles of roads against 264.705 and 263.57 miles in the preceding two years. During the year 725.74 square yards were added to roads from the set-back lands acquired in the different parts of the City. Three new Traffic Islands were laid out as a traffic amenity and two temporary islands were made permanent during the year. The total number of street lamps at the end of the year was 10,864 which exceeded

the total of the previous year by 26. The candle power of gas lamps varied from 70 to 4,000 and of electric lamps from 40 watts to 500 watts. There is one lamp of 1,500 watts at Sandhurst Bridge. Due to disturbances in the City at the close of the year (in February 1946) about 2,000 gas lamps, 393 electric lamps and 14 Incandescent Oil lamps were damaged involving a damage to the extent of Rs. .70 lac, a claim for which has been lodged with Government. Due to improvement in the supply of road materials a considerable area of the long deteriorated roads could be repaired and restored to normal conditions. Similarly, 1,399 square yards of *kutcha* foot-paths were paved and 5,244 square yards surface-dressed.

Removal of Town Refuse

20. Two trains of an average of 34 wagons each were despatched every day to Deonar for transport of the bulk of the City's refuse. During the year thus 22,929 wagons were sent against 21,873 in the last year. With an average of 12 tons per wagon, the quantity of refuse removed to Deonar was 2.75 lacs tons against 2.62 lacs tons during the previous year. The total cost of removal and disposal amounted to Rs. 3.43 lacs against Rs. 3.30 lacs in the previous year, showing a slight decrease of 1/4 anna per ton. The rate per ton worked out to Rs. 1-3-11 against Rs. 1-4-2 per ton of the last year.

Estate and Land Management.

21. The making of a Town Planning Scheme for the Mandvi area devasted by explosions in the Dock area and subsequent fires in April 1944, was sanctioned by Government during the year. The work of surveying buildings covered by the Scheme and of the preparation of the valuation statements was taken in hand. In the meanwhile 185 permits were granted to owners to put up temporary structures in the area.

Out of the total area of 139.36 lac square yards (about 2,879 acres) of land vested in or acquired by the ex-Trust about 41 per cent. remained to be developed and of the developed area 7.6 per cent remained to be leased. The average value of the leased plots is Rs. 20 per square yard., while that of the plots remaining to be leased is estimated at Rs. 23 per square yard. These figures are the same as of the previous year and require some elucidation in future reports.

147 plots covering an area of 2.01 lac square yards *i.e.*, about 41.5 acres against 89 plots in the previous year covering an area of 2.13 lac square yards (44 acres) were let out or leased at a total value of Rs. 48.50 lacs against Rs. 49.68 lacs in the previous year. One plot of land admeasuring 100 square yards was sold out-right at Rs. 1,000. Out of the plots disposed of in 1945-46 or earlier, 3 plots were surrendered to or re-entered by the Corporation covering an area of 1,643 square yards and having a capital value of Rs. 1.25 lacs, yielding an annual rent of Rs. 6,924. Thus the total number of plots disposed of upto the end of the year came to 3,841 covering an area of 52.24 lac square yards (about 1,059 acres) valued at Rs. 1,035.36 lacs, yielding an annual rental of Rs. 36.25 lacs. Of the 147 plots leased duing the year, 57 plots were from the Sion-Matunga Estate and 44 were from the Worli Extension Scheme 58.

During the year an amount of Rs. 27.86 lacs was received by way of commutation of ground rent or premium *i.e.*, Rs. 12.96 lacs from commutation and Rs. 14.90 lacs from premium. The total amount so received from 1934-35, *i.e.*, since the amalgamation of the *ex*-Trust with the Corporation, comes to Rs. 255.42 lacs.

The Department was in charge of 610 acquired or surrendered buildings containing 5,247 tenements of which 3,893; 686 and 274 were, respectively, one-room, two-room and larger tenements. In the course of the year 6 buildings were sold, one was demolished and two were transferred to the Vacant Land Register, leaving at the end of the year 601 buildings with 5,148 tenements of which 3,843, 629 and 309 were one and two-room and larger tenements. The rents realised from these buildings aggregated to Rs. 6.62 lacs against Rs. 7.94 lacs; Rs. 7.49 lacs and Rs. 6.62 lacs in the previous three years. The fall in rents is due to the sale of buildings and non-receipt of Municipal dues from the Military Authorities and the Government of India Departments in respect of requisitioned properties.

The gross rental demand of *ex*-Trust Chawls was Rs. 9.64 lacs which was the same as last year, while the net demand after excluding vacancies and concessional rents came to Rs. 9.32 lacs. Against this demand, the annual rent collected amounted to Rs. 8.40 lacs *i.e.*, 90.17 per cent. of the net demand. Deducting from Rs. 8.40 lacs, the amount of Rs. 6.47 lacs spent as expenses, the net income came to Rs. 1.93 lacs.

The average population in *ex*-Trust Chawls during the year was 50,144 against 48,996 and 45,168 in the previous two years. The death rate in these chawls was 7.9 per 1,000 against 7.4 and 5.8 per 1,000 in the previous two years.

Water Supply.

22. The total quantity of water supplied to the City and the Suburbs during the year from various sources was 42,266 million gallons which gave an average daily supply of 115.79 million gallons against the total quantity of 41,802 million gallons and 41,820 million gallons in the previous two years with a daily average of 114.52 million gallons and

114.26 million gallons, respectively. Average daily supply to the City was 110.93 million gallons. Taking the population of the City as per census report of 1941, *viz.*, 14.90 lacs, the average daily supply in the City per head per day worked out to 74.45 million gallons. While taking the City's population on the assumed total of 25 lacs, the average per head per day came to 44.37 gallons. The maximum and the minimum daily supply per day came to 126 and 104 million gallons, respectively. The percentages of water supplied for domestic and other purposes were 51.495 and 48.505, respectively, *i.e.* the total quantity of water supply given purely for domestic use was 21,753.29 million gallons against 26,045.14 million gallons in the previous year, when the percentage for domestic and other purposes stood at 62.31 and 37.69, respectively.

In all 2,052 properties were supplied 9631.52 million gallons of water by meter measurement which gave a percentage of 22.82 of the total supply, against the supply of 8952.55 million gallons to 2,039 premises in the last year when the percentage to the total supply was 21.41. As in the last year, of this metered supply, 82 mills consumed 2383.50 million gallons representing the highest percentage of 5.69 in the group of such properties. The next highest percentage of 4.23 was in respect of metered supply to the Suburbs which consumed 1773.09 million gallons. The group which consumed the least quantity of metered supply was 6 Flour Mills with 7.77 million gallons giving a percentage of 0.017. The total revenue from metered supply was Rs. 83.28 lacs showing an increase of Rs. 13.66 lacs over the previous year's income of Rs. 69.62 lacs from this source. Due to the difficulty of securing meters as also their spare parts for repairs, 45 connections were charged on their discharging capacity and 11 on *pro rata* basis, while small trade concerns had to remain unmetered.

The Distribution and Waste Prevention Branch attended 1,132 fire calls against 796 of the previous year to regulate water supply according to the needs of the situation. This gives an average of over 3 calls per day. It is reported that the number of fire calls during the year is the highest recorded so far.

The Department continued to maintain as in the previous year, 78 drinking fountains, 17 cattle troughs, 37 drinking fountains with cattle troughs, 61 stand post hydrants and 2 dipping wells for gratuitous supply to the general public.

The Department also maintained gardens along the slopes of Gibbs Road and Ridge Road, the Sir Pherozeshah Mehta Gardens, the Joseph Baptista Gardens and the Ladies' and Children's Gardens at Ridge Road. The last three gardens competed under different classes at the Vegetable, Fruit and Flower Show held in March 1946, and carried away several prizes in cash and Cups.

The number of short supply complaints was 3,223. It is reported that many of these complaints could be traced to ill-feelings between the landlords and the tenants as a result of the operation of the Rent Restrictions Act. The Standing Committee hopes that the executive will not enter into merits or demerits of these ill-feelings but will strive their utmost to attend to these complaints.

In 66 cases against 99 and 165 cases of the previous two years, sanction of the Standing Committee was obtained for severing water connections for non-payment of taxes, etc. However, only in 32 cases against 27 and 34 of such cases in the previous two years, the water supply was actually closed. It was subsequently restored on compliance with Municipal requirements.

Due to sporadic disturbances in the City damage to Water Works to the extent of Rs. 15,000 was caused, and a large quantity of water was also wasted. Repairs were promptly attended to by the staff very often at great personal risk.

385 miles of water mains against 378.38 miles in the last year of sizes varying from 57" to 3" were maintained during the year. It is gratifying to note that the mains were so efficiently maintained that only 15 bursts against 17 in the last year occurred on various mains and those were promptly repaired.

The number of connections on different premises was 52,163 against 51,752 of the previous year, showing an increase of 411.

The total expenditure incurred out of Loan Funds for laying new mains and other works amounted to Rs. 6.84 lacs against Rs. 6.42 lacs and Rs. 8.03 lacs. It will be an interesting comparison if the budgeted amount and the percentage thereof to the actual amount spent is given in the report so as to enable the Standing Committee to know how far the actuals fall short of the demands made by the department at the commencement of the year.

Several schemes of improvement of water supply in general were designed during the year. 89 estimates amounting to Rs. 149.97 lacs were prepared out of which plans and estimates for about Rs. 50,000 were sanctioned by the Corporation.

Preliminary work on the detailed survey of the Bhivpuri Scheme for utilizing the tail waters of the Bhivpuri Power Station for augmenting the City's water supply was taken in hand almost at the end of the year. A Special Officer of the grade of Executive Engineer, Public Works Department, Government of Bombay, was appointed for the purpose to work under the supervision and instructions of the Hydraulic Engineer.

Fire Brigade.

23. During the year under report, the Fire Brigade received 1,230 calls against 895 and 779 in the previous two years including more than one call received for one fire. Of these, 736 calls were for actual fires including 15 calls for fires outside the City limits. There were 383 false alarms and 11 calls for Special Rescue Services. The Standing Committee desire that in future a more detailed information may be given about the attendance on calls outside the City limits, such as, the name of the locality, the distance covered, the number of appliances employed, and the time for which the appliances were outside the City limits. Though there was an increase of 156 over the previous year's number of actual fires, the total loss caused was only Rs. 38.34 lacs showing a decrease of Rs. 13.53 lacs over the loss of the previous year. Of this loss, Rs. 24.18 lacs represented insured property. The highest estimated loss in one serious fire amounted to Rs. 5.12 lacs when about 6 tons of cinematograph films stored in a Film Distributing office were destroyed. At this fire 5 persons were burnt to death and 15 persons were severely burnt all over bodies. The second highest estimated loss was Rs. 3.21 lacs which was caused to a textile mill in the City. The highest number of fires, *viz.*, 107, occurred in February 1946 probably caused by the disturbances that occurred then. The lowest number was 30 in July 1945. As compared with the previous year, the casualities by fires during the year do not reveal a satisfactory statistics. 12 persons were burnt to death, 40 suffered fatal injuries and 123 received minor injuries. The corresponding figures for the previous year were 6, 5 and 51, respectively.

An approximate quantity of 71.94 lac gallons of water was used at fires of which only 48.63 lac gallons were drawn from Municipal mains against 57.73; 56.38 and 58.23 lac gallons in the immediately preceding three years with a total quantity of 71.69; 67.99 and 61.73 lac gallons, respectively, played on fires in those years.

From Appendix III to the Report it is revealed that the number of actual fires during the year, *viz.*, 737, was the highest for the decennium. This evidently shows that fire risk in the City is on the increase with increasing development of the hitherto undeveloped parts of the City and with the increase in the number of hazardous trades and occupations carried on in the City The Standing Committee here would therefore desire to say that the Department should be vigilant in its inspection of properties and try to find out places where cumbustible or inflammable articles are manufactured or stored and also see that they are properly isolated from residential and other surroundings with a view to minimising the loss of life and property.

The Ambulance Service in charge of the Brigade continued to be in great demand. With the increasing demand, there were difficulties in securing necessary replacements of the spare parts, tyres, tubes, etc. Consequently attendance to calls from outside the City limits had to be restricted to special circumstances only. During the year, the Service attended to 1,586 accident calls, 1,704 maternity cases and 3,786 hire calls against 1,475; 1,636 and 4,227, respectively, in the previous year. The total number of persons carried was 7,314 against 8,243 in the previous year, while receipts from attendance on hire calls amounted to Rs. 18,800 against 21,871 during the previous year. The total mileage covered by the ambulances was 47,828 against 55,096 miles in the previous year

Public Gardens.

24. As in the previous year, the Superintendent of Gardens was in charge of 18 gardens, 4 fountains, 2 Bandstands, 7 Traffic Islands, 3 Open Spaces, 48 Recreation Grounds, 1 Statue and 3 Ornamental Hedges. The Recreation Ground at the Gilder Tank Reclaimed Site was handed over from 1st September 1945 to the Schools Committee The play activities from this site were transferred to the triangular plot between Reynolds Road, Rebsch Street and Club Back Road. The number of visitors to the Victoria Gardens during the year was 27.48 lacs against 26.35 and 23.05 lacs in the previous two years, giving the daily average of 6,779 during the year and an annual average of 24.75 lacs for the last five years. The Victoria Gardens entered several competitions at the Vegetable, Fruit and Flower Show and won 2 Cups, 4 First Prizes and 8 Second Prizes. In order to provide recreation to visitors to the Victoria Gardens and other public places of resort, 21 Band and 26 IndianMusic performances were arranged of which 9 each were held at the Victoria Gardens. Besides, Music was also relayed from Gramphone Records at some of these places.

The Zoo Section of the Victoria Gardens had new additions in birds, animals and reptiles secured as presents, purchased or got in exchange. Botanical specimens were continued to be supplied to educational institutions and prominent visitors and students were taken round the gardens.

Victoria and Albert Museum.

25. As the Museum was closed for three months from 1st November 1945 to 31st January 1946 for urgent repairs, it was kept open to the public for 233 days only against 307 and 314 in the preceding two years, respectively. The total and the daily average attendance of visitors stood at 11,63,403 and 4,993, respectively, against 16,36,384 and 5,330

respectively, of the previous year. It is reported that a large number of ladies and children visited the Museum on Wednesdays when the Museum is kept open for them only. In their Review of the report for the year 1944-45, the Standing Committee had remarked that the Corporation should have been apprised of this practice before its introduction, but those remarks have not been answered even in this year's report. The number of pupils from Primary and Secondary Schools that visited the Museum during the year was 6,690 against 10,544 in the previous year.

Municipal Free Reading Rooms and Libraries.

26. During the year 668 books in Hindi, Marathi, Gujarati, Urdu and English were purchased and 5 foreign magazines and important Indian periodicals were subscribed for the different Municipal Libraries and Reading Rooms. 3,70,101 persons attended the Municipal Libraries against 3,77,677 readers in the previous years. A little more detailed information of this activity taken up by the Corporation would be useful to determine what service it renders to the public. Information about cost of maintenance, issue of books, etc., to the public, advantage taken by ladies, etc., would be useful.

General Stores.

27. During the year 88 tenders against 77 last year were invited for purchases of stores and 1,467 market rate enquiries against 1,473, in the last year were made for securing articles which were not in stock or for which no contracts were entered into. 57 contracts against 56 in the preceding year were made for various schedule articles. The value of stores or materials purchased during the year amounted to Rs. 19.88 lacs against Rs. 18.21 lacs in the preceding year. Of this amount, the value of articles of Indian manufacture amounted to Rs. 18.30 lacs and the balance, *viz.*, Rs. 1.58 lacs, was for foreign goods. 20,865 indents or sales-memos were received from the different department for stores against 20,188 in the previous year. 3,763 orders were placed with contractors and others for supply of stores, etc., against 3,887 and 3,442 in the previous two years.

The total turn over of the Department during the year amounted to Rs. 39.38 lacs against Rs. 36.50 lacs, Rs. 33.12 lacs, Rs. 26.31 lacs and Rs. 29.09 lacs in the preceding four years. Thus the year's turn over was the highest for the quinquennium period. This increase is attributed to increased demand for materials and higher rates for articles. In spite of cessation of hostilites, the scarcity and high rates of materials continued resulting in the highest amount for purchases made druing the last five years.

The unserviceable stores, C. I. and other scrap were sold by public auction and the amount realised therefrom was Rs. .44 lac against Rs. .40 lac and Rs. .25 lac in the preceding two years. The highest rate realised by sale of C.I. scrap was Rs. 131 per ton against Rs. 130 in the last year.

The value of stores on hand at the close of the year amounted to Rs. 10.38 lacs against Rs. 9.99 lacs, Rs. 10.06 lacs, Rs. 7.71 lacs and Rs. 6.42 lacs in the immediately preceding four years.

Licences.

28. During the year 25,751 licences and permits were issued under different Sections of the Act administered by the Department, against 25,263 and 24,829 of the preceding two years. The amount collected therefrom amounted to Rs. 2.63 lacs against Rs. 2.54 lacs and Rs. 2.49 lacs in the previous two years. Fees for 125 licences amounting to Rs. 1,092 were outstanding at the close of the year while the corresponding figures for the previous year were 96 and Rs. 796.

In their last review the Standing Committee had suggested that no permit or licence be issued or renewed until payment therefor had been made. From the increase this year, both in the number and the amount outstanding of such licenses, it appears that this suggestion has not followed up. The Committee therefore once again reiterate the suggestion and hope that it will be adopted by the Department.

There was a loss of revenue of Rs. 9,971 against Rs. 18,259 of the previous year due to the disuse or demolition of old licensed places.

Receipts amounting to Rs. 1.41 lacs were received from 2,116 permits issued for advertisements during the year. These compare favourably with the figures of the two preceding years when the fees collected amounted to Rs. 1.35 lacs and Rs. 1.15 lacs, respectively, for 2,571 and 2,470 permits. The Standing Committee desire to point out that with the cessation of hostilities and development and progress in post war trade, commerce and industries, there will be increasing display of advertisements requiring Municipal permits and that therefore the executive should be vigilant to trace out every such advertisement so as to secure the legitimate Municipal dues.

43,272 hawker and squatter licences were issued during the year giving a total income by way of fees of Rs. 2.03 lacs. In the previous two years such licences issued were 45,517 and 41,663 which, respectively, realised Rs. 1.92 lacs and Rs. 1.86 lacs. An amount of Rs. .37 lac against Rs. .31 lac and Rs. .32 lac in the previous two years was recovered during the year as expenses for removal of encroachments.

The Licence Department instituted during the year 2,198 prosecutions for offences under Sections 328, 328-A, 394 and 412-A of the Municipal Act, against 2,654 and 4,017 prosecutions instituted in the previous two years. The total amount of fines inflicted in 451 convicted cases was Rs. 11,069 against Rs. 9,011 in the previous year.

The total revenue of the department increased to Rs. 6.07 lacs during the year, from Rs. 5.81 lacs and Rs. 5.30 lacs in the last two years.

Administration of Shops and Establishments Act.

29. 172 mass raids (99 by day and 73 by night) were carried out during the year against 123 mass raids in the previous year, to effectively enforce the provisions of the Act.

Of the 58,546 visits and re-visits paid to different establishments during the year, against 42,083 of the last year, 42,262 were to shops while the balance was made up of 6,959 to commercial establishments, 125 to places of amusement and 9,200 to restaurants. During the year 3,688 new prosecutions were instituted against 2,538, 3,495 and 3,146 in the preceding three years. Out of 3,983 prosecution cases including 295 pending at the close of the previous year, 3,495 cases were disposed of resulting in conviction in 3,447 cases in which the total amount of fines inflicted came to Rs. .66 lac giving an average of Rs. 19-4-8 per case against Rs. 21-8-0, Rs. 19-7-4 and Rs. 14-6-0 of the preceding three years.

A grant-in-aid of Rs. 49,993 for the year 1944-45 against Rs. 69,259 in the previous year was sanctioned by Government. The reason for the decrease in the grant-in-aid is not mentioned in the report under review. Representation should be made to Government requesting them to reimburse the Corporation for the entire expenditure incurred under this head.

Markets.

30. As a result of minor increases in stallage, etc., charges, the total gross receipts from 17 Municipal markets amounted to Rs. 20.63 lacs against Rs. 20.12 lacs of the previous year. 14 markets yielded an increased realisation of Rs. .97 lac while 3 others showed a fall of Rs. .02 lac giving a net increase of Rs. .95 lac in stallage charges only. Squatters fees and Scale Shed fees from the Arthur Crawford Market yielded Rs. 4.23 lacs showing an increase of Rs. .80 lac over the realisations of the previous year. During the year 22 Private Markets and 2 private slaughter houses were licensed but the Standing Committee is very unhappy to find from the Report that licence fees amounting to only Rs. 49,532 against Rs. 2.12 lacs in the previous year were realised from 15 private markets and one slaughter house. The outstanding license fees included deposits of the previous years in respect of the Grant Road Private Market and the Byculla Vegetable Market which still continued to be held in deposits. Similarly, licence fees of 6 private markets and 1 slaughter house were held in deposit, but the amount thereof is not mentioned in the report; while the licence fee of one private market was in arrears. In this case also the amount and the period of arrears are not stated. It appears that the dispute about the licence fees payable by some licensees of the private markets awaits settlement for past some years. The Standing Committee hope that these disputes will not be allowed to continue unsettled for an indefinite period of time and that early measures will be taken to promptly credit to the Municipal Account the amount due to the Corporation in this respect. The Standing Committee suggests that if a licensee persists in prolonging the issue of settling the fees payable by him, the Commissioner may consider the desirability of suspending the licence in the meanwhile so as to prevent the licensee from carrying on his business and thus depriving the Corporation of their dues.

The number of outside meat shops during the year was the same as in the previous year, *viz.*, 187, but it is not understood why there has been a decline in the amount of licence fees realised from these shops. It is reported that the amount so realised during the year was Rs: 9,074-8-0 against Rs. 9,541 in the previous year. Unwholesome articles exposed for sale in different markets, etc., weighing 6.95 lac lbs. were destroyed during the year.

There was a marked decline in the number of animals of all sorts brought to the Fair Ground at the Bandra Slaughter Houses during the year as compared to the previous year's figures. The number of Buffaloes, Cows and Bullocks, and Sheep and Goats brought to the Fair Ground during the year were 6,461; 91,055 and 14.17 lacs while the corresponding figures for the previous year were 9,499; 82,225 and 15.15 lacs, respectively. The total number of animals slaughtered during the year, *viz.*, 13.84 lacs, also shows a decline over the previous year's total of 15.02 lacs. The amount of slaughter fees, etc., realised during the year was Rs. 5.32 lacs. The highest number of animals slaughtered, *viz.* 1.34 lacs, was in March 1946 and the lowest number, *viz.*, .87 lac, was in April 1945.

Public Health.

31. Due to conditions created by the World War II, the City became a centre of attraction for people who came in large numbers from far and wide with the result that overcrowding which was already intense became still more acute with no additonal accommodation available for incoming population. Whereas according to the Census Report of 1941, the population of to the City was 14,89,883, according to the figures obtained from the Controller of Rationing, the total number of individual cards was 25,33,034. In spite of such a tremendous increase in population, the general health conditions of the City were maintained at the normal level. For statistical purposes of this report, the Census figure of the population has been taken, otherwise the death rate would be in fact much lower if calculated on the actual population during the year.

During the year the number of live births recorded was 53,170, *i.e.*, 3,737 less than in the previous year, but 14,010 more than the average of the decennium (1935-44). Of these registered births, 27,285 were males and 25, 885 females against 29,144 and 27,763, respectively, of the last year. Thus the proportion of males to females remained the same as in the last year, *viz.*, 105 males to 100 females. The birth rate on the census population was 35.7 per thousand. The highest number of births (5,776) was in December 1945 and the lowest number (3,600) in April of the same year. The number of still-births reported during the year was 3,398 against 3,374 and 3,129 in the preceding two years. Out of 56,568 births (including still-briths) registered in the City during the year, 44,708 or 79 per cent. took place in the Maternity Homes and hospitals against 72.9 ; 81.1 and 75.8 per cent. in the immediately preceding three years.

In the five Municipal Maternity Homes 129 beds were maintained and 8,961 women against 9,795 in the last year were admitted and the number of cases confined in these Homes was 7,996 against 8,744 in the preceding year. The maternity and pre-school age child welfare activities require further fostering if the rates of maternal and infantile mortality are to be lowered to the minimum particularly among the poorer and ignorant classes. The work done at the clinics attached to the Maternity Homes requires to be supplemented by a vigorous propaganda through Health Visitors in their districts by tracing out prospective mothers and advising them to attend ante-natal clinics and maternity homes for the safety of their health and of the infants to be born. The Health Visitors paid during the year 50,712 visits against 60,997 and 45,422 in the previous two years. The decline in the number of visits over the previous year's number has not been explained in the Report. In their review last year the Standing Committee had remarked that a more intensive campaign on the part of these Health Visitors would considerably contribute towards the reduction in infant mortality; but it appears, that, that suggestion has not been pursued. The Standing Committee hope that better results will be reported by these Health Visitors in the future.

The total number of deaths recorded from all causes, during the year was 40,215 against 41,882; 34,165 and 25,177 in the years 1944, 1943 and 1942, respectively. This total number was 7,931 and 8,422 more than the average annual mortality of the last 5 and 10 years, respectively. According to the census figure, the death rate per 1,000 living was 27 (while according to the actual population reported above, it came to 17.5) as against 28.1 in 1944 and 22.9 in 1943 and 24.8 the average of the last 10 years. 25.2 per cent. of the deaths were among infants below 12 months. Of the total deaths, 22,198 were among males and 18,017 among females. The corresponding figures for the last three years were 23,131 ; 19,167 and 14,309 for males and 18,751; 14,998 and 10,868 for females. The male and female death rate each showed a decline of 1 in the last year's rate being 23 and 33| respectively, against 24 and 34 in 1944. As in the previous years the diseases of the respiratory system claimed the highest number of deaths, *viz.*, 13,763 *i.e.*, 8.6 per 1,000 of the population. The second group was congenital debility and diseases of early infancy which claimed 4,469 deaths giving .3 per 1,000. The third group was the old age-3,486 or 2.3 per 1,000 and the fourth group was Tuberculosis which accounted for 1,981 deaths, *i.e.*, 1.3 per 1,000 of the population.

Infectious Diseases.

32. The total number of cases of infectious diseases reported during the year was 4,902 against 7,603 and 5,706 in the previous two years. Of these, 4,771 or 97.2 per cent. were reported by the District Registrars and 131 of 2.8 per cent. by the medical practitioners. No case was notified by Hakims and Vaidyas. Can this fall in the number of cases be regarded as an improvement in the City's health index, especially in regard to infectious diseases or an apathy on the part of the authorities to adopt measures for securing a correct data of the prevalence of such diseases in the City? The report of the City Fever Hospitals tells a different story, *viz.*, that the average number of patients treated during the year was 189 per day and the highest number remaining on one signle day was 296.

Venereal Diseases.

33. At the free Venerael Diseases clinic, during the year 12,598 patients attended for prophylaxis. The total number of venereal diseases cases treated during the year was 14,979 of which 13,291 were males and 1,688 females. The daily average of patients for diagnosis and for prophylaxis was 558.8 against 593.2 in the last year. As a result of propaganda carried on by the staff, the popularity of the institution increased as could be seen from the increased attendance, etc. Venereal diseases are a social evil and being kept hidden through sense of shame are difficult to be dealt with and then they form a potential danger to the population of the City.

Dispensaries.

34. The number of new cases treated at the nineteen Municipal Dispensaries during the year was 2,09,792 against 2,20,910 ; 2,13,894 and 1,68,960 in the previous three years. Of the total new cases, 1,35,004 were males and 74,788 females. The total attendance of patients was 7,37,237 against 7,71,482 and 7,78,427 in the last two years. 105 visits against 135 and 233 in the last two years were paid by the Dispensary Medical Officers to patients in their houses. In addition to this dispensary work, two part-time Lady Doctors and LadyDoctors in charge of five Maternity Homes also treated women and children at the dispensaries and the clinics attached to the Homes. The number of new cases treated at such dispensaries was 26,023 of whom 20,922, were women and 5,101 children against 29,120 in 1944. The total attendance at these dispensaries was 1,19,810 which includes 11,008 visits by Lady Doctors to patients in their homes.

35. During the year, a series of Health Education Meetings and exhibitions were arranged. For propagating health knowledge to the widest possible circle, education is carried on through the painted word, the pictorial message or visual instructions by means of magic lantern lectures or cinema films. This branch was started in 1942 and has been endeavouring to achieve its aim of broadcasting health knowledge through various media.

Health Propaganda.

36. The number of beds maintained in the Hospital remained the same as last year, *viz.*, 510. The distribution of these beds reserved for men, women and children also remained the same as in the preceding year, *viz.*, 325, 145 and 40, respectively. During this year also due to conditions created by the war, no additional work was taken up. 16,221 new in-patients against 16,745, 14,804 and 12,782 of the previous three years, were admitted during the year in the Hospital for treatment. On numerous occasions, extra patients over the scheduled number had to be admitted during the year. The maximum number on a single day was 609 which made their nursing and care extremely taxing for the authorities. In spite of less number of in-patients treated during the year than the last year, the daily average number of in-patients rose to 556.30 from 547.3 and 481.4 of the previous two years. The average number of days each patient was resident worked out to 11.51 against 10.87 of the last year. Of the total number of 16,723 in-patients treated in the Hospital including 502 patients of the previous year, 6,532 were cured, 5,415 were discharged and/or relieved, 2,684 left the Hospital against medical advice and 1,547 died during treatment. At the end of the year 545 in-patients remained in the Hospital. The total number of operations performed on in-patients was 6,683 against 5,606 of the previous years. As a result of disturbances created by the R.I.N. Strike in February 1946, 511 casualties of military firing were treated in the Hospital of which 289 were admitted as in-patients. The average cost per in-patient per day showed a further rise and worked out Rs. 4-12-8 against Rs. 4-3-4, Rs. 3-15-10 and Rs. 3-4-8 of the last three years. Likewise, the average cost per in-patient admission also showed an increase and was Rs. 58-2-10 against Rs. 50-14-11, Rs. 46-11-10 and Rs. 42-6-1 of the preceding three years.

K. E. M. Hospital.

The total number of new out-patients treated during the year was 1.50 lacs including 27,755 casualty patients against 1.46 lacs in the previous year. The daily average worked out to 474 agains 414 in the last year. The total number of out-patient attendance was 5,07,773 against 4,75,725 and 4,71,136 of the previous two years which gave a daily average of out-patient attendance of 1,634.53 against 1,542.7 and 1,505.59 of the previous two years. The average cost per out-patient attendance showed a slight decline over the last year's cost, being Re. 0-7-7 against Re. 0-7-11 and Re. 0-7-2 of the last two years. However, the average cost per out-patient admission remained the same as in the last year, *viz.*, Rs. 1-9-6 against Rs. 1-8-5 of the year 1943-44. The total number of operations on out-patients was 11,921 against 11,899 and 12,067 of the last two years.

The Poor Box Charity Fund continued to render relief to needy poor patients of such a nature as could not be met out of the Municipal Fund, *e.g.*, blood transfusion, costly drugs, injections, travelling expenses, etc. 82 patients received benefit out of this fund at a cost of Rs. 939.

Under the School Clinic Department of the Hospital during the year 6,538 children against 8,799 and 11,535 in the previous two yeas received treatment. Of this number, 1,219 were new children. 6 children were admitted as in-patient and treated for various disorders. The total cost of the Clinic was Rs. 10,028.

37. During the year, 86 new admissions were made of whom 85 were single and 1 married. The average age of these applicant students was 19 years. In all there were 519 under-graduate students on the Roll at the close of the year of whom 123. were lady students. The number of Post-graduate students was 69 of whom 13 were ladies Clinical instructions in diseases of children continued to be given at the Bai Jerbai Wadia Hospital for Children Out of 482 students sent up for different medical, etc , examinations 238 passed the whole examination against 498 and 250, respectively, of the previous year. The College was recognized for the D.L.O. and D.V.D. diplomas of the Bombay University and this is the only College so recognised. One student appeared and was successful in the D.V.D. examination. Arrangements are also made to secure recognition for the D.A. diploma of the University.

Seth G. S. M. College.

The total expenditure on the College and the Hostels attached to it amounted to Rs. 2.61 lacs exclusive of Rs. 0.25 lac spent for payment of Dearness Allowance against Rs. 2.62 lacs ; Rs. 2.66 lacs and Rs. 2.75 lacs in the preceding three years. The gross and the net cost per student worked out to Rs. 502.6 and Rs. 259.3, respectively, against Rs. 534.4 and Rs. 258.5, respectively, in the previous year. The revenue derived by way of tuition fees, etc., came to Rs. 1.42 lacs against Rs. 1.35 lacs, Rs. 1.31 lacs and Rs. 1.24 lacs in the preceding three years, exclusive of fees collected from the Post-graduate students which amounted to Rs. 7,710 against Rs. 5,745 in the previous year.

In both the Hostels, the number of students—male and female—remained constant, *viz.*, 146 and 28, as in the previous three years, Due to additional demand from lady students 16 of them were accommodated, as in the last year, in the vacant rooms in the New Nurses' Home. The income and the expenditure of the Hostels amounted to Rs. 18,576 and Rs. 15,140 leaving a surplus of Rs. 3,436

only against the surplus of Rs. 5,604 of the previous year's working when the income and the expenditure were Rs. 18,342 and Rs. 12,738, respectively.

Besides the normal teaching and departmental work, various investigations and research in different branches of medical science were carried out either under the auspices of the Indian Reserach Fund Association or with the help of a grant from the Seth G. S. M. College and K. E. M. Hospital Research Fund.

Education.

38. Due to the propaganda work, such as, holding of mass meetings in educationally backward localities, house to house visits by teachers and peons, parents' gatherings to induce them to send their children of school-going age to Municipal Schools, the total number of pupils in Municipal Schools during the year came to 1,20,713 against 1,18,646 and 1,00,131 in the previous two years. The number of Municipal Schools was increased from 389 in the previous year to 392 in the year of report. Likewise, there was an addition of 1 in the number of Classes which were 24 against 23 in the previous year. For these Schools and Classes the total number of Teachers engaged was 3,675 at the end of the year against 3,383 ; 3003 and 2,615, at the corresponding period of the last three years. The Municipal grant for the year was Rs. 60.07 lacs against Rs. 52.71 lacs, Rs. 46.43 lacs and Rs. 41.60 lacs in the preceding three years, exclusive of the expenditure of Rs. .70 lac on the Schools Committee's Head Office which is met from the General Municipal Fund. The Government grant for the year was only Rs. 9.69 lacs including an amount of Rs. .24 lac given for English teaching aided schools control of which was transferred by Government to the Schools Committee from the year 1943-44. The Standing Committee here would desire to emphasise the need of an urgent appeal to Government for a susbstantial increase in the amount of their grant-in-aid for Primary Education especially when we find that the Municipal contribution during the last four years has gone up by Rs. 18.47, lacs *i.e.*, from Rs. 41.60 lacs in 1942-43 to Rs. 60.07 lacs in 1945-46, while the increase in the Government grant has been only a small amount of Rs. .23 lac *i.e.*, from Rs. 9.45 lacs in 1942-43 to Rs. 9.68 lacs in the year of report. For each of the last two years the Government grant was Rs. 9.62 lacs and Rs. 9.36 lacs, respectively.

The average cost per pupil in Municipal Schools calculated on the number of pupils on rolls on the last day of the year was Rs. 47.11 against Rs. 42.2 ; Rs. 44.5 and Rs. 52 for the previous three years. The average cost calculated on the average number of pupils on the Rolls during the year, *viz.*, 1,18,570, worked out to Rs. 48.04 against Rs. 46.7, Rs. 47.9 and Rs. 54.4 for the previous three years. Thus instead of reducing the average cost with the increase in the average number of pupils on the Rolls, the cost of this year has shown an increase. This increase is attributed to the grant of grades and adjustment in salaries in those grade to teachers according to their qualifications and of the enhanced rate of Dearness Allowance to all employees of that department.

The teaching of Hindustani was further expanded during the year under report. Instructors in Hindustani were specially appointed to coach batches of Municipal teachers.

874 pupils received training in different vocational subjects at the different Municipal Central Schools. However, owing to various controls and war-time restrictions it was found difficult to secure the requisite materials for teaching vocational subjects in these Schools.

The total number of aided schools and special institutions during the year increased by 7 being 211 against 204 in the previous year. The number of pupils in these schools likewise showed an increase being 46,476 against 42,464 and 40,008 in the previous two years. Similarly, the number of Teachers—full time and part time—also showed an increase of 135, being 2,039 against 1,904 in the previous years. The total amount of grants paid to these schools during the year amounted to Rs. 3.29 lacs against Rs. 2.82 lacs ; Rs. 2.12 lacs and Rs. 2.16 lacs in the previous three years. The total expenditure incurred by these schools amounted to Rs. 22.97 lacs against Rs. 17.44 lacs in the preceding year. Taking the average number of pupils on rolls at 46,001, the cost per pupil in these schools worked out to Rs. 49.9 aaginst Rs. 42.7 in the previous year, the cost per pupil to the Municipality by way of grants came to Rs. 7.5 against Rs. 6.9 in the last year.

Municipal Printing Press.

39. As a result of an increased allotment of printing paper by Government to the Press from 30 tons to 36 tons, the stringency imposed in that respect in the previous year was considerably relaxed. Besides doing the normal printing work of different Municipal Departments volume of which is on the increase, the Press also undertook the printing of the Note on Greater Bombay, Report of the Housing Panel appointed by the Government with the Chairman of the Standing Committee as its Chairman, and the Report of the Special Officer (Grades). The total quantity of paper consumed during the year was 43.25 tons against 40.5; 31 ; 37 and 53 tons, respectively, in the immediately preceding four years.

For the continuance of the Literacy Class started for the benefit of Press Workers, the Corporation sanctioned a grant of Rs. 800 from the Fines Fund, while an amount of Rs. 450 was renewed for a grant under the same Fund from the previous year's account for the continuance of the Library for the Press Workers.

The Working and the Profit and Loss Account for the year shows a surplus of Rs. 2,646 on the total turnover of Rs. 2.15 lacs against a surplus of Rs. 2,513 on the total turnover of Rs. 2.18 lacs in the previous year. There has been a steady increase in the strength of the labour staff as could be seen from the fact that at the end of the year under report, their number consisted of 136 workers against 120, 110 and 113, respectively, at the close of the previous three years.

Legal Assistant's Department.

40. This Department was created in 1931, but a report on its working has been included in the Administration Report for the last two years only. During the year, the Department received 5,251 files from different Departments and wrote 2,554 letters to outside parties or their legal advisers. Legal advices and opinions were given on 122 documents. It is suggested that in future besides giving the number of High Court Cases, etc. attended to by the Department, information, if possible, may be included about the result of those cases or references.

Audit.

41. This year also the report of the Municipal Chief Auditor has not been included in the Administration Report. It is presumed that it will be submitted to the Committee independently early.

DAHYABHAI V. PATEL,
Chairman, Standing Committee.

MUNICIPAL CORPORATION OFFICE,
BOMBAY, *27th December 1946.*

Municipal Printing Press—S. C. 230-46-200.

Administration Report of the Municipal Commissioner for the City of Bombay for the year 1945-46.

CORPORATION, STANDING COMMITTEE AND IMPROVEMENTS COMMITTEE.

CORPORATION.

1. Dr. Jos. Alban D'Souza, B.A., L.M. & S., J.P., was elected Mayor at the Meeting of the Corporation held on the 9th April 1945 and held that office throughout the year.

2. One hundred and thirteen Meetings of the Corporation including 17 Special and Adjourned Special Meetings of the Corporation and one hundred and twenty-five Meetings of the Committees and five Meetings of the Sub-Committees other than the Standing Committee and the Improvements Committee were held during the year.

3. The changes that took place in the personnel of the Corporation during the year were as follows:—

Mr. Savlaram Gundaji Songaonkar was elected by the rent-payers of Ward No. 11 (Mazagaon-Tarwadi) on 19th April 1945 in the vacancy caused by the resignation of Mr. S. C. Joshi on 15th February 1945.

Mr. Y. N. Sukthankar, C.I.E., I.C.S., acted as *ex-Officio* Councillor *vice* Sir B. Rama Rau, C.I.E., I.C.S., (Chairman, Bombay Port Trust Board,) on leave, from 29th September to 9th November 1945.

Mr. Bhanushankar Mancharam Yagnik was elected by the rent-payers of Ward No. 6 (Bhuleshwar Market) on the 6th October 1945 in the vacancy caused by the death of Dr. Jethalal Vanmalidas Vora on 23rd June 1945.

Mr. Vasudeo Balkrishna Korgaonkar was elected by the rent-payers of Ward No. 14 (Parel) on 31st October 1945 in the vacancy caused by the death of Mr. Bhagwantrao Gangadhar Parelkar on 3rd August 1945.

Mr. C. B. Cockaine was appointed as a member of the Corporation by the Bombay Chamber of Commerce on 21st November 1945 in place of Mr. Harwood Chamberlain, J.P., resigned on 20th September 1945.

Mr. Keshao Ganesh Tambe died on the 25th February 1946.

Mr. Bejanji Adarji Dalal, B.A., LL.B., S.T.C., was elected by the rent-payers of Ward No. 8 (Khetwadi-Tardeo), on 19th March 1946 in the vacancy caused by the resignation of Mr. Minocheher Rustom Masani, B.A. (Bom.), LL.B. (Lond.), BARRISTER-AT-LAW, on 11th January 1946.

Mr. Shivaji Damodar Dongre was elected by the rent-payers of Ward No. 10 (Walkeshwar-Mahalaxmi) on 19th March 1946 in the vacancy caused by the resignation of the Hon'ble Raja Bahadur Govindlal Shivla, Motilal on 7th January 1946.

Mr. Nathalal Dayabhai Parikh was elected by the rent-payers of Ward No. 6 (Bhuleshwar Market), on 19th March 1946, in the vacancy caused by the resignation of Mr. Ratilal Mulji Gandhi, B.A., M.L.C., on 22nd January 1946.

STANDING COMMITTEE

4. Mr. Sayaji Lakshman Silam, B.A., LL.B., was elected the Chairman of the Standing Committee at their Meeting held on the 4th April 1945 and he held the office throughout the year.

5. There was no change in the personnel of the Standing Committee during the year.

6. Fifty-seven regular and sixteen Special Meetings of the Standing Committee and one Meeting of the Sub-Committee thereof were held during the year.

7. There were forty-nine attendances of members of the Committee for the audit of Municipal accounts and ninety-five for signing cheques.

IMPROVEMENTS COMMITTEE

8. Mr. Vinayak Atmaram Karapurkar, F.C.I. (Eng.), was elected the Chairman of the Improvements Committee at their Meeting held on the 10th April 1945 and he held the office throughout the year.

9. There was no change in the personnel of the Committee during the year.

10. Twenty-five Ordinary Meetings including Adjourned Meetings and one Special Meeting of the Improvements Committee and two Meetings of the Sub-Committee thereof were held during the year.

LIST OF COUNCILLORS WHO HELD OFFICE ON THE 31ST MARCH 1946.

DR. JOS. ALBAN D'SOUZA, B.A., L.M. & S., J. P., (*Mayor*);

MR. S. L. SILAM, B.A., LL.B., (*Chairman, Standing Committee*);

MR. V. A. KARAPURKAR, F.C.I. (Eng.), (*Chairman, Improvements Committee*);

MR. SALEBHOY ABDUL KADER, (*Chairman, Schools Committee*).

ACHREKAR, MR. R. K.
ALIMAHOMED, MR. A. K., J.P.
ALLABUX, KHAN BAHADUR MOHAMEDALLY, J.P.
ANKLESARIA, DR. D. T., M.B., B.S.
BAIGMAHOMED, MR. A. A.
BHARUCHA, MR. NAUSHIR C., M.B.E., M.A., LL.B.
BHATT, MR. MADHAVLAL M., J.P.
BHUJPURIA, MR. KHIMJI M.
BIJJA, MR. Y. L.
BORADE, MR. M. R.
BORKAR, MR. K. L.
BUTLER, MR. H. E., C.I.E., O.B.E. (*Police Commissioner*), J.P.
CARCARY, MR. D. D., J.P.
CHIMANLAL MANCHUBHAI, MR.
CHINAI, MR. P. M.
CHOKSY, LT. COL., J. N., M.B., B.S.
CHOWDHERY, MR. ZULMIRAM J.
COCKAINE, MR. C. B., J.P.
COLLACO, DR. J. A., L.M. & S., J.P.
CURSETJI, DR. KHURSHED J., B.A., M.B., B.S., B.Hy., M.R.C.S. (Eng.), L.R.C.P. (Lond.).
CURTAY, MR. A. L., J.P.
DALAL, MR. B. A., B.A., LL.B., S.T.C.
DARVESH, MR. SULEMAN MIA AHMED.
DAVAR, PROF. SOHRAB R., BARRISTER-AT-LAW, M.L.C., J.P.
DEORUKHKAR, MR. B. J.
DESAI, MR. GANPATISHANKAR N.
DESAI, MR. MOHANLAL M., B.A., LL.B.,
DEVJI RATTANSEY, MR.
DONGRE, MR. S. D.
GANDHI, MR. V. B.
GHARPURE, MR. D. R., M.A., B.Sc.
GILDER, DR. M. D. D., M.D. (Lond.), F.R.C.S. (Eng.).
GODBOLE, MR. M. V.
GOLE, MR. R. A.
GOR, MR. N. J., B.A., LL.B.
GOREGAOKER, MR. K. H., B.A., LL.B., J.P.
GOVINDJEE, MR. V. D.
JAMNADAS, DWARKADAS, MR., B.A.
JETHMAL NARANDAS, MR.
JOGLEKAR, MR. K. N.
JOSHI, MR. MANCHERJI E., L.C.E., M.I.E., J.P.
KAJROLKAR, MR. N. S.
KAPADIA, MR. MOTICHAND G., B.A., LL.B.
KARANJIA, SIR BEHRAM N., KT., M.L.C., J.P.
KHADILKAR, MR. Y. K.
KHANDRAY, MR. B. M.
KHIMJI, MR. BHAWANJI A.
KILLEDAR, MR. M. M., M.L.A., J.P.
KORGAONKAR, MR. V. B.
MAHESHWARI, MR. B. N.
MANYAR, MR. MOHOMMADALI S.
MASCARENHAS, DR. M. U., L.M. & S., J.P.
MASTER, MR. NAGINDAS T., B.A., LL.B.
MEHERALLY, MR. YUSUF, B.A., LL.B.
MEHTA, MR. ASOKA R.
MEHTA, MR. JAMNADAS M., M.A., LL.B., BARRISTER-AT-LAW.
MEHTA, DR. SORAB P., B.A., L.M. & S., J.P.
MIRAJKAR, MR. S. S.
MIRZA AKHTAR HASAN, MR., B.A., LL.B.
MOIDEEN BAWA, MR.
MORARJI, MR. GORDHANDAS G., J.P.
MUNSHI, MR. FATEHKHAN A.
MUNSHI, MRS. LILAVATI K.
MUNSHI, KHAN BAHADUR R. F., B.A. (Cantab.), BARRISTER-AT-LAW.
NAGVEKAR, MR. V. M.
NARAVANE, DR. T. R., B.A., A.V.V. (T.U.), L.M. (Rot.), Z.G.S. (Vienna).
NARBHERAM NARSHIDAS, MR.
NARIMAN, MR. KHURSHED F., B.A., LL.B.
PAISLEY, MR. J. F., B.E., I.S.C. (*Executive Engineer, Presidency Division*).
PANDIT, MR. Y. G.
PARIKH, MR. NATHALAL D.
PATEL, MR. DAHYABHAI V.
PATEL, MR. GORDHANBHAI I., B.A.
PATEL, MR. I. S., L.A.A., D.Com.
PATEL, MR. M. OMAR E., B.A., LL.B.
PATIL, MR. S. K.
PAVRI, DR. HOMI F., M.C.P.S., M.B., B.S.
PODAR, MR. RAMNATH A., J.P.
PRADHAN, MR. D. V.
PUPALA, MR. NARSINGRAO C., C.I.Struct.E.
RAJAB, MR. M. U.
RAJADHYAKSHA, DR. B. H., M.B., B.S., J.P.
RAMA RAU, SIR B., C.I.E., I.C.S. (*Chairman, Port Trust Board*).
RAMZAN, MR. FATEHMAHOMED HAJI.
RAUT, MR. R. B.
ROWJEE, MR. M. I.
SABAVALA, MR. A. P., B.A. BARRISTER-AT-LAW.
SAHER, DR. DADIBA N., L.M. & S., J.P.
SAVANT, MR. P. K., B.A., LL.B.
SERANG, KHAN SAHEB MAHOMED E.
SETH, MR. MANILAL J.
SHAH, MR. COOVERJI J.
SHEIKH, DR. G. R. A., B.Sc., M.B., B.S., J.P.
SHIRODKAR, MR. R. K.
SINGH, MR. KASHI PRASAD.
SONGAONKAR, MR. S. G.
SOONDERDAS MORARJEE, MR.
SUBRAMANIAN, MR. K. A.
SUKTHANKAR, DR. MRS., MALINIBAI B., M.B., B.S., J.P.
TALPADE, MR. M. N., B.A., LL.B.
TATNIS, MR. R. K.
THAKKAR, MR. RATILAL T.
THAKKAR, MR. SHIVDAS C.
TULLA, MR. V. R., B.A.
TYABJI, MRS. KHADIJA SHUFFI, J.P.
VAGH, MR. R. S.
VAKHARIA, MR. MANEKLAL N.
VASANTRAM JAMIETRAM, MR., B.A., LL.B., J.P.
VELINKAR, MR. V. S., B.A., BARRISTER-AT-LAW.
WORLIKAR, MR. V. B.
YAGNIK, MR. BHANUSHANKAR M.

MEMBERS OF THE STANDING COMMITTEE AS ON THE 31ST MARCH 1946.

MR. S. L. SILAM, B.A., LL.B., (*Chairman*).

ALIMAHOMED, MR. A. K., J.P.
ALLABUX, KHAN BAHADUR MOHAMEDALLY, J.P.
CHIMANLAL MANCHUBHAI, MR.
GANDHI, MR. V. B.
GOVINDJEE, MR. VITHALDAS D.
JAMNADAS DWARKADAS, MR. B.A.
PATEL, Mr. DAHYABHAI V.
PATEL, MR. I. S., L.A.A., D.Com.
PODAR, MR. RAMNATH A., J.P.
PRADHAN, MR. D. V.
SHEIKH, DR. G. R. A., B.Sc., M.B., B.S., J.P.
SOONDERDAS MORARJEE, MR.
THAKKAR, MR. SHIVDAS C.
VASANTRAM JAMIETRAM, MR. B.A., LL.B., J.P.

MEMBERS OF THE IMPROVEMENTS COMMITTEE AS ON THE 31ST MARCH 1946.

MR. V. A. KARAPURKAR, F.C.I. (Eng.), (*Chairman*).

ACHREKAR, MR. R. K.
BHUJPURIA, MR. K. M.
BIJJA, MR. Y. L.
GOREGAOKER, MR. K. H., B.A., LL.B., J.P.
JOSHI, MR. MANCHERJI E., L.C.E., M.I.E., J.P.
MANYAR, MR. MOHOMMADALI S.
MASCARENHAS, DR. M. U., L.M. & S., J.P.
NAGVEKAR, MR. V. M.
NARBHERAM NARSHIDAS, MR.
PUPALA, MR. NARSINGRAO C., C.I.Struct.E.
RAJADHYAKSHA, DR. B. H., M.B., B.S., J.P.
SERANG, KHAN SAHEB MOHAMED E.
SETH, MR. MANILAL J.
SHAH, MR. COOVERJI J.
SUBRAMANIAN, MR. K. A.

Members of the Schools Committee for the year 1945-1946.

(1) Mr. Salebhoy Abdul Kader, (*Chairman.*)
(2) Mr. A. A. Baigmahomed.
(3) Mrs. Maniben Nanubhai Desai, G.A.
(4) Mr. M. V. Donde, B.A.
(5) Mr. Ganpatishankar N. Desai.
(6) Mr. Y. K. Khadilkar.
(7) Mr. B. M. Khandray.
(8) Mr. P. R. Lele, B.A., LL.B.
(9) Mr. Mirza Akhtar Hasan, B.A., LL.B.,
(10) Mrs. Sulochana Modi, M.A.
(11) Mr. Fatehkhan A. Munshi.
(12) Mrs. Lilavati K. Munshi, M.L.A.
(13) Mr. P. K. Sawant, B.A., LL.B.
(14) Mr. Kashi Prasad Singh.
(15) Mr. V. R. Tulla, B.Ag.
(16) Mr. B. B. Vyas, M.A., LL.B.

Mr. U. M. Mirchandani, B.A., I.C.S., held the office of the Municipal Commissioner throughout the year.

Dr. J. F. Bulsara, M.A., LL.B. (Bom.), Ph.D. (Lond.), J.P., held the office of the Deputy Municipal Commissioner throughout the year.

Mr. H. B. Shivdasani, M.A. (Cantab), J.P., held the office of the Deputy Municipal Commissioner (Improvements) during the year except for the period from 5th October 1945 to 30th November 1945 when he was on leave and Mr. A. R. Manerikar, B.E., A.M.I.E., Estate Agent and Land Manager acted for him.

II.—HEADS OF DEPARTMENTS

Mr. R. C. Mehta, F.S.A.A., R.A., held the post of the Municipal Chief Auditor during the year except for the period from 4th May 1945 to 9th June 1945 when he was on leave and Mr. B. L. Patel, Assistant Auditor acted for him.

Miss K. T. Khandwalla, B.A., B.T. (Bom.), M.A. (U.S.A.) held the post of Secretary, Schools Committee during the year except for the period from 7th September 1945 to 21st October 1945 when she was on leave and Miss S. Dallas, M.A., Superintendent, Gujarati Girls' Schools, acted for her.

Dr. R. P. Kopikar, M.S., F.C.P.S., held the post of the Dean, K. E. M. Hospital and G. S. Medical College during the year upto 26th September 1945 when his term of appointment expired and he reverted to the post of Professor of Anatomy and Dr. R. G. Dhayagude, M.D. (Bom.) who was appointed as Dean, K. E. M. Hospital and G. S. M, College took charge of the post on 27th September 1945 and held it till the end of the year.

Mr. E. A. Nadirshah, B.A., B.E., (Bom.), B.Sc., (Engineering Edin.) M.Inst.C.E. (Lond.), M.I.E., F.I.S.E., J.P. held the post of the Hydraulic Engineer during the year except for the period from 17th September 1945 to 25th September 1945 when he was on leave and Mr. B. P. Surti, B.E. (Mech.), B.Sc., (Lond.), A.C.G.I. (Lond.), A.M.I.E., Senior Assistant Engineer looked after his work.

Dr. B. C. Das Gupta, B.Sc., (Hons.), (Cal.), M.B. (Cal.), M.R.C.P. (Irel.), D.P.H. (Lond.), held the post of the Executive Health Officer during the year except for the period from 23rd October 1945 to 17th November 1945 when he was on leave and Dr. V. M. Vatve, M.B., B.S., B.Hy., (Bom.), D.P.H. (Lond.), Assistant Health Officer, Malaria looked after his work.

Mr. B. B. Patkar, B.E., A.M.I.E., (India), held the post of the Deputy City Engineer during the year except for the period from 12th March 1945 to 11th July 1945 when he was on leave and the City Engineer looked after his work.

Mr. A. R. Manerikar, B.E., A.M.I.E., held the post of Estate Agent and Land Manager during the year except for the period from 11th June 1945 to 10th August 1945 when he was on leave and from 5th October 1945 to 30th November 1945 when he was appointed as officiating Deputy Municipal Commissioner (Improvements) and Mr. S. M. Desai, B.E. (Bom.), acted for him.

Mr. J. D. Daruwalla, M.S.O.C., C.E. (France), A.M. Inst., C.E., M.I.E., F.I.S.E., M.R.San.,I., Assistant Engineer, 1st Grade (Arch)., continued to be on leave throughout the year and Mr. K. H. Dastur, B.E., acted for him.

Mr. N. K. Patel, B.Sc., (Eng. Lond.), A.M.I.E.E., etc., proceeded on leave from 7th August 1945 to 27th November 1945 on which date he voluntarily retired from Municipal service. Mr. N. R. Junnarkar, B.E., (Mech.) (Bom.) Certified I.I.Sc., (Bangalore), A.M.I.E.E. (Lond.)., A.M.I.E., (India) who was appointed by the Corporation as Mechanical Engineer on probation for one year took chagrge of his post on 27th January 1946. During the interim period Mr. Behram J. Doctor, Transport Officer looked after the current duties of the post of Mechanical Engineer until he proceeded on leave preparatory to retirement from 4th October 1945: from 4th October 1945 to 26th January 1946 Mr. B. B. Patkar, B.E., A.M.I.E., (India), Deputy City Engineer was in charge of the Mechanical Branch.

Mr. S. M. Desai, B.E. (Bom.), held the post of the Deputy Estate Agent and Land Manager during the year except for the periods from 11th June 1945 to 10th August 1945 and 5th October 1945 to 30th November 1945 when he was appointed as officiating Estate Agent and Land Manager and Mr. B. J. Patel, B.A., B.E., acted for him.

Mr. A. P. Saldhana, B.A., held the post of the Superintendent of Licences, Shops and Establishments during the year except for the period from 31st December 1945 to 12th January 1946 when h e was on leave and Mr. V. G. Sabnis, B.A., B.E., Assistant Superintendent of Licences and Mr. S. G. Redkar, B.Sc., LL.B., acting Chief Inspector of Shops and Establishments Section, looked after his work in the respective sections.

Mr. D. I. Ahmadi, B.Ag., held the post of Superintendent of Gardens during the year except from 15th March 1946 till the end of the year when he was on leave and Mr. J. N. Barowah, Assistant Superintendent of Gardens looked after his work.

Mr. S. C. Upadhayaya, M.A., LL.B., (Bom.), held the post of the Curator, Victoria and Albert Museum during the year except for the periods from 1st October 1945 to 30th November 1945 when he was on leave, from 28th December 1945 to 5th January 1946 and 24th January 1946 to 29th January 1946 when he was deputed to Madras and Baroda to attend the second annual meeting of the Museum Association of India and VII All India Library Conference respectively and Mr. L. B. Samant, Museum, Assistant, looked after his work during these periods.

Mr. A. H. K. Shaikh held the post of the Controller of Stores, during the year except for the period from 11th February 1946 till the end of the year when he was on leave and Mr. N. L. Nemblekar, Assistant Controller of Stores, acted for him.

The following Officers continued in their respective appointments throughout the year :—

Mr. B. V. Mody, B.A., (Hons.), as Municipal Secretary.

Mr. N. V. Modak, C.I.E., M.I.C.E., M.I.E., (India), M.I.M. & Cy.E., F.R.San.I. etc., J.P., as City Engineer. (Mr. Modak's term of office expired on 9th July 1945, but the same was renewed for a further period of five years *Vide* C. R. No. 212 of 3-7-1945).

Mr. J. K. Daruwalla, B.A., (Hons.), A.S.A.A. as Chief Accountant.

Mr. N. Coombs, I.C.C. (Eng.), as Chief Officer Fire Brigade.

Mr. L. S. Kagal, B.A., (Hons.), LL.B., as Assessor and Collector.

Mr. T. V. Doraiswamy, B.Com., as Test Audit Officer.

Mr. B. A. Contractor, G.B.V.C., as Superintendent of Markets.

Mr. M. B. Maniar, Solicitor (London), as Legal Assistant.

Mr. K. R. Kelkar, B.A., as Election and Town Duty Officer.

III.—FINANCIAL.

General.

The Allies' Victory wheels continued to revolve so fast that earlier in the year under review, the German resistance was completely broken which brought an end to the war in the Western Zone. Later on within a space of a couple of months, the discovery and subsequent use of the Atomic Bomb on Japanese Cities and Russia's declaration of war on Japan brought about surprisingly early an unconditional surrender of the Japanese forces. Thus the Second World War has come to an end after three hundred and ten weeks of destruction and carnage.

This change of events in the war situation and also on account of the advent of a Labour Ministry in England, has brought about a reaction in India. With the complete destruction of Japanese industrial centres and with the prevalent world wide famine of cloth, Indian Textile Industry seems to be assured of a bright future at least for some years to come.

The fortunes of the City are linked with the local textile industry. The position of the most Indian Textile Industries, as also that of the local textile industry remained favourable during the year. This has also reflected on the Municipal Finances to some extent as will be seen from the following account.

Estimates and Actuals of Income and Expenditure.

According to the Budget Estimates, the income, expenditure and deficit for the year were estimated at at Rs. 447.09 lakhs, Rs. 496.73 lakhs and Rs. 49.64 lakhs, respectively. However, the actual income realised was Rs. 487.37 lakhs, and the expenditure incurred was Rs. 493.13 lakhs so that the year ended with a deficit of Rs. 5.76 lakhs.

Variation in Income.

The actual income during the year, *viz.*, Rs. 487.37 lakhs shows an increase of Rs. 57.60 lakhs as compared with that of the previous year, *viz.*, Rs. 429.77 lakhs. The total increase was Rs. 58.16 lakhs against which there were decreases amounting to Rs. 0.56 lakh. The main increases were under General Tax, Rs. 24.17 lakhs, Town Duties, Rs. 1.56 lakhs, Grant-in-Aid in respect of fines for offences against the law, Rs. 0.31 lakh, Interest and Profit on Investments of Surplus, Loan and other balances, Rs. 1.14 lakhs, and Miscellaneous Revenue Rs. 2.57 lakhs, Water Works, Rs. 17.22 lakhs, Public Health, Rs. 1.08 lakhs, Halalkhore Tax and Miscellaneous, Rs. 3.33 lakhs, Roads, Drains and Sewers, Rs. 2.60 lakhs, Mechanical Rs. 1.04 lakhs, Fire Tax, Rs. 0.44 lakh, Licensing, etc., Rs. 1.40 lakhs, Markets and Slaughter Houses, Rs. 0.48 lakh. The decreases were under Buildings, Land Acquisition and Management, Rs. 0.35 lakh, Interest on Net Premia Fund and excess interest on Sinking Fund, Rs. 0.21 lakh.

Details of Expenditure.

The actual expenditure for the year *viz.*, Rs. 493.13 lakhs shows an increase of Rs. 80.18 lakhs over that of the previous year, *viz.*, Rs. 412.95 lakhs. The expenditure for the year includes Rs. 55 lakhs credited to Post War Reconstruction Fund. If this amount is excluded therefrom the normal expenditure for the year is Rs. 438.13 and the net increase is of Rs. 25.18 lakhs. The total increase in expenditure amounted to Rs. 84.51 lakhs, *viz.*, Rs. 1.61 lakhs under General Supervision, Rs. 11.90 lakhs (including Rs. 10 lakhs for Post War Reconstruction expenses) under Water Works, Rs. 7.29 lakhs under Education, Primary, Rs. 0.93 lakh under Public Health, Rs. 4.24 lakhs under Medical Relief and Education, Rs. 1.30 lakhs under Street Cleansing and Conservancy, etc., Rs. 0.74 lakh under Fire Brigade, Rs. 0.13 lakh

under Licensing, etc., Rs. 0.13 lakh under Markets and Slaughter Houses, Rs. 1.10 lakhs under Contribution to Improvement Schemes, Rs. 0.79 lakh under Provident Fund, Pensions, etc., Rs. 8.26 lakhs under Dearness Allowance, Rs. 0.36 lakh under Grants-in-Aid to Public Institutions, Rs. 0.73 lakh under Measures for Civil Defence and Rs. 45 lakhs under Post-War Reconstruction Fund. The total decreases in expenditure amounted to Rs. 4.33 lakhs, the main items being Rs. 3.32 lakhs under Roads, Drains and Sewers, Rs. 0.74 lakh under Mechanical, Rs. 0.17 lakh under Buildings, Land Acquisition and Management and Rs. 0.10 lakh under Gardens and Open Spaces.

Incidence of Taxation.

The incidence of taxation per head for the year was Rs. 27-5-3 against Rs. 24-2-2 for the preceding year.

Surplus Cash Balance.

The net unhypothecated Surplus Cash Balance on 31st March 1946 (including the minimum required by law), was Rs . 60.20 lakhs against Rs.69.08 lakhs on 31st March 1945.

Stores on hand.

The balance of stock including Surplus and Obsolete on 31st March 1946 was valued at Rs. 12.67 lakhs against Rs. 12.79 lakhs at the close of 1944-45 showing a a decrese of Rs. 0.12 lakh.

Expenditure Grants.

The total amount of grants (including Renewed and Additional Grants) was Rs. 537.21 lakhs while the expenditure amounted to Rs. 493.13 lakhs, leaving an unexpended balance of Rs.44.08 lakhs. Out of this, grants aggregating to Rs. 20.45 lakhs are reserved for being renewed for expenditure in 1946-47 while Rs. 23.63 lakhs are treated as savings.

Additional grants sanctioned during the year aggregated to Rs. 21,33 lakhs against Rs. 19.23 lakhs in 1944-45.

Loan works Expenditure.

The expenditure on Capital Works during the year amounted to Rs. 17.05 lakhs against Rs. 50.31 lakhs provided for in the revised estimates under this head.

Loan floated during the year.

During the year, loans amounting to Rs. 22.00 lakhs were raised at 3½ per cent. interest per annum with 30 years' currency on 3 per cent. Sinking Fund basis. In addition to this, Loan advances were taken from the Special Funds to finance the expenditure on Plant and Macninery and for renewal of Road Surfaces for which no provision existed in the Fund.

Loan Liabilities.

Reduction of Debt during the year amounted to Rs. 107.65 lakhs. The loan liabilities of the Corporation at the close of the year stood at Rs. 1 295.03 lakhs. The total Sinking Fund required upto 31st March 1946 was Rs. 339.96 lakhs but the actual value was Rs. 368.59 lakhs as under :—

	Rs.
Public Securities of the Market Value of	365.48
Interest accrued on the above securities upto 31st March 1946	3.11
Total ..	368.59

A comparison of the net revenue and net expenditure for 1944-45 and 1945-46 is made below in accordance with Standing Committee Resolution No. 12212, dated the 3rd February 1942 :—

Particulars.	1944-45.	1945-46.
	Rs.	Rs.
Net revenue after deducting refunds, draw-backs and charges in respect of assessment and collection and granting of refunds :—		
General Tax	1,55,00,646	1,79,06,427
Town Duties	18,08,663	19,63,569
Music, etc., and Liquor Licences	5,838	9,299
Returns from Property and Miscellaneous	14,55,109	18,75,177
Water Works	39,76,980	45,03,232
Street Cleansing and Conservancy, Road Watering and Halalkhore Service.	12,83,516	14,84,682
Wheel Tax and Tolls	17,58,787	18,75,449
Fire Tax	2,18,756	1,89,219
Markets and Slaughter Houses	11,17,944	11,58,189
Licensing and Removal of Encroachments, etc.	391,254	5,18,110
Contribution from Capital Funds to Revenue on account of Loan Works Staff	57,476	66,590
Extra-ordinary receipts :—		
(a) Interest on Net Premia Fund and excess interest on Sinking Fund ..	1,05,636	84,956
Rebate from Government on account of collection of the Urban Immovable Property Tax in the City	1,82,460	1,82,044
Excess accumulation in the Plant and Machinery Depreciation Fund ..	43,534	..
Total ..	2,78,19,531	3,18,16,943

Particulars.	1944-45	1945-46.
Net expenditure after deducting receipts :—	Rs.	Rs.
General Superintendence	4,18,525	4,07,690
Education, Primary	45,37,093	52,61,039
Education, Secondary	43,213	41,409
Public Health	10,25,054	10,10,793
Medical Relief and Education	27,16,652	31,30,491
Roads, Drains and Sewers (including Public Lighting)	63,40,774	58,75,307
Mechanical	15,51,252	13,84,361
Buildings, Land Acquisition and Management	10,93,344	10,99,853
Gardens and Open Spaces	4,48,174	4,35,524
Miscellaneous	2,83,010	4,42,231
Contribution towards Improvement Schemes	27,26,785	28,36,497
Provident Fund, Pensions, Gratuities and Compassionate Allowances	11,13,058	11,91,602
Urban Immovable Property Tax on Municipal Properties	46,328	45,424
Grain Compensation (Dearness) Allowance	34,60,430	42,86,690
Grants-in-Aid to Public Institutions	2,63,574	3,00,170
Measures for Civil Defence	69,936	1,43,407
Post-War Reconstruction Fund	..	45,00,000
Total	2,61,37,202	3,23,92,493
Surplus	+16,82,329	
Deficit		—5,75,550
Total	2,78,19,531	3,18,16,943

IMPROVEMENT SCHEMES

General Account.

Estimates and Actuals of Income and Expenditure.

The income, expenditure and deficit for the year as per Budget Estimates B were Rs. 101.05 lakhs, Rs. 103.02 lakhs and Rs. 1.97 lakhs respectively, the corresponding actuals being income, Rs. 100.96 lakhs, Expenditure Rs. 102.04 lakhs and Deficit Rs. 1.08 lakhs.

Variation in Income.

The actual income for the year, *viz.*, Rs. 100.96 lakhs shows a decrease of Rs. 1.04 lakhs over that of the preceding year, *viz.*, Rs. 102.00 lakhs. This is made up of decreases under receipts on account of Tobacco Duty Rs. 2.47 lakhs, Interest and Profit on Investments Rs. 0.06 lakh counterbalanced by increases of Rs. 1.49 lakhs *viz.*, Land Revenue Realisations Rs. 0.21 lakh, contribution from the Municipal Corporation Rs. 1.09 lakhs and Miscellaneous Receipts Rs. 0.19 lakh.

Details of Expenditure.

The actual expenditure for the year *viz.*, Rs. 102.04 lakhs shows an increase of Rs. 2.52 lakhs over that of the previous year, *viz.*, Rs. 99.52 lakhs. This is due to an increase of Rs. 3.02 lakhs under Maintenance of Properties and Streets counterbalanced by a decrease of Rs. 0.50 lakh under Debt Charges.

Capital Account.

Expenditure on Schemes.

The expenditure on Capital Works during the year amounted to Rs. 3.72 lakhs. Loan floated in the year. There was no fresh borrowing during the year.

Loan Liabilities.

Reduction of debt during the year amounted to Rs. 5.98 lakhs. The loan liabilities of the Improvement Schemes at the close of the year stood at Rs. 15,77,68 lakhs. The total Sinking Fund required upto 31st March 1946 was Rs. 318.57 lakhs but the actual value was Rs. 375.01 lakhs as under.

Public securities of the Market Value of	Rs. 373.71 lakhs.
Interest accrued on the above securities upto 6st March 1946	Rs. 1.30 lakhs.
Total	Rs. 375.01 lakhs.

IV.—ASSESSMENT AND COLLECTION.

Taxation, Demand, Collection & Outstanding.

The rates of taxation remained the same as in the preceding year, save in the case of the General tax, which was increased by 1 per cent. There were some variations in the rates charged for water supply by meter measurement, which ranged from Re. 0-10-0 to Rs. 2 according to the purpose for which water was used.

The total number of properties during the year was 50,571 against 49,631 in the previous year, showing an increase of 940. Out of these properties, 41,492 were assessed to General tax, 1,620 were exempted, 2,598 were not taxed, being small plots of waste land, etc., and 3,378 were Municipal plots. The number of single room tenements, double room tenements and flats was 2,36,901 ; 52,069 and 40,540, respectively, against 2,35,483, 52,637 and 39,824 in the preceding year.

The rateable value of all properties on 31st March 1946 was Rs. 16,71,69,555 against Rs. 16,00,98,370 and Rs. 15,93,54,514 in the previous two years. This gives a rate of Rs. 72-11-0 per head of population against Rs. 69-10-0 in the preceding year.

The total number of vehicles and animals taxed during the year (including those taxed under the Public Conveyance Act, *viz.*, 3,575) was 30,058.

For Property and Wheel taxes 87,552 and 90,528 bills were, respectively, issued during the year. The amounts collected against net total demands of Rs. 403.82 lacs and 18.29 lacs were Rs. 361.99 lacs and Rs. 15.74 lacs, which works out at 89.64 and 86.07 per cent. of the net demands, respectively. The percentage of the total recovery to the total net demand worked out to 89.49. The total outstanding of Rs. 44.37 lacs at the end of the year was reduced to Rs. 27.76 lacs on 30th June 1946, as recoveries to the extent of Rs. 16.16 lacs were made

by that date and bills for Rs. 0.46 lac were recalled and cancelled. Outstandings against private ratepayers at the end of the year stood at Rs. 35.18 lacs. Of these a sum of Rs. 2.76 lacs is due from the Royal Western India Turf Club in respect of the Race Course, against the value of which they have appealed. A sum of Rs. 8.24 lacs is due from the Garrison Engineer (Hirings) and other officers of the Government of India, who have disputed their liability to pay rates on Central Government Buildings put up after 1st April 1937. The balance of the outstandings is partly due to amended bills of about Rs. 8.37 lacs having been issued in the last month of the year on account of variations in the rateable values of properties due to additions and alterations.

The total amount of exemption from General tax allowed to different properties during the year came to Rs. 12.56 lacs against Rs. 11.46 lacs in the preceding year.

The number of claims received for drawback and Refund amounted to 85 and 1,941, respectively, against 361 and 1,452 in the previous year. Of these only 8 and 1,485, respectively were admitted, involving an amount of Rs. 0.01 lac and Rs. 0.84 lac, respectively.

1,486 complaints were received against modification of assessments during the currency of the year and 2,212 against original assessments. There were 58 appeals against rateable values.

V.—TOWN DUTIES AND ELCTIONS

Revenue from Town Duties.

The rates on all articles liable to Town Duty continued to be the same as in the previous year. The net revenue from Town Duties amounted to Rs. 22.20 lakhs against Rs. 20.05 lakhs in the previous year. There was an increase in the receipts from Grain, Wines and Spirits, Ghee and Timber.

Refunds.

The total number of claims received during the year was 5527 and the amount refunded was Rs. 4,67,776 against 5667 claims and Rs. 4,86,519 refunded during the previous year. The fees for stamping sugar bags and sealing ghee tins amounted to Rs. 16,733 against Rs. 21,149 in the previous year.

Miscellaneous.

The proposal of the Municipal Corporation to amend Schedule 'H' to the City of Bombay Municipal Act so as to enable the Corporation to levy town duty on certain additional articles is still pending with Government awaiting consideration by the Legislature. The question of enhancing the rates of town duties on existing articles is under consideration of the Law Revenue and General Purposes Committee.

Elections.

As usual the Municipal Election Roll was revised and published in pursuance of Section 20 of the Municipal Act. The Roll of Delegates of Registered Trade Unions consisting of 241 names of delegates was also published in accordance with Section 21A.

During the year under report there were 7 Ward By-Elections and one By-election in the office of a Councillor elected by the Chamber of Commerce.

Preliminaries for the preparation of the Election Roll on the basis of Adult Franchise have commenced since 1st February 1946.

The total expenditure incurred amounts to about Rs. 64,601.

VI.—PUBLIC WORKS.

Architectural Branch.

Maintenance of Municipal properties.

The total number of Municipal and ex Trust properties maintained during the year was 2,448. The upkeep and maintenance of these properties was carried out partly by contract and partly departmentally. Messrs. R. A. Patankar & Co., and Mr. L. Meghraj Panwarilal were the contractors for repairs and petty works, excluding monsoon repairs, for Divisions Nos. I and II at 25 per cent. and 21 per cent. above the schedule rates, respectively; Division No. I comprised of A, B, C, D and E East Wards and Division No. II of E West, F and G Wards including Bandra Slaughter Houses. Some of the works entrusted to the contractor for Division No. I are being carried out departmentally at his risk and cost, as he failed to carry out the same.

The works of monsoon repairs and of lime washing the properties were carried out departmentally. Expenditure incurred on New Works estimated to cost Rs. 88,248 was Rs. 17,875 and that on special repairs works estimated at Rs. 2,24,955 was Rs. 1,13,343. Besides these works, other miscellaneous works of about Rs. 35,897 were carried out on behalf of other Departments from the grants under their control.

Loan Works.

Expenditure booked during the year on Loan Works estimated to cost Rs. 3,44,168 was Rs. 57,137.

Other Emergent Works

Construction of 300 one-room tenements at Arthur Road and of 100 one-room tenements at Wadala was completed at a cost of Rs. 5,31,040 and Rs. 2,10,220 respectively. Also the works of repairs to the Ladies' Gallery of the Corporation Hall and of construction of a Fire Services Memorial at Byculla Fire Brigade Station were carried out at a cost of Rs. 1,600 and Rs. 10,691, respectively.

Civil Defence Works.

The war having terminated, no A.R.P. works were carried out. The blast walls have now been demolished and the works of reinstating private requisitioned buildings, which are being released to owners thereof are being carried out according to requirements.

Budget Grant and Expenditure.

The total Budget grant available from Budgets A and B was Rs. 19,72,781, against which the total expenditure amounted to Rs. 10,46,310. Out of this expenditure, works done departmentally amounted to Rs. 6,15,000.

Damage to Municipal properties during riots in the last week of February 1946.

About 10 Municipal properties were damaged or destroyed during the riots in February 1946. The total cost of making good the damage is estimated at Rs. 96,958. A claim for compensation for this damage has been lodged with the Chief Presidency Magistrate.

General

On account of high cost of materials and the difficulty of obtaining them, only a small number of urgent works were taken in hand. The execution of works was seriously handicapped for want of adequate Municipal transport. Hence, some private lorries were engaged from contractors, Messrs. New Bombay Transport Co., for facilitating transport of materials.

Building Branch.

Private building construction.

The total number of applications received for the construction of new buildings and for alterations and additions to the existing buildings was 2,938 against 2,373 during the previous year.

The number of one-room tenements constructed was 52, that of two-room tenements was 11 and that of blocks was 6, against 57, 18 and 8, respectively, in the previous year. The number of tenements demolished during the year was 24, of which 14 were one-room tenements and the rest were two-room tenements.

In the area affected by the explosions of April 1944, 487 proposals for repairs and construction of temporary godowns were sanctioned, out of which 307 buildings including godowns have been repired or newly built.

In all 6,836 notices were issued under different Sections of the Municipal Act against parties. Ins 2,006 cases prosecutions were launched during the year for enforcing requisitions under the various Section of the Municipal Act, of which 636 were withdrawn, 6 ended in warning and discharge of the parties, 329 resulted in convictions and 1,035 were pending.

The total number of buildings or portions thereof which collapsed during the year was 53, resulting in death of 12 persons and injuries to 32 persons.

Set-backs.

Set-backs valued at 1.60 lakhs were acquired and paid for during the year. The liabilities outstanding in respect of acquisition of set-backs amounted to Rs. 9.98 lakhs. The area added to roads during the year was 725.74 sq. yards at a cost of Rs. 6,044.

Stall-board and weather frame projections.

The total revenue realised from stall-board and weatherframe projections during the year was Rs. 1.27 lakhs and the expenditure incurred on account of the same was Rs. .33 lakh. No new projections of stall-boards were permitted, and as per the programme chalked out by the Corporation for eliminating stall-board projections, action was taken for their entire removal from certain streets. In all 1,679 notices under Section 308 of the Municipal Act were issued for the removal of unauthorized projections, out of which 1,356 were complied with by parties and the remaining 323 were pending at the close of the year.

Subvention Scheme.

No new notices were issued against landlords for compulsory conversion of basket privies into water-closets, in accordance with the Standing Committee Resolution No. 1658, dated the 18th February 1942, and no privy was converted into W.C. during the year.

Cement authorisation to private house-owners.

In all 4,003 applications for cement were received from house-owners for carrying out essential repairs to their properties, and after their scrutiny and inspection on site, authorisations aggregating to about 3,432 tons were issed by the City Engineer as per the arrangement with the Provincial Government. During the latter part of the year, the control over cement was considerably relaxed and the house-owners had not much difficulty in procuring cement for works.

General.

The revised Municipal Building Bye-laws as approved by the Corporation were confirmed by Government, with the exception of Bye-law No. 3, which sought to remove the exemption so far enjoyed in respect of buildings vested in Government, and the revised Bye-laws so confirmed by Government have come into force from 1-3-1946. The Codes for R.C.C. and steel structures have also been approved by the Corporation and they are awaiting confirmation by Government.

The suit filed by Messrs. Prabhavalkar and others against the Municipality, disputing *inter alia* (1) the Municipality's right to prevent the owner from proceeding with building work within one year from the date of the original sanction after the Municipality had disposed of the plans and sent an intimation of disapproval to the party, and (2) the Municipal Commissioner's power to prescribe regular lines, on a public street constructed according to the layout sanctioned by the Corporation, was dismissed with cost in the High Court by Justice Chhagla, whose judgment was upheld on all points by the full bench of the Bombay High Court and also by the Privy Council on appeal.

Mechanical Branch.

Workshops

The total expenditure on departmental and private works carried out in the Municipal Workshops amounted to Rs. 2.33 lakhs against Rs. 2.53 lakhs in the preceding year, and that on the upkeep and overhead charges amounted to Rs. .72 lakh which works out to 33 per cent. on the expenditure incurred on labour and stores used in the execution of works, against 27.3 per cent. of the preceding year.

Dadar Purification Works.

The total volume of sewage received at the Dadar Purification Plant amounted to 3758.88 million gallons, *i.e.*, an average of 10.28 million gallons per day. The quantity of crude sewage digested amounted to 18.25 million gallons, and the gas generated amounted to about 20.8 million C.ft. the average generation per day being 57.173 C.ft. The potential income from the gas generated would amount to Rs. 83,472 at the rate of Rs. 4 per 1,000 C.ft. charged by the Bombay Gas Co. to the public, but about 12.8 million C.ft. of gas could be utilized. The gas was continued to be supplied to various hospitals, institutions and buildings, and the total income derived from this supply amounted to about Rs. 39,200.

The sludge gas compressor plant developed mechanical trouble and was not put right till the end of the year. The lorry fitted with sludge gas cylinders did not, therefore, run on the sludge gas. Proposals for installing one more additional compressor to work as a stand-by are under consideration.

Machinery for electric power generating plant to utilise the excess gas has been received and the construction of a building for accommodating the machinery is in progress.

A number of gas leaks through the joints in the floating roof of the Digestion Tank, which has been in continuous service for 9 years, resulted in registering diminished quantities of gas collected. The tank is now in need of repairs, but unless an additional tank included in the scheme of extension of the Works is constructed, it cannot be thrown out of operation. Proposals for constructing an additional Digestion Tank are being submitted to the Corporation.

The volume of sewage received at Dadar Purification Works continued to be in excess of the purification capacity of the plant. Owing to the war and high cost of equipment and materials, no extensions could be taken in hand during the year.

The maintenance cost of the Purification Works together with the Pumping Station, at the Plant amounted to Rs. 1,09,065 during the year.

Pumping Stations.

Love Grove Pumping Station.—The average quantity of sewage pumps during the dry weather amounted to about 63.3 millon gallons per day, while during the monsoon period it amounted to 86.34 million gallons per day. The cost per million gallons works out to about Rs. 5.41 against Rs. 6.70 of the preceding year. The total expenditure during the year amounted to Rs.1,44,044 against Rs. 1,72,902 for the preceding year.

This station is in need of an additional transformer and at least one additonal pump of 45 million gallons per day capacity to cope with the peak-load flow received by it. The Corporation have already sanctioned the construction of an additional pumping station to deal with the increased quantity of sewage coming to Love Grove, but the work could not be taken in hand for want of funds and also on account of the conditions created by the war. Now that the war is over and conditions regarding availability of equipment and materials are easing, a beginning will be made with the installation of two additional trnsformers during the year 1946-47.

The preparation of detailed plans and estimates in connection with the scheme for dealing with the problem of sewage disposal at Love Grove which has been administratively approved by the Corporation, could not be taken in hand as the prices of materials were fluctuating and no definite data in regard thereto could be obtained.

Matunga Pumping Station.—The transformers erected at this Station have been working satisfactorily and the saving effected by the insallation of the transformers and static condensers amounted to Rs. 4,357. The maintenance cost of this Station amounted to Rs. 40,707 during the year.

The other minor Pumping Stations continued to work satisfactorily. It is, however, necessary to provide additional pumping sets at Mahim and Matunga Pumping Stations to deal with the peak-load as well as average flows, and early steps will be taken in the matter. The maintenance cost of these stations amounted to Rs. 81,456 during the year.

Compressor and Ejector Stations.

The four Compressor Stations, *viz.*, Victoria Gardens, Fergusson Road, Colaba and Warden Road consumed 35.90 lakhs electric units at a cost of Rs. 1.02 lakhs. The average cost per unit at the first three Compressor Stations was .43 anna and that at Warden Road Station was .566 anna. Owing to war conditions the proposals of erecting one noiseless slow speed compressor at Warden Road had to be dropped.

Great difficulty was experienced in working the Ejector Stations located in different parts of the City, as most of them have served their useful life. Proposals for replacing some of them by Pumping Stations, have already been sanctioned by the Corporation, but their execution has been delayed due to conditions created by the war. The schemes for doing away with the ejectors at Fergusson Road and DeLisle Road are in hand.

The total expenditure on the maintenance of compressors and ejectors amounted to Rs. 1.70 lakhs against Rs. 1.83 lakhs during the preceding year.

Inspection of Factories Workshops etc.

516 new proposals for permits and licences were inspected and disposed of. Complaints regarding nuisance by existing factories, etc., were investigated and necessary steps taken.

Motor Transport.

91 vehicles were in commission during the year. 3 Ford and 3 Dodge trucks were purchased during the year for the removal of refuse, meat and stall boards. The 3 Dodge trucks were damaged during the disturbances in the City on 22-2-1946, out of which one truck has been completely damaged. One car was also purchased during the year for the use of the City Engineer.

The total expenditure on supervision and maintenance of motor transport was about Rs. 8.76 lakhs. Due to war conditions, the prices of petrol and parts of vehicles were abnormal.

Refrigerator Plant at Arthur Crawford Market.

This plant, having passed its useful life, requires to be replaced immediately, but owing to war conditions the installation of a new plant had to be postponed. Necessary budget provision has, however, been made in 1946-47 and tenders for a new plant have been received.

General.

Measures are under consideration to deal with the increased sewage consequent upon the increased water supply proposed to be brought into the City under the augmentation scheme.

The Municipal Workshops were broken open and set on fire by an unruly mob during the disturbances of 22-2-1946, causing extensive damage to the main building and Municipal property and destroying all office records. The damage is estimated at about Rs. 45,000 and a claim for compensation therefor has been lodged with the Chief Presidency Magistrate.

Works Branch.

Road and Drainage Works.

The cost of road and drainage works carried out during the year amounted to Rs. 7.58 lakhs, out of which works costing Rs. 6.26 lakhs were carried out departmentally and the rest were carried out by contract.

Asphalt Plant.

The Asphalt Plant which was closed since 1942 for want of asphalt was restarted and put into commission from 19-4-1945, and it was run by contract labour for the first time since its installation in 1921-22. The results are found satisfactory and economical. About 49,450 square yards of area was laid with different methods during the year. The rate of asphalt was high, *viz.*, Rs. 217 per ton as against Rs. 198 in 1941-42 and Rs. 137 in 1940-41. The total mileage of roads treated with Plant-mixed asphalt carpet upto 28-2-1946 was 51.894 miles. The total expenditure incurred on the working of the Asphalt Plant during the year amounted to Rs. 3.48 lakhs and the amount realised by recoveries was Rs. 3.68 lakhs, which shows a profit of about Rs. 20,000 on the working of the Plant.

Crushers.

Two Crushers at Worli and two at Sewri were worked during the year. The labour required for running the Crushers was engaged by contract at the rate of Rs. 3-5-0 and Rs. 4-1-0 per 100 C.ft. of rubble crushed at Worli and Sewri, respectively. The total output of these Crushers was 9,606 brass during the year and there was a net profit of about Rs. 95,700 over this working.

Repairs and Maintenance of Roads and footpaths.

The total mileage of roads in the City at the close of the year was about 267.393 miles. About 3.30 lakhs square yards of road surface of different types was repaired at a cost of about Rs. 7.40 lakhs. Besides this, an additional expenditure of Rs. 2,43,724 was incurred on ordinary and B.C. patching of road surfaces. The above figures of cost are exclusive of the general, overhead and miscellaneous charges which amounted to Rs. 1.33 lakhs. The percentage of these charges on the direct expenditure on road repairs and departmental and private works carried out by the Maintenance wards comes to 7.48 (235 works on behalf of other Departments and 130 works on behalf of private parties were carried out at a cost of about Rs. 1 lakh and 89 lakhs, respectively.)

Capital Roads. Expenditure amouting to Rs. 2.07 lakhs was incurred during the year on works carried out from Renewal of Road Surfaces Fund.

Road Watering. All water-bound roads and katcha footpaths were watered twice a day.

Paving of footpaths. During the year 1,399 square yards of katcha footpaths in different developed localities were paved and 5,244 square yards were surface-dressed.

Traffic Amenities. Painting of centre lines on main arterial roads was continued during the year at the cost of the Police Department, as it helped the regulation of traffic. The work of constructing traffic islands on important junctions in the City was in progress according to the list of priority approved by the Traffic Advisory Committee. New traffic islands at (1) Bellasis Road junction Ripon Road and Clare Road, (2) Government Gate Road junction Parel Back Road, and (3) Katrak Road junction Sewri Cross Road, were laid out at Municipal cost; and the temporary islands at Bhavanishankar Road and Tilak Bridge were converted into permanent ones.

Roadside trees. During the year 900 new trees were planted along roadsides at a cost of about Rs. 7,100. Out of these, 342 were freshly planted and the rest were for replacing casualties. The total expenditure incurred on maintenance of roadside trees amounted to Rs. 10,110. During the disturbances in February 1946, 330 trees and 260 tree guards were damaged. The cost of making good the damage is estimated at Rs. 21,530 and has been included in our claim for compensation lodged with the Chief Presidency Magistrate.

Benches, street name-boards and public monuments. Benches, street name-boards and public monuments in charge of the City Engineer's Department were maintained in good condition.

Motor traction and road rollers. The total number of motor lorries and trucks in the Road Department was 29 and the expenditure incurred on their working amounted to Rs. 1,72 lakhs. Some of the lorries of this Department had to be diverted on the work of removal of refuse which necessitated hiring of private lorries for transport of road materials. The total number of road rollers in charge of this Department was 26, out of which 22 were steam-driven, 3 petrol-driven and 1 diesel-driven.

Income. The following amounts were realised from road opening fees and ground rent or fees for temporary use of roads or footpaths for different purposes:—

			Rs. a. p.
(1) Road opening fees	...	...	2,344 0 0
(2) Stacking building materials and putting up scaffoldings	...	...	13,485 7 0
(3) Ground rent—			
(a) Rent for tramway tracks	66,944 0		
(b) Rent for miscellaneous occupations	21,209 7		
			88,153 7 0
(4) Fees for erection of mandaps, placing chairs, benches, etc.	...	...	4,071 0 0
	Total Rs.	...	1,08,053 14 0

Public street lighting. The electric lighting in the City was practically brought to the pre-war standard. Owing to shortage of coal required for coal gas, however, the gas lighting has still been subject to certain restrictions. Proposals for improving oil lighting in undereloped localities like Dharavi by replacing worn out lamps and providing some additional lamps are under way.

The total number of street lamps in the City at the end of the year was 10,864 against 10,838 in the preceding year. The lamps were lighted by gas, electricity and incandescent oil, as the case may be, and the expenditure incurred on their lighting during the year was as under:—

Kind of lighting.	Candle Power.	Expenditure for lighting and maintenance.
		Rs.
Gas	19,73,364	4,88,625
Electric	4,42,221	2,58,645
Incandescent Oil	99,000	38,850
		7,86,120

An additional expenditure of Rs. 19,225 was incurred on the erection of new lamps and repairs and maintenance of old ones. A sum of Rs. 43,630 was paid to the Bombay Port Trust on account of maintenance of the surface and lighting of wharves and roads in their charge.

About 2,000 gas lamps, 393 electric lamps and 14 incandescent oil lamps were damaged during the disturbances in February 1946, and the cost of making good the damage amounts to about Rs. 70,000. Similarly, damage was done to roads, etc., in charge of the Maintenance and Construction Sections, and the cost of making good the same amounts to about Rs. 17,000. These amounts have been included in the general claim of the Municipality lodged with the Chief Presidency Magistrate.

Labour Problem. The maintenance of departmental labour is becoming costlier day by day owing to their tendency of shirking work, and also trouble is created by them by threatening with 'strike'. As turn-out by this labour is less, the cost of departmental works is increasing. Labour by contract was found to be economical in the case of stone crushers and Asphalt Plant.

Requisitioned Buildings. Due to the shortage of housing accommodation in the City, the Municipal labour staff housed in requisitioned buildings for A.R.P. purposes during the war continued to occupy the buildings during the year on payment of concessional rents on sliding scale. On representation being made to Government, they have since accorded their approval to share the rent of these buildings upto 23-2-1947. The question of finding alternative accommodation for the staff is being considered.

Maintenance of drains and sewers. Works of repairs and alterations to drains and sewers, including removal and replacement of manhole frames and covers, water entrances, etc., were carried out. The total mileage of pipe sewers and ovoid sewers at the close of the year was 205.86 and 17.18 miles, respectively, out of which 120.05 and 1.67 miles of sewers were cleaned. The total length of storm water drains at the close of the year was 209.28 miles, out of which a length of 10.44 miles was cleaned.

Kurla-Deonar Railway Works.

Removal of Town refuse to Deonar.

The town refuse was, as usual, transported to Deonar in Railway wagons. The total refuse so removed was 2,75,148 tons against 2,62,476 tons in the previous year and the cost of its removal and disposal at Deonar amounted to Rs. 3.43 lakhs against Rs. 3.30 lakhs in the previous year. The rolling stock of the Municipal wagons was 181 and the cost of their maintenance including Railway sidings amounted to Rs. 48,299 against Rs. 55,319 in the previous year. Most of the wagons have outlived their useful life and are required to be replaced by new wagons immediately. Yearly provision is being made to replace them in the next ten years.

The work of unloading the wagons was carried out by departmental labour housed at Deonar at a cost of Rs. 1,05,950 against Rs. 1,02,040 in the preceding year. The increase in cost is due to increase in the quantity of refuse transported to Deonar on account of the rise in the population of the City.

The total area reclaimed so far is 351 acres out of a total of reclaimable area of 823 acres at Deonar.

Income.

The total income realised from cultivation or letting of reclaimed land, sale of right of fishing, etc., amounted to Rs. 1,01,941-13-0 against Rs.86,211 in the preceding year.

Amenities.

Amenities, such as free medical aid, primary education, the use of the welfare centre and the gymnasium, etc., were continued to the staff in the Labour Camp. The Maternity Ward with 4 beds provided at the Camp could not, however, function for want of complete equipment.

Military Railway sidings.

Railway sidings laid by the Military authorities on the land lesed to them were put into operation during the year.

General.

The scheme for laying a pipe line from Dadar Sewage Purification Plant to Deonar for carrying sewage/sludge/effluent for irrigation of Municipal or private lands at Deonar could not be taken in hand on account of non-availability of materials due to conditions created by the war.

In the main scheme of pumping of sewage from Love Grove, it has been proposed to send digested sludge to Kurla-Deonar for being composted with refuse, and experiments in this connection are proposed to be carried out. It is expected that this would open a new source of income to the Corporation.

The incinerator at Love Grove burnt about 2,300 tons of refuse. The question of installing more incinerators in the City with a view to lessening the number of wagons to be sent to Deonar is under consideration.

VII—ESTATES AND LAND MANAGEMENT.

NEW SCHEMES.

Scheme 74.—Sion Overbridge Improvement Scheme.—The acquisition of all the properties in the Scheme has now been completed. Possession of property in case No. L.A.Q. 38/1 was taken on 9-11-1945.

Scheme 57—Bhoiwada (South)—Negotiations for acquiring the Government passages at a nominal compensation of Re. 1 are in progress, so that surplus land in this scheme can be disposed of.

Scheme 76.—Lohar Gully, Wanzawadi at Mahim.—With a view to acquiring the land for the improvement of the area around Lohar Gully and Wanzawadi a notification under Section 354-C(1)(*ii*) of the Municipal Act has been issued and further notification under Section 354-E(2) of the Municipal Act will be issued as additional area has been included in the Scheme.

SLUM SERVICE AND CLEARANCE.

(1) *Scheme for the extension of Kelewadi Lane.*—Out of the remaining 5 properties to be acquired for the scheme one is already taken charge of and the other four properties in respect of which negotiations have been completed will be taken charge of shortly. The actual work of completion of the passage will be taken in hand when all the properties have been acquired.

(2) *Improvement of Lohar Chawl Lane off Wanzawadi.*—The Scheme was notified under Section 345(1)(*i*) of the Municipal Act.

(3) *Development of Gollanji Hill Estate.*—Plans and estimates for the development of Gollanji Hill have been approved by the Corporation. A detailed plan of the layout is under preparation.

(4) *Development of Dharavi.*—The layout of the area lying to the south of Dharavi Road has been sanctioned by the Corporation.

(5) *Report regarding Housing Problem in the City of Bombay.*—A Scheme for providing 500 rooms at Sion for accommodating the persons now staying in slum areas at Dharavi and Sion, who will be shifted from there, has been prepared and is before the Corporation for their consideration.

(6) *Mandvi Town Planning Scheme.*—Government by their notification dated the 9th July 1945 sanctioned the making of a Town Planning Scheme for the Mandvi area. The work of surveying the buildings covered by the scheme and the preparation of the Valuation Statement in form "A" is in hand. So far about 185 permits have been issued to the owners for putting up temporary structures. Messrs. A. H. Bhiwandiwalla & Co., lessees of some plots on Elphinstone Estate of the Port Trust, situated in the area notified for a Town Planning Scheme, gave a notice of motion in the High Court requesting the Court to compel the Commissioner to allow them to build in the area of the proposed road. This was dismissed with costs.

The City of Bombay (Building Works Restriction) Act, 1944, which restricted the buiding activities in the Mandvi area continued to be operative upto and inclusive of 31-12-1946 under Government notification No. S. 108/A of 14-12-1945.

ACQUISITION OF LANDS.

(Ex-Trust Schemes.)

(Cases in respect of Old Slums notified prior to Amalgamation).

Out of the remaining 3 cases having an area of 4,649 square yards to be acquired, possession of the property in one case in Scheme 37 was taken on 22-8-1945. As regards the other two cases in Scheme 5, the agreement embodying the revised terms of settlement in cases Nos. 538 and 538-A has been received from the Sub-Registrar and the Special Land Acquisition Officer has been asked to open the case for recording the settlement. The modifications suggested in the agreement by the Trustees of the other temple property bearing Case No. 374 are under the consideration of the Legal Assistant.

Changes in the Ex-Trust Estates.—The area of the permanently leased land increased during the year from 48 lakhs square yards to 50 lakhs square yards and the rent in respect thereof increased from Rs. 34.53 to Rs. 36.25 lakhs. The area of developed land remaining to be leased was 4.3 lakhs square yards against 4.5 lakhs square yards in the preceeding year. The area of the undeveloped land was reduced from 58.8 lakhs square yards to 57.08 lakhs square yards. Out of the total of about 2,879 acres vested in or acquired by the Ex-Trust, about 41 per cent. remained to be developed and of the developed area 7.6 per cent. remained to be leased. The average value of the leased plots is Rs. 20 per square yard and that of plots which remained to be leased is estimated at Rs. 23 per square yard.

There were practically no vacancies in the chawls or acquired properties during the year under report. Members of the inferior staff, who are entitled to receive house rent allowance, continued to occupy rooms in Ex-Trust permanent chawls rent-free in lieu of house rent allowance. Their number was 397 on 31st March 1946. Railway passes are being issued at Municipal cost to such of them as are obliged to reside beyond one mile from their place of work.

During the year, 3 acquired buildings containing 7 tenements were either demolished or transferred to vacant land register. The new residential accommodation made available in the houses erected by the lessees of the Ex-Trust Estates was 8 tenements only. No more accommodation could be provided as the Building Control Order prohibiting the construction of new buildings was operative throughout the year. The total number of tenements provided upto the close of the preceeding year in all the Trust Estates including those erected by the Development Department and the several Mill Companies exceeded the total number of tenements demolished by 30,209.

Three hundred tenements were constructed at Arthur Road by the Citizen's Relief Committee for accommodating the residents of the Mandvi Area, rendered homeless by the explosion in the Dock Area in 1944, and handed over to this department for management. To afford further relief a hudred more rooms are being constructed near Wadala Station in Scheme 57.

DISPOSAL OF LANDS.

Long Lease.—The number of plots let during the year was 147 comprising a total area of 2,00,739 square yards (about 41.5 acres) and valued at Rs. 48,50,130-15-0. In addition to this one plot in Scheme 58, having an area of 100 square yards, was sold outright for Rs. 1,000. The total number of plots disposed of upto the end of 1945-46 is 3,841, with an area of 52,24,209 square yards (about 1,069 acres) and valued at Rs.10,35,36,496, yielding an annual rent of Rs. 36,24,575 in respect of plots for which premium or commutation amounts have not been received. The rate at which the ground rents are commuted is at 22½ years purchase for plots let before 23-11-1920, and 18 years purchase thereafter. The total amount received by way of commutation and premium during the period between 1934-35 to 1945-46 was Rs. 255.42 lakhs out of which a sum of Rs. 27.86 lakhs was received during the year.

Short Leases.—There were 610 acquired or surrendered buildings in charge of the Estate Agent and Land Manager's Department at the commencement of the year. Six buildings were sold, one was demolished and two were transferred to Vacant Land Register. Thus there remained 601 buildings containing 5,148 tenements.

The rents realised from acquired, re-entered upon, or surrendered buildings in 1945-46 aggregated to Rs. 6,52,433 and the total temporary revenue realised during the year was Rs. 14,18,297 against Rs. 15,77,448 in the previous year. The fall in revenue is partly due to the sale of buildings and partly due to non-receipt of municipal dues from the military authorities and Government of India Departments.

The gross demand of the ex-Trust chawls for the year was Rs. 9,64,209. The net demand for the year after excluding the amount of Rs. 243 for vacancies and Rs. 32,453 for concessional rents was Rs. 9,31,513. The revenue actually booked came to Rs. 8,39,957 which is equivalent to 90.17 per cent. of the net demand for the year. The total collection from the chawls would amount to 103 per cent. if the adjustments of Rs. 1,28,478 in respect of A.R.P. occupations and house-rent allowance bills were taken into account.

The gross demand for the year 1945-46 of 2,842 rooms in the semi-permanent sheds, including the permanent ground floor rooms and sheds known as Labour Camps, was Rs. 1,60,721. The net demand for the year excluding Rs. 50 for vacancies and Rs. 2,817 for concessional rents was Rs.1,57,854. The amount actually booked came to Rs. 1,54,248 which is equivalent to 97.71 per cent. of the demand. The total collection under this head would amount to 102.5 per cent. if the adjustments of Rs. 3,975 in respect of rent due by the Schools Committee and the City Engineer's Department were taken into account.

The monthly rent charged for rooms in the permanent chawls built by the ex-Trust ranges from Rs. 4-15-0 to Rs. 12 for one room tenements, from Rs. 17 to Rs. 23 for two-room tenements and from Rs. 30 to Rs. 35 for three-room tenements.

The percentage of outgoings in respect of chawls and S. P. Sheds came to 67.03 and 67.91 per cent. respectively, on the basis of the maximum annual rental of Rs. 9,64,209 and of Rs. 1,60,721, respectively.

The collection during the year on account of rents from the chawls, amounted to Rs. 8,39,957. Deducting therefrom the expenses amounting to Rs. 6,47,058 the net income came to Rs. 1,92,899. The Capital Expenditure incurred on these chawls including the value of land is 151.53 lakhs. The Corporation have to pay interest and Sinking Fund charges at the rate of 4.61 per cent. per annum on the expenditure prior to 1919-20 and 6.35 per cent. per annum on the expenditure incurred in the years subsequent thereto. This amounts to 8.88 lakhs per annum. After deducting the amount of net income, the accounts for the chawls showed a loss of about Rs. 6.95 lakhs for the year.

The average population in the chawls during 1945-46 was 50,144 as against 48,986 and 45,168 in 1944-45 and 1943-44 respectively, whilst the corresponding figures for semi-permanent sheds (excluding Labour Camps) were 6,864, 6,881 and 6,113 respectively.

The death rate in the ex-Trust chawls during the year was 7.9 per 1,000, against 7.4 and 5.8 in the year 1944-45 and 1943-44, respectively. These are exclusive of deaths not reported to the Chawl Office as also of those that may have occurred outside the Chawls at Hospitals, etc.

Legal Proceedings.—In the year under review, 78 ejectment and claim suits were filed against the tenants who had run into arrears, and the total cost incurred in respect of these suits came to Rs. 1,189, which was recovered along with Rs. 221 being the arrears pertaining to the previous period.

(Municipal Section—Schemes, Overbridges, etc.)

Acquisition of Khardi Village Gaothan (Thana District) for prevention of contamination of Tansa Catchment.—The decision of the Government to notify the properties included in the old Gaothan under Section 6 of the Land Acquisition Act, is still awaited.

Acquisition of land for the construction of additional Purification Works, Tulsi Pipe Line, Dadar.—The points of defence have been filed in Case L.A.Q./45/6 by the Municipality for the determination of the compensation to be awarded in respect of the land acquired. The case has not reached the Board of the High Court for final hearing.

Acquisition of properties of Maruti Street, bearing C.S. Nos. 851, 867 and 866 Part of Fort Division in connection with the construction of the Proposed extension of the 60' Parsee Bazar Street.—The case has been settled under Improvements Committee Resolution No. 338 of 8-1-1946. As additional land belonging to the claimant and forming part of C. S. No. 866 is also proposed to be acquired, Government are now being requested to notify the additional land.

Housing Accommodation Scheme for Fishermen at Mahim Causeway.—A draft Scheme has been framed under Section 354-C of the Municipal Act and the proposal is awaiting the sanction of the Corporation.

Revenue Suit No. 1 of 1940.—Assessment of Crawford Market to land Revenue.—The appeal in the suit is pending before the High Court.

Reservation of an area for a recreation ground in lieu of Parel Tank Site resumed by Government.—Government have been requested to bear a portion of the cost of acquiring land for providing a play-ground in the locality. Negotiations are in progress.

VIII—WATER WORKS

Water Supply.

1. The total quantity of water supplied to the City and Suburbs during the year from various sources was 42,266 million gallons, of which 34,289 million gallons were supplied to the City from Tansa (93.94 million gallons per day), 6717 million gallons from Vehar (18.40 million gallons per day,) and 1260 million gallons were supplied to the Suburbs from Tulsi (3.68 million gallons per day). The Powai Lake remained unused as before. The average supply per day was 115.79 million gallons *i.e.*, 1.27 million gallons more than in the previous year. This amounted to 74.45 gallons per head per day for all purposes on the basis of the populaion recorded at the Census of 1941. If the actual population is taken at about 25 lacs (including floating population) the quota per head per day for all purposes works out to 44.37 gallons *i.e.*, .57 gallons per head per day more than in the preceding year. The minimum and maximum supply per day amounted to 10.4 and 126.90 million gallons respectively. The approximate quantity of water used for various purposes was 5.69 for mills, 3.63 for Railways and Port Trust, 4.23 for Suburbs, 51.495 for domestic supply, 14.75 for other purposes, such as, Drainage, and Sewerage works, Public conveniences, Hospitals, Charitable Institutions, Milch cattle and other stables, Gymkhanas and Play grounds, Race course, Laundries, Hotels, Fire purposes, Road washing, Gully flushing, etc., and 20.01 per cent. was wasted due to leaks and other unaccountable losses.

Rainfall.

2. The rainfall at Tansa, Vehar and Tulsi was above the average of the preceding quinquennium. Both Tansa and Tulsi Lakes overflowed for 61 days, and Powai for 92 days. The Vehar lake did not overflow during the year.

Trunk and Distributory Mains.

3. 197 miles of trunk mains of various sizes consisting of steel and cast iron mains and 27½ miles of masonry duct including 9 Venturi-meters, 179 hand operted sluice valves, 90 pressure gauges and recorders, 39 burst alarms, 123 air valves etc., were maintained during the year. 385 miles of trunk and distributory mains of various sizes were also maintained during the year within the City. One main-burst occurred during the year on 48" New Tansa main at Sion; besides two heavy leaks occured: (*a*) on 57" West Tansa main at Mahim, and (*b*) 72" West Tansa main at Mile 21 (Jamboli Division). In addition to this there were 15 bursts on various mains within the City.

Embankment and Trolley Track.

4. 118 miles of embankments, including cuttings, carrying the pipes and trolley track were maintained Out of a total length of 81.5 miles of trolley track only 65 miles were maintained for transport purposes for want of adequate funds.

Sterilization of Water Supply.

5. The entire supply from the Tansa lake was chlorinated at the Chlorination Plant at Powai and Ghatkoper, while the Vehar supply was chlorinated at the chlorination plant at Powai. The total cost of chlorination was Rs. 2,28,360 *i.e.*, Rs. 5.40 per million gallons. The policy of maintaining a certain residual dose of chlorine at Powai was continued. The Tulsi supply was treated with liquid chlorine, ammonia gas, ammonium sulphate and alum. A major portion of the cost was borne by Government as most of the supply was used for the Suburbs.

Bacteriological and Chemical water tests.

6. Fortnightly bacteriological and Chemical test of all the lake waters before and after chlorination were carried out throughout the year. The purity of water after sterilization maintained during the year conformed to the standard laid down by the Ministry of Health. in England.

Distribution of water in the City.

7. For distribution purposes the City is divided into three main divisions, (1) South and part of West, (2) Part of East and (3) Part of East, West and North which were supplied water from the Malabar Hill Reservior, the Bhandarwada Hill Reservoir and directly from the trunk mains respectively. As the lakes stopped overflowing at the end of August 1944 it was possible to bring to the City only about 106 million gallons per day upto end of June 1945 and the hours of supply were nine. During the rainy season the hours of supply were increased to ten.

Control System.

8. The distribution of water to all parts of the City for the supply, as well as for extinguishing fires is controlled at Babula Tank Control Station under the direct supervision of the Assistant Engineer Distribution. The control station is manned continuously for 24 hours from where orders are given to the different wards and the Reservoirs for regulating the supply from the trunk and distributory mains. Short supply complaints received by the Control Station from the general public are immediately transmitted to different Wards for taking prompt action. Particularly for the north of the Island a Sub-Control Station at Futka Tank is maintained for regulating the supply from the trunk mains, at times of fire.

Short Supply Complaints.

9. On account of increase in population, greater demand for water for industry and war purposes, and reduction in quantity of water due to failure of monsoon in its latter part, there was considerale shortage of water and 3223 short supply complaints were received and attended during the year. To mitigate the complaints as far as possible considerable regulation of the supply had to be done by operation of various sluice valves.

Gardens

10. The gardens, along the slopes of Gibbs and Ridge Roads, the Sir Phirozshah Mehta Gardens as Malabar Hill, the Joseph Baptista Gardens at Bhandarwada Hill and seven gardens outside the City were maintained during the year. On the occasion of the centenary of Sir Phirozshah M. Mehta, "the Lion of Corporation" on 4th August 1945, the Sir Pherozshah Mehta Gardens at Malabar Hills were tastefully decorated and profusely lighted.

Vegetable, Fruit and Flower show.

11. At the Vegetable, Fruit and Flower Show held at the Victoria Gardens on the 9th and 10th March 1946 the Sir Phirozshah Mehta Gardens, Joseph Baptista Gardens, and the Ridge Garden for Ladies and Children competed under different classes. Several prizes were awarded to the Gardens amongst which was the Municipal Commissioner's Cup for Public Garden, which was awarded to the Sir Phirozshah Mehta Gardens. The total amount collected in cash was Rs. 256.

House Connections.

12. 411 new house connections were given during the year bringing the total number of water connections to different premises in the City to 52,163. 43 connections were disconnected on account of demolition of buildings. 146 prosecutions were launched for infringement of the provisions of the Municipal Act and for violating Bye-laws relating to Water Works. 382 works, such as, giving connections etc., to private parties were carried out at their cost.

Fountains and Cattle troughs.

13. 78 drinking fountains, 17 cattle troughs, 37 drinking fountains with cattle troughs, 61 stand pipes and 2 dipping wells were open to the public and maintained during the year.

Defects in water mains and their testing.

14. 15,215 defects, 6482 underground and 8733 over ground were detected and repaired during the year. The total length of water mains tested for leakage by Deacon Meters and by sounding was 204 miles and 122 miles resctively. The number of notices issued to the owners of private premises for defects in water fittings was 1850.

Maintenance Branch Workshop.

15. The Maintenance Branch Workshop carried out throughout the year repair and testing works, including repairs and upkeep of Plant and Machinery pertaining to water department 43,499 water works fittings (27,121 from private parties and 16,378 pertaining to the Municipal works) were tested and the revenue derived from it amounted to Rs. 3,064. 1,208 meters of different sizes were maintained during the year. In addition to this, 181 meters were submitted by private parties for test, out of which 148 were passed and sealed and the remaining were rejected.

Chokes in Service-pipes.

16. The special staff appointed for detection of chokes in service pipes was continued during the year. About 1,987 connections were cleaned.

Cleaning of Consumers' pipes and fittings in Dadar Matunga Area.

17. To minimise complaints due to chokes in consumers' pipes and fittings in Dadar-Matunga Estate which is supplied from the Vehar lake, the Corporaion sanctioned funds for the work of cleaning consumers' pipes and fittings beyond stop taps in this area. The work was started in the middle of September 1943 and by the end of the year, 1155 connections (2,74,367 R.ft.) of different sizes were cleaned at a cost of Rs. 9,616. The work is still in progress.

Cleaning of Meter Strainers.

18. As an experimental measure, a special staff was appointed for periodical cleaning of meter strainers. 1481 meter strainers were cleaned by the end of the year. The number of complaints on account of chokes in meters was much less than in the preceding year.

Loan Works.

19. About 4.65 miles of distributory mains of different sizes were laid out of the Loan Funds. Other works provided under the Loan Funds, such as, Guniting Tansa Dam and providing a trolley track along the toe of the Dam, providing concrete blocks under steel mains outside the City, Guniting 57" steel mains in Sleater Road, and between Nardulla Tank Road and Elphinstone Road, repairs to the Swing Bridge in Kurla Creek, Housing of labour staff in outside City Division, etc., were carried out during the year under report. The total expenditure booked during the year amounted to Rs. 7,43,623.

New Works.

20. The works provided under New Works (Revenue) were carried out to the extent of Rs. 32,326.

Repairs to the Tansa Dam.

21. The work of guniting the upstream side of the Tansa Dam was started in the month of March 1944 by Messrs. John Fleming & Co., and was completed during the year under report. The total area gunited is 2,78,760 sq. ft.

For the work of laying trolley track at the foot of the Tansa Dam the masonry abutments and piers of bridge No. 6 were completed and the earth filling work of embankment to the north of it was continued.

In accordance with the terms of the contract with Messrs. Allied Construction Co., 6,500 sq.ft. of 3" concrete slab 12' wide on the top of the dam was laid during the year.

Pitometer Gaugings.

22. The special staff comprising of three sub-overseers and three peons was continued during the year. In all 119 gaugings were taken on various trunk and distributory mains.

Elevated Tank Constructed at Bhandarwada Hill.

23. The Contractors have not taken any action on the recommendations made by Mr. Nicolaides as reported last year. The contractors are very constantly reminded to expedite the repairs work.

Encasing the 57" steel mains in Sleater Road.

24. The work under previous contract was continued and completed by the contractors and about 278 R.ft. of steel mains were treated with reinforced gunite during the year under review.

Encasing the 57" steel mains in Tulsi Pipe Road.

25. On inspection these mains were found to be very badly corroded and therefore guniting of the same was taken up. The work was started on 3rd January 1946 and 240 R.ft. of steel mains were treated with reinforced gunite.

Concrete blocks under steel mains in the outside city division.

26. A further amount of Rs. 75,000 was sanctioned for this work out of which 159 blocks were constructed, (32 under 57" Tansa mains and 127 under 72" Tansa mains).

Swing bridge in Kurla Creek.

27. About 500 R.ft. of 48" C.I. pipes were brought and laid on site over the bridge on either side of the approach to be connected to the existing pipes.

28. Negotiations were carried out with the Tata Hydro Electric Agencies in order to arrive at the best possible solution to obtain the required quantity of water at a particular head. It was decided that the Municipality should make their own arrangements to utilize monsoon water from Pej Nala which is at a distance of about 3½ miles from the Tail Race by constructing a Dam across the Nala, as the Tata Hydro Electric Agencies have in view a scheme of putting up a low head power station by utilising additional 100 feet head and as during the monsoon period they could not guarantee for the quantity required by the Municipality.

Augmentation of City's Water supply.

A priliminary survey of the Pej Nala was carried out and the Corporation approved the scheme of constructing a Balancing Reservoir near the Tail Race. The Tata Hydro Electric Agencies have agreed to guarantee a minimum discharge of 37 million gallons per day into the Tail Race during the monsoon and 100 million gallons per day during dry weather.

The Corporation under their Resolution No. 1050. dated the 18th February 1946 sanctioned the appointment of a Special Officer and special staff to carry out the detailed survey.

29. The contractors have started the foundation work of the 188'-0" single span bridge.

Tulsi Pipe Bridge across Bandra Creek.

30. Estimates amounting to Rs. 4,62,900 for carrying out the protective works as suggested by the Senior Foreman Diver of the Bombay Port Trust, have been submitted to the Corporation for their approval.

Examination of the submerged parts of the Kasheli Bridge.

31. In view of the success of the last year's experiment, about 6,000 taps in about 600 buildings in Tardeo Area were fitted with orifices. It is proposed to extend the experiment to Dongri area and a proposal to this effect is being submitted.

Providing orifices on Bib taps on ground and first floors in the Tardeo Area.

32. A list of materials necessary for carrying out improvement of water supply of the chawls was sent to Government of Bombay P. W. D. The matter is still under consideration.

Improving faulty distribution sytem in private premises Survey of chawls.

33. With a view to mitigate the extreme shortage of water supply in the City, following points were considered and some progress was made as stated below.

Proposals for emergency augmentation of City's Water Supply.

(I) Increasing the existing supply,

(II) Regulating the distribution in a more equitable manner,

(III) Eliminating the wastage of water.

I.—Increasing the existing supply :—

(*i*) The Corporation has sanctioned the work of providing openings at 360 T. H. D. fixing penstocks and laying two 57" steel mains to connect the existing 72" mains.

Providing new outlets in the Tansa Dam at a Lower level.

(*ii*) The work of impounding one foot additional water (1275 million gallons) sanctioned by the Corporation had to be abondoned due to difficulty in obtaining timber.

Provision of flash boards in the waste weir of the Tansa Dam.

(*iii*) At the instance of the Corporation tenders were invited and the two tenders received were under consideration at the end of the year.

Provision of automatic shutters over the waste weir of Tansa Dam.

(*iv*) 178 holes were drilled and grouted during the year. Total cement consumed was 133 tons for a total length of 10,300 feet grouted.

Cement Grouting.

(*v*) The execution of this work was postponed pending consideration of the augmentation scheme. Since the Bhivpuri Scheme is approved the Corpration has asked to prepare revised estimates and to submit proposals to finance the same.

Reconditioning the Duct Line.

(*vi*) To reinstate the carrying capacity of the Duct line which was reduced to half by removing 7,300 R.ft. of 48" C.I. pipes in 1929-30 to replace corroded portions of 57" mains passing through Race Course, an estimate has been submitted.

Reinstating the missing portions of Powai and Ghatkopar Syphons.

II.—Regulating the distribution in a more equitable manner :—

(*i*) The Corporation has sanctioned special staff for preparation of detailed plans and estimates, the appointment of which is held up pending selection of staff for Bhivpuri Scheme.

Service Reservoir for the north of the Island.

(*ii*) The Corporation has already sanctioned laying water mains at a total cost of Rs. 40 lacs and a proposal costing about Rs. 50 lacs is under consideration.

Providing additional mains to imrpvoe distribution system.

(*iii*) The Corporation has sanctioned a proposal of providing Venturi Meters on Trunk, outlet, inlet and distributory mains inside the City. Due to this, uniform and equitable distribution of water will be possible.

Providing Venturi Meters.

III.—Eliminating wastage of water :—

(*i*) 551 leaky taps were rewashered during the year as per the Corporation's decision of carrying out this work at the expense of the owner or occupier at a flat rate of annas 8 per tap.

Rewashering Leaky taps.

(*ii*) Publicity Officer was requested to do the needful in connection with the following proposals—

Proposals for anti-waste campaign.

(*a*) Propaganda through the Press and the Radio.

(*b*) Putting up posters near general washing places in different languages in all chawls illustrating wastage and prevention of waste.

(*c*) Exhibition of instructive films through Information Films of India.

(*d*) Publicity through schools and school children.

(*e*) Formation of Tenants' Committees for active co-operation.

34 With a view to improving the distribution system in the City, so that water may be more equitably distributed, the following works were carried out :—

Works for improving the Distribution System.

(1) 12" Cross connection at Ripon Road junction Moreland Road.
(2) 6" Cross connection at junction of Ripon Road and Tarpakhadi Road
(3) 9" Cross connection at Lamington Road junction Bellasis Road
(4) Extension of 18" main in K. E. M. Road upto Sewri Station.
(5) 12" main on western slope of Malabar Hill.
(6) Measures for preventing bursts on 48" Old and New Tansa Mains.

35. The total number of superior staff during the year was 192 and that of the inferior staff, such as, Chaviwallas, stores attendants and peons was 91. The labour staff, both permanent and temporary, including labourers, artisans etc., employed during the year was about 1350.

Staff.

IX.—FIRE BRIGADE

The number of Municipal Fire Stations continued to be 9 and that of the Auxiliary Fire Service 18. The stations of the Auxiliary Fire Service, Bombay Port Trust were closed down on 31st March 1946 and their entire service was disbanded from 1st April 1946. The stations of the Auxiliary Fire Service (Government) were ordered to be reduced from 5 to 4 from 1st April 1946. One Chevrolet chassis was purchased for an Emergency Tender and two Fire Engines and four Fire Escapes were ordered from the United Kingdom during the year.

Fire Stations and appliances.

The calls attended to by the Brigade during the year totalled 1230 as against 895 in the previous year. The estimated total loss by fire was Rs. 38,33,627 showing a decrease of Rs. 13,53,055 over the previous year and Rs. 42,342 above the average of the last three years. Of the estimated loss, Rs. 24,18,059 was covered by insurance while the value of the total properties involved was approximately Rs. 18,70,30,058. The total distance covered by the Fire Appliances in attending fire calls was 16,013 miles.

Number of fires and estimated loss.

Total number of Fire Alarm Posts including private alarms was 223 as against 202 in the previous year and over 59 per cent. of the tatal calls were received through this system.

Number of fire alarms.

The personnel of 279 officers and other ranks with 29 trailer fire pumps and 19 towing vehicles and ancillary equipment maintained at the cost of Government was continued during the year It was however ordered to be reduced from 1st April 1946 to 132 officers and other ranks, with 15 trailer fire pumps and 10 towing vehicles, while the personnel and appliances maintained at the cost of the Bombay Porst Trust were withdrawn from 1st April 1946 as the entire service was disbanded.

Auxiliary Fire Services.

Trailer fire pump competitions were held during the year for both Municipal as well as Auxiliary For Service and the winning crews were awarded silver cups and cash prizes.

General

The number of ambulances in the charge of the Fire Brigade continued to be six and they attended 1,586 calls for accidents, 1,704 for maternity cases and 3,786 for private purposes on hire against 1,475, 1,636 and 4,227 respectively during the previous year. 7,314 persons were conveyed and a distance of 47,828 miles covered as against 8,243 persons and 55,096 miles during the previous year. The total receipts on account of hire amounted to Rs. 18,800 as against Rs. 21,871 in the previous year. First Aid was rendered by the Ambulance staff on 511 occasions as against 426 in the last year.

Ambulances.

X.—PUBLIC GARDENS.

18 Gardens, 4 fountains, 2 Bandstands, 7 Traffic Islands, 3 Open Spaces, 48 Recreation grounds, 1 Statue and ornamental Hedges at 3 places were maintained during the year. Out of these 86 gardens, recreation grounds, etc., the Gilder Tank Recreation Ground was transferred to the Secretary, Schools Committee, reducing the number of gardens, etc., in charge of this department to 85.

The number of visitors to the Victoria Gardens during the year was 27,47,845 showing an increase of 1,12,895 over the last year's figure.

A Vegetable, Fruit and Flower Show was held again in the Victoria Gardens which proved a great success. The Victoria Gardens secured 2 cups, 4 first prizes and 8 second prizes.

The lawn adjoining the central Avenue and the Victoria Gardens Office was further extended and new roads were laid out. About 10,000 square feet of area was prepared for the use of visitors.

Music performances including band and Indian music were given at several places as usual.

Progress of the zoo section was steady 159 birds 70 mammals and 2 raptiles were born, 53 birds, 43, mammals and 4 raptiles were received as presents, 2 birds were purchased 2 were got in exchange. 121 birds 113 mammals and 1 rapitile died. 126 birds, 33 mammals and 2 rptiles were sold and 3 birds given away in exchange. The old wooden platforms for the public to mount the elephant and camel were replaced by R. C. Structures.

Of the animals received as presents, a female Zebra, a tiger cub, 2 Arabian Baboons and an Indian Gazelle are particularly noteworthy.

Facilities for botanical study to local students and others were continued to be given as before.

The play activities at Mustan Tank, the Willingdon Memorial playground and 2nd Peerkhan Street continued to be popular. The play activities at the Gilder Tank were transferred to the recreation ground at Rebsch Street from 1-9-1945.

The expenditure of the Gardens Department during the year under report was 2,12,670-13-0 while the income was Rs. 16,915-13-0.

XI.—VICTORIA AND ALBERT MUSEUM

Attendance at the Museum.

The Museum was kept open for 233 days during the year as against 307 days in the previous year. The total number of visitors was 11,63403 and the daily average attendance 4,993 as against 16,36334 and 5,330 respectively in the previous year. The decrease in the daily average was due to the Museum being closed for 3 months from 1st November 1945 to 31st January 1946 for urgent repairs.

A brochure describing the arrangement and display of Exhibits with a short note on the rise and growthe of the Museum was prepared and printed.

Ladies and children visited the Museum on Wednesdays in larger numbers.

XII.—MUNICIPAL LIBRARIES.

A temporary post of a clerk was created for accessioning, classifying, and cataloguing old and new books. 668 books in Hindi, Marathi Gujarati, Urdu and English were purchased during the year and five foreign magazines and important Indian periodicals were subscribed to. Advantage of the Municipal Libraries was taken by 3,70,101 persons.

XIII.—GENERAL STORES.

Tenders were invited during the year for the purchase of stores in 88 cases against 77 in the preceding year.

The total purchases effected during the year including articles received on Return Stores Memos from other Municipal Departments amounted to Rs. 19.88 lakhs, against Rs. 18.21 lakhs in the preceding year. The increase is due to a higher demand for supply of materials. The balance of stock in hand on 31st March 1946 was Rs. 10.37 lakhs against Rs. 9.99 lakhs in the preceding year. This increase is mainly due to the receipt of C.I. Pipes at the end of the year.

The total number of orders placed with the contractors and other dealers was 3,763 against 3,337 in the preceding year. The number of indents inclusive of Sales-memos received from the departments was 20,865 against 20,188 in the preceding year. Most of the articles purchased during the year were of Indian manufacture and the value thereof amounted to Rs. 18.30 lakhs. The value of foreign goods purchased amounted to Rs. 1.58 lakhs.

During the year no dust-bins were sold to house-owners on account of the difficulty of obtaining galvanized iron sheets which are under Government control.

The turn-over of the department, *viz.*, receipts and issues of stores came to Rs. 39,38 lakhs against Rs. 36.60 lakhs in the preceding year.

The stock of stores was verified but no case of any appreciable difference in stock was noticed.

During the year, the abnormal conditions created by the war reacted very sharply on the department. The annual tenders for the year 1946-47 invited in the months of November and December 1945 carried rates considerably higher than the market rates. A number of tenders had therefore to be rejected on the ground of high cost. Apart from the scarcity of materials, the various control orders aggravated the difficulties of the department and increased its work enormously. The department, however, successfully encountered these diffjculties and played its role of a major supplying agency to Municipal departments.

XIV.—LICENCES, SHOPS AND ESTABLISHMENTS.

Licences

The number of permits and licences *viz.*, 25,751 issued during the year under report exceeded by 488 the number (25,263) issued during the previous year. These permits realised fees of Rs. 2.63 lacs against Rs. 2.54 lacs in the previous year, showing an increase of Rs. 0.09 lac against an increase of Rs. 0.05 realised in the previous year over that of 1943-44. Fees in respect of 125 licences outstanding at the end of the year amounted to Rs. 1,092. The corresponding figures for the previous year were 96 and Rs. 796 respectively.

This year there was a further decrease in the revenue incidental to disuse or demolition of old licensed places. The decrease amounted to only Rs. .09 lac against Rs. 0.18 lac and 0.24 lac in the previous two years.

There was a decrease in the number of permits for advertisements but an increase in the realizations therefrom, the total number and amount being 2,116 and Rs. 1.41 lacs, while the corresponding figures for the last two years were 2,571 and 2,470 and Rs. 1.35 lacs and Rs. 1.15 lacs respectively.

The total number of hawker and squatter licences issued during the year was 43,272 showing a decrease of 2,245 and increase of 1,609 over the number for the years 1944-45 and 1943-44 respectively. However, the fees realised from these licences amounted to Rs. 1.66 lacs against Rs. 1.61 lacs and Rs. 1.54 lacs in the previous two years which shows a steady increase.

During the year, the Licence Department instituted 2,198 prosecutions against offenders under Sections 328, 323-A, 394 and 412-A of the Municipal Act, against 2,654 prosecutions launched in the previous year. The total amount of fines inflicted amounted to Rs. 11,069 against Rs. 9,011 of the previous year.

The total revenue of the department was Rs. 6.07 lacs against Rs. 5,81 lacs in the previous year.

The Special Annual Cattle Census was carried out by the department at a total cost of Rs. 1,947 which was met by Government.

Shops and Establishments Act.

During the year, 340 fresh complaints were received in connection with the Shops and Establishments Act and the Rules made thereunder, in addition to 9 that had remained uninvestigated at the close of the preceding year. In all 329 complaints were investigated and action taken thereon wherever necessary. The total number of mass raids carried out during the year was 172. The number of visits and re-visits paid to different kinds of establishments was 58,546.

Prosecutions under Shops and Establishment Act.

Of the prosecutions launched in the previous year, 295 were not disposed of and up to the close of the year under report, 3,688 new prosecutions were launched. Out of 3,983 cases, during the year under report, 3,495 were disposed of, 3,447 resulting in conviction, 36 being withdrawn and 12 ending in acquittals. The total amount of fines inflicted was Rs. 65,493-8-0 and the grant-in-aid received from the Government was Rs. 49,993 for the year 1944-45.

XV.—MARKETS

Markets Receipts. The revenue from markets and slaughter houses was Rs. 20.63 lakhs against Rs. 20.12 lakhs in the preceding year, showing an increase of Rs. .51 lakh which was due to the increase in stallage charges, fair fees, etc.

Municipal Markets. The number of Municipal markets in the year remained the same, *viz.*, 17 and the net receipts from them amounted to Rs. 6.17 lakhs against Rs. 5.22 lakhs in the preceding year showing an increase of Rs. .95 lakh. The average percentage of vacant stalls per quarter was 8.56 as against 10.38, 14.86 and 21.92, respectively in the preceding three years. Receipts from squatter fees, scale fees and encroachment fees amounted to Rs. 4.23 lakhs as against Rs. 3.43 lakhs in the preceding year.

Private Markets Slaughter House and out side shops. The number of private markets during the year was 22 and that of private slaughter houses 2 as in the previous year. The licence fee realised in respect of 15 private markets and one slaughter house was Rs. 49,532-5-0 as against Rs. 2,11,704-2-4 (Rs. 1,87,817 being deposits of previous years in respect of the Byculla Private Vegetable Markets) in the previous year for 18 private markets and one private slaughter house. The licence fees in respect of six private markets and one private slaughter house are kept in deposit and the licence fee of one private market is in arrears. A sum of Rs. 525 was also received from certain firms dealing in imported meat and foreign fish. Licence fee amounting to Rs. 1,180 was received from butchers having stalls in private markets. The number of outside meat shops was 187 as in the previous year and the fees realised in respect of the shops were Rs. 9,074-8-0 against Rs. 9,541 in the previous year.

Unwholesome contraband meat The total quantity of unwholesome articles such as meat, fish, fruit, vegetables, etc., including contraband meat seized and destroyed was 6,95,561 lbs., the contraband meat seized and destroyed being 25,719½ lbs. against 11,671 lbs. in the previous year. In all 449 seizures were effected and prosecutions instituted with the result that 423 persons were convicted and fined.

The number of animals slaughtered at Municipal slaughter houses at Bandra was 11,72,316 against 13,40,598 in the preceding year. Of these 84,733 were cows and bullocks, 6,337 buffaloes, 10,81,246 sheep and goats against 79,669, 9,375, 12,51,554, respectively in the previous year. The number of pigs and piglings slaughtered at the Arthur Road Pig Slaughter House was 19,014 against 22,117 in the previous year.

Municipal Slaughter House. The amount of Fair ground fees received at the Bandra Slaughter Houses was Rs. 4,10,671-12-0 against Rs. 2,57,500 in the previous year. Fees recovered from the Kurla Municipality were Rs. 37,110 against Rs. 61,480 in the previous year. The slaughter and removal fees realised at the Bandra Slaughter House together with the slaughter fee at the De Lisle Road Sheep Market amounted to Rs. 4,93,560 against Rs. 5,50,756-5-0 in the previous year. Other miscellaneous receipts amounted to Rs. 1.75 lakhs against Rs. 3.48 lakhs in the previous year.

XVI.—K. E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE.

K. E. M. Hospital.

K. E. M. Hospital. The number of beds for men, women and children at the Hospital was 325, 145 and 40, respectively, making a total of 510 beds against the same number in the previous year. The —Hospital extension programme could not be proceeded with during the year under report owing to war. The total number of in-patients admitted during the year was 16,221 against 16,745 and 14,804, respectively, in the two previous years. Of the total 16,723 in-patients which number includes 502 patients of the previous years, 6,532 were cured, 5,415 were discharged and relieved, 2,684 either prematurely left the Hospital or were otherwise discharged and 1,547 died, leaving a balance of 545 at the end of the year. The maximum number of in-patients on any one single day was 601 and the daily average worked out to 556.3. The average number of days each patient was resident was 11.51 against 10.87 days in the previous year. The average cost per in-patient per day was Rs. 4-12-8 against Rs. 4-3-4, Rs. 3-15-10 and Rs. 3-4-8 in the previous three years. Similarly, the average cost per in-patient admission also showed a rise, being Rs. 58-2-10 against Rs. 50-14-11, Rs. 46-11-0 and Rs. 42-6-1 in the preceding three years.

The total number of 1,50,460 new out-patients treated during the year showed a rise of 4,010 over 1,46,450 of the previous year. The corresponding numbers of casualty patients were 27,755 and 27,155, respectively. The total number of out-patients attendance during the year was 5,07,773 as against 4,75,725, which gives a daily average of 1,634.53 against 1,542.7 in the previous year. The highest number of out-patient attendance on any one day was 2,198 against 2,280 in the previous year, while the corresponding figures for new out-patients on a single day were 601 and 653 respetively. On account of an increase in the number of out-patients, the average cost of out-patient attendance showed a fall being Rs. 0-7-7 for the year under report against Re. 0-7-11½ in the previous year. The average cost per out-patient case remained the same as in the previous year, *viz.*, Re. 1-9-6. An amount of Rs. 37,000 against Rs. 25,115-9-6 of the previous year was spent for affording relief to poor patients out of the Poor Box Charity Fund for expensive drugs, injections blood transfusion, etc. This amount is not taken into account while working out the above averages.

The total number of operations on in-patients and out-patients performed during the year was 6,683 and 11,921, respectively, against 5,606 and 11,899 in the preceeding year.

The total number of school children treated in the different departments of the Hospital showed a fall, being 6,538 for the year under report against 8,799 in the previous year. 35 Children were treated as in-patients for various disorders. The total cost of the Clinic was Rs. 10,028-5-0 against Rs. 10,103-3-0 in the previous year.

The Poor Box Charity Fund continued to give deserving patients much needed relief which could not ordinarily be given out of the Municipal Fund. The total amount thus spent out of this Fund came to Rs. 40,780, while contributions during the year by way of collections from out-patient boxes, ward boxes, donations, etc., amounted to Rs. 54,510.

During the year the number of blood samples collected for transfusion rose to 848 from 685 of the previous year.

Seth G. S. Medical College.

Seth G. S. M. College.

Of the 86 fresh admissions in the College in June 1945, 85 were single and 1 married. Of the 588 students on the roll at the close of the year 136 were lady students and 69 post-graduate and research students against 118 and 76, respectively, at the end of the previous year, when the total was 567. Out of 482 students sent up for various examinations, 238 passed the whole examination against the corresponding figures of 458 and 250 of the previous year.

A total expenditure of Rs. 2.86 lacs, including payment of dearness allowance of Rs. 0.25 lac against Rs. 2.30 lacs and Rs. 2.84 lacs in the previous two years, respectively, was incurred on the College and the Hostels attached to it, while the revenue derived by way of tuition fees, hostel rents, etc., was Rs. 1.42 lacs against Rs. 1.35 lacs and Rs. 1.31 lacs in the previous two years, respectively. The gross cost and the net cost per student worked out at Rs. 502.6 and Rs. 229.3, respectively, against Rs. 534.4 and Rs. 258.5 in the previous year. The amount of fees received from the post-graduates was Rs. 7,710 against Rs. 5,745 and Rs. 4,605, in the preceding two years.

The number of male and female students residing in their respective Hostels during the year remained the same as in the previous year, *viz.*, 146 and 28, respectively.

The income derived from and the expenditure incurred on the Hostels were Rs. 18,576 and Rs. 15,140, respectively, against Rs. 18,342 and Rs. 12,738 in the previous year.

XVII.—EDUCATION

(Schools Committee's Department)

Schools Committee's Meetings.

The Committee held in all 79 Meetings during the year. The number of Meetings of the various Sub-Committees held during the year was 34.

Municipal Schools and Pupils.

The total number of Schools and Classes on 31st March 1946 was 392 and 24 respectively as against 389 and 23 on 31st March 1945.

During the year under report, the number of pupils in Municipal Schools increased from 1,18,646 to 1,20,713. The increase in the number of pupils was mostly the result of vigorous propaganda work carried out twice during the year under report.

Teachers in Municipal Schools.

The number of teachers (permanent and non-permanent) on 31st March 1946 was 3675.

Aided Schools and Pupils.

The total number of Aided Schools was 211 and the number of pupils therein rose from 42,464 to 46,476. Besides the Aided-Schools, there are also other Schools, which are recognised but do not receive a grant-in-aid from the Schools Committee. The number of such Schools was 18 with 3394 pupils in them on 31st March 1946.

The total number of full-time and part-time teachers in the Aided Schools at the end of the year was 2039 as against 1904 of the previous year.

The total amount of grants paid during the year was Rs. 3,29,014 as against Rs. 2,81,975 in the previous year.

The total amount of expenditure incurred by the Aided Schools, as shown by them, amounted to Rs. 22,96,954. The average number of pupils on rolls in Aided Schools during the year was, 45,031 and on the basis of this number of the cost per pupil in these Schools works out to Rs. 49.9 as against Rs. 42.7 in the previous year. The cost per pupil to the Municipality by way of Grant was Rs. 7.5 as against Rs. 6.9 of the previous year.

The number of pupils studying in the Municipal Central Schools, *i.e.*, Schools wherein provision has been made for the teaching of Vocational subjects such as Carpentry, Tailoring, Sign-Board Painting etc., was 874 as against 818 in the previous year. The number of pupils from Central Schools who appeared for the Carpentry Examinations was 139 and 121 out of them were successful. In the Tailoring Examination 69 pupils were successful out of 81 pupils sent up. The annual Handicraft Exhibition was held towards the end of March 1946 and the sale proceeds of articles disposed of at the Exhibition amounted to Rs. 2,500.

Free and Compulsory Education.

All efforts to bring non-attending children of compulsory age to Municipal Schools were continued to be made this year also by vigourous Propoganda work just as in the previous year. This resulted in bringing about an increase of over 2,000 children in the Municipal Schools. The Propaganda work was also followed up by measures for stabilising the attendance of the new children brought to schools. The holding of Schools in two sessions in different parts of the day introduced during the previous year was continued. The Census of non-attending children of Compulsory age which had been held back for the past two years was taken this year in the month of March 1946.

Income and Expenditure.

The year under report opened with a balance of Rs. 20,000 as usual and the total amount at the disposal of the Schools Committee was Rs. 60,62,123-4-9. The total expenditure for the year excluding the expenditure on the Head Office which is met from the General Municipal Fund amounted to Rs. 60,42,123-4-9, leaving a closing balance of Rs. 20,000. The staff of the Schools Committee's Head Office consists mainly of the Secretarial, Accounts, Correspondence and Record Branches of the Department.

Government Grant towards Primary Education.

The total amount of grant paid by Government to the Municipality during the year for Primary Education amounted to Rs. 9,68,853.

Average cost per pupil.

The average cost per pupil in Municipal Schools calculated on the number of pupils on the rolls on the last day of the year was Rs. 47.11. The figure for the previous year was Rs. 42.2. Calculated on the average number of pupils on rolls, the figure works out to Rs. 48.04 as against Rs. 46.7 of the previous year. If the expenditure on the Head Office be also taken into account, the corresponding figures for the year under report calculated on the number of pupils on rolls on the last day

of the year and on the average number of pupils on rolls throughout the year come to Rs. 47.77 and Rs. 48.64 respectively. The increase in the cost per pupil during the year can be attributed, among other reasons, to the granting of grades to the teachers according to their qualifications together with the benefit of adjusted salaries and to the enhanced rate of Dearness Allowance paid to all employees of the Department during the year.

Boy Scouts. The number of Troops and Packs at the end of the year was 61 and 108 respectively and that of Scouts and Cubs was 1,838 and 3,205 respectively.

The Taikalwady Welfare Centre maintained by the Municipal Boy Scouts Association out of the Annual Grant of Rs. 900 sanctioned by the Standing Committee carried on its usual activities including Literacy Classes for adults, Games, Health Propaganda etc.

Girl Scouts. The total number of Girl Scouts and Bulbuls at the end of the year was 1,235 and 3,428 respectively, the number of companies and flocks being 48 and 111 respectively.

Teaching of Hindustani in Municipal Schools. The Scheme of teaching Hindustani in all Municipal Schools—except the Urdu and Hindi Schools in Std. III and the higher standards, introduced by the Schools Committee during the previous year, was further expanded during the year under report and more batches of teachers were got trained for the purpose.

School premises used for Milk Centres. The free use of School premises allowed during the previous year for locating the Milk Centres started under the Government Subsidised Milk Scheme was continued and a number of additional Centres were opened in the Municipal Schools during the year under report. The work in the Schools Committee's Office arising out of the Government Subsidised Milk Scheme having increased considerably, an establishment of two clerks has been sanctioned by the Municipal Commissioner.

Miscellaneous. The Stock of books in the Municipal Teachers' Library was replenished by the addition of a large number of new books in all languages, during the year. The work of the Audit Department, the Local Committees and the Co-operative Society was carried on as in the previous year.

XVIII.—PUBLIC HEALTH.

With the end of war in 1945 it was thought that the influx of people in the City in search of employment from outside would subside to some extent but the expectation was falsified in as much as the City's population which was 14,87,833 according to the census of 1941, rose to 23,00,000 in the year 1944 and to 25,00,000 by the end of the year 1945. Naturally overcrowding and congestion continued to exist in the city as before, as there were no building activities during the year.

The year 1945 can be said to have passed off normally, though there were times when the City passed through moments of anxiety as the suburbs and the neighbouring districts of Kolaba, Thana, Nasik and Poona were being ravaged by epidemics of dangerous diseases like Cholera, Plague and Small-pox and a number of cases from the affected areas were being imported into the City. The City was virtually in the throes of epidemics but was saved presumably by the great stress laid on personal prevention by inoculation and vaccination and the combing of concealed cases of infectious diseases for isolation and treatment.

Despite intense overcrowding and congestion in the City and the high prices of protective foods, such as ghee, milk, fruits, etc., the Infant and Maternal mortality which were 190.4 and 2.4 respectively, were the lowest recorded, the former since 1873 and the latter since 1931.

Births. The number of births registered during the year was 12,955 more than the number of deaths. This excess of births over deaths was equivalent to 8.7 per 1,000 of population calculated on the census population of 1941. The number of births registered during the year was 53,170, being 3,737 less than that in the year 1944 and 4,010 more than the average of the previous 10 years (1935-44). The birth-rate was 35.7 per 1,000 census population as against 38.2 for the year 1944. If this rate is calculated on the actual population, it will come to 23.1 which though slightly lower than the rate for the year 1944 (*viz.*, 24.7) compares favourably with that of any previous year. The slight decrease may be due to the people being obliged to stay in Bombay without their families for want of accommodation. Sex-proportion in births was 100 males to 95 females. The birth-rate 62.5 was highest amongst Buddhists, the next highest 59.6 being among Hindus (Scheduled classes), while 2.3 was the lowest among other and unknown castes.

Deaths. The following statement shows the position as regards deaths and death-rates as well as deaths from Infectious and other diseases during the years 1944 and 1945 :—

	10 years average 1935-44	5 years average 1940-44	1944	1945
Total deaths ...	31,793	32,284	41,882	40,215
Death-rate (on 1941 Census figures) ...	24.6	22. 7	28. 1	20.7
Death-rate on actual population in 1945 ...	...	...	18. 2	17.5
Plague ...	...	...	...	8
Cholera ...	5	...	...	30
Small-pox ...	953	926	1,391	235
Influenza ...	55	41	37	32
Respiratory diseases ...	10,929	10,490	13,990	13,763
Tuberculosis ...	1,924	1,834	2,006	1,981
Ratio of deaths among males to that among females ...	21 to 31	21 to 29	24 to 34	23 to 33
Percentage of deaths among infants and children under 5 years of age ...	...	...	45.3%	43.6%

As Plague and Cholera were prevalent in the neighbouring areas of Bombay, cases from the affected areas were imported into the City. Out of 30 deaths from Cholera, 29 were amongst the imported cases and 1 only among the local ones. There were 8 deaths from Plague, all of them being amongst the imported case.

The general death-rate as calculated on the actual population (at the end of the year 1945) was 17.5 which compares very favourably with any of the normal years. This rate is even less than the rate of 1944 which was 18.2 and hence is the lowest recorded.

The highest and lowest death-rates according to castes during 1944 and 1945 are as given below :—

	1944	1945
Buddhists ...	96.4	62.5
Hindus (Scheduled Classes) ...	55.9	59.6
Anglo-Indians ...	13.6	10.7
Other unknown castes ...	15.2	2.3

Infant Mortality.

Mortality amongst infants (under 1 year of age) during the year 1945 was 10,125 against 11,552 and the rate per 1,000 live births 190.4 against 203 in 1944. Though the difficult food situation and high prices of articles of food like milk, ghee, butter, which form the important and principal part of children's and mother's diet, have in no way improved, the infantile mortality rate is the lowest recorded since 1873. It may be observed from the Table given below that Respiratory diseases, Infantile Debility, etc., figure foremost in the list of diseases causing infant deaths.

If the number of deaths of infants born outside Bombay is excluded from the total number of deaths among infants, the rate of infant mortality per 1,000 live births registered would be still lower, *viz.*, 142 instead of 190.

The position as regards deaths of infants due to different diseases as compared with that in the previous year was as follows :—

	1944	1945
Infant mortality (under 1 year) ...	11,552	10,125
Infant death-rate per 1,000 live births ...	203.0	190.4
Total deaths among infants due to Respiratory Diseases, Infantile Debility and premature birth ...	8,995	8,102
Percentage to total deaths ...	77.9	80.0
Diarrhoea and Enteritis ...	567	509
Malaria, Ague and Remittent Fevers ...	80	96
Convulsions ...	564	522
Small-pox ...	165	34
Measles ...	292	49

Measures for the prevention of Infant Mortality :—

The usual maternity and child-welfare work comprising ante-natal, natal, post-natal, infant and pre-school care, both domiciliary and at the clinics connected with the five maternity homes, was carried on by the Medical Officers in charge of the Homes with the help of the Health Visitors attached to them. The Health Visitors visit expectant mothers, mothers and children attending the clinics at their homes to see that they follow the advice given to them, go in search of expectent mothers and advise and persuade them to attend the clinics and to avail themselves of the municipal and other maternity homes and hospitals in the City for confinement and other treatment required by them. They also conduct maternity cases at the homes of those who do not avail themselves of these facilities. Medical supervision and health education are the main objectives kept in view with regard to care of mothers during their pregnancy and that of their children after they are born. Extension of these facilities, looking to the needs of the poor class people residing in the different parts of the City among whom infant mortality is always higher, has always been kept in view. At Dharavi, the most outlying and distant part of the City and mostly populated by poorer classes of people for which there was no maternity unit so far, one maternity unit was established which commenced its work from 25th July 1945.

The Health Visitors paid 50,712 visits and attended 173 confinements at home during the year. In 5,450 cases personal visits were paid by the Medical Officers in charge of the Maternity Homes. The total number of confinements in the 5 maternity homes with a total of 129 beds was 8,961 as against 9,795 in 1944. Out of the total number of births 79.0 per cent took place in maternity institutions as against 72.5 per cent in 1944.

Infectious Diseases.

The total number of cases of Infectious diseases reported during the year was 4,502 as against 7,603 in the year 1944. There were 86 cases of Cholera in Bombay of which 78 were imported and the remaining 8 occurred among the local people directly or indirectly connected with the imported cases. There were also 13 cases of Plague, all of which were imported into the City. There were 30 deaths from Cholera of which 29 were among imported cases and 8 deaths from Plague, all among imported cases. Small-pox, Enteric and Tuberculosis caused, 255, 616 and 1,561 deaths as against 1,391, 459 and 2,006 deaths respectively during the previous year.

During the year, 1,446 inoculations against Plague, 86,700 against Cholera, 27,879 against Typhoid and 53,971 primary vaccinations and 1,88,544 revaccinations against small-pox were carried out.

Typhoid.

Typhoid is endemic in the City. The total number of typhoid cases reported during the year was 1,329 as against 1,008 in 1944, with a mortality rate of 0.4 as against 0.3 in 1944.

Leprosy.

In the absence of a Municipal Institution for the isolation and treatment of cases of leprosy, the Acworth Leper Home has been doing this work for the last 54 years. The Home also conducts an out-patient clinic but there existed a deficiency in the link between the institution where patients are treated and the homes of the patients, where they come into contact with their own family members and neighbours. The importance of home-visits from the point of view of Leprosy control is very great. Not only in very few clinics in India is any organised propaganda carried on among the patients and their relatives, but in no clinic did there exist any system of home visits of cases that dropped off after a visit or two to the treatment centres, or of contacts of cases, who were not inclined to visit the clinic for early diagnosis and treatment. With the appointment of two Health Visitors, one by the Home and the other by the Municipality for the purpose from 1st January 1943, Bombay has broken new ground and the reuslts of the work done by these Health Visitors are encouraging.

Malaria.

Malaria was registered as the cause of 96 deaths against 160 in the previous year. The total number of cases of Malaria treated at the Municipal dispensaries was 782 as against 1,115 during 1944 and the total number of attendance of patients at public hospitals for the same period was 18,111 as against 19,297 respectively in the preceding year.

Venereal Diseases.

The total and daily average attendance at the Bellasis Road Clinic for the treatment of Venereal Diseases was 1,64,103 and 558.8 as against 1,53,079 and 593.2 respectively in the yeat 1944 The total attendance at the 7 prophylactic centres conducted at the Municipal Dispensaries was 13,885 during the year against 14,073 in 1944.

Free Medical Relief.

Free medical relief to out-patients was rendered at the 19 Municipal Dispensaries, the number of new cases and total number of attendances during the year being 2,09,792 and 7,37,237 as against 2,20,910 and 7,71,482 respectively during the preceding year. In addition to these, women and children were treated at 6 Municipal dispensaries between 11.30 A.M. and 1.30 P.M. (B.T.) by part-time Lady Doctors.

Bai Lingubai Dispensary at Kamathipura for the treatment of Eye diseases had attached to it the Bhoomiya Poshetty Ashnol Free Ophthalmic Hospital. New cases treated for eye and ear diseases at the dispensary during the year numbered 9,150 against 9,060 during the previous year. The number of in-patients treated at the Hospital during the year was 225 as against 180 in the preceding year. The total attendance of patients (including subsequent visits) at the dispensary and the hospital during the year was 71,829 (2,941 in-patients and 68,888 out-patients) against 59,621 during the previous year.

Conservancy.

The daily average area in square miles of the roads, footpaths and house-gullies cleaned regularly throughout the day was 263.04, 236.67 and 104.00 respectively. The total refuse collected and removed through the Municipal agency was 6,89,520 tons as against 5,62,559 tons during the last year. The total refuse removed through the Municipal as well as outside agencies amounted to 9,23,790 as against 8,14,559 tons during the previous year. Out of the total refuse received, 4,29,794 tons were removed by rail to Deonar, 4,23,634 tons were used for reclamation in the City 4,545 tons were burnt in the incinerators and the remaining 65,817 tons (stable refuse) were dumped in the manure pits.

During the year, salvage articles such as wooden boxes, broken glasses, old gunny bags, paper boxes, empty tins, scrap iron, etc., were collected from the refuse, and disposed of by auction from time to time. The amount realised by such sales amounted to Rs. 2,266 as against Rs. 2,878-10-0 in 1944.

The total amount of excrementitious matter removed during the year was 6,15,946 basket loads from privies and 10,008,000 gallons from cesspools. The number of privy blocks in the sewered area was 291 and in unsewered areas 445, the total number of privy seats remaining to be converted being 2,041.

The total number of rats caught and destroyed during the year was 8,28,945 as against 7,65,588 in 1944 this being the highest ever recorded in a year since 1916. None of the rats caught and destroyed was found infected by the Haffkine Institute.

The total number of cases of dog-bites treated at the Haffkine Institute was 3,332 as against 3,232 during the previous year. 6,873 dogs were caught and disposed of as against 7,634 in 1944. 12 deaths from rabies were recorded during the year. During the year 8,637 dogs were licensed as against 10,100 in 1944 by the Special staff employed under the Dog Licensing Act which was brought into force from April 1944. The decrease in the number of licenses may be due to the public who were maintaining the dogs out of sympathy, not renewing the licenses but allowing the dogs to be taken away or destroyed.

In the year under review, the sanitation of Dharavi was undertaken at municipal cost as a field demonstration in an insaintary area where the landlords were indifferent to keeping sanitation.

To prevent Rinderpest among the milch cattle in the City, the work of immunization was undertaken by the Municipality, the virus, serum and other equipments being supplied free by Government and the Municipality bearing the cost of personnel employed. This measure reduced Rinderpest considerably except in those cases in which stable owners refused inoculation. The total number of inoculations done during the year was 25,676.

In addition to the above activities, the Conservancy Branch carried out miscellaneous work, such as catching and impounding stray cattle, removal of dead animals, attendance to calls for ambulances for cases of infectious diseases and dead body vans and hearses, prevention of various types of nuisances, such as throwing of refuse, monkey nuisance, cats and pigeons nuisance. Veterinary services are also under this branch and all activities connected therewith were carried out and supervised.

The number of prosecutions instituted by the Health Department under the Municipal Act during the year was 5,333 while the number of cases outstanding at the beginning of the year was 894. Of the total number of 6,227 cases, 5,099 were disposed of, while 1,128 remained outstanding at the end of the year. Under the Bombay Prevention of Adulteration Act, 2,941 complaints were filed during the year, while 1,216 were outstanding at the commencement of the year. Out of the total number of 4,157 complaints, 3,229 were disposed of and 928 remained outstanding at the close of the year. The total amount of fines inflicted was Rs. 1,18,494-14-0 as against Rs. 1,00,049-5-0 during the previous year.

School Health work.

The total number of schools visited during the year was 182 out of which 107 were boys' and 75 were girls'. There are about 99,239 children in primary Schools, 55,783 boys and 43,556 girls. The total number of children examined was 20,018 of whom 10,563 were boys and 9,455 girls (including 1st and subsequent examinations). The number of schools visited and children examined was less this year because the staff had to visit schools in the afternoon almost daily for about 8 months to reweigh children under milk ration.

Amongst 20,018 children examined, 14,140 were found suffering from one or more defects; total number of defects detected was 28,665; the total percentages of different defects were 28.25 Dental, 25.39 General Debility due to malnutrition, 13.77 Skin diseases, 11.18 Throat, 6.67 enlarged lymphatic glands and a small percentage of defective vision, diseases of eye, nose, heart, lungs, ear and enlarged spleen.

The number of new children treated at the clinic during the year was 1,174 in addition to old cases, numbering 6,139 (totalling 7,313). A large number remained untreated as the Central Clinic at the K. E. M. being the only one, could not cope with the heavy demand. That is why this clinic needs to be expanded.

During the year, 450 schools were supplied with emergency outfits. 78 spectacles were supplied to the poor and deserving children free of charge. In the beginning of the year there were 3,385 children who took advantage of the scheme for the free distribution of milk to undernourished children and at the end of 1945, 4,378 children took advantage of the same.

On re-weighing the children, it was found that 44 per cent of the total children under milk ration at the end of the first 3 months and 65 per cent of the total at the end of 6 months derived benefit from the milk scheme.

Health Propoganda & Education.

As the Health Education constitutes the key note of modern public health campaign, this Department continued to impart it to the widest possible circles by putting into service all available means, *viz.*, (1) by arranging health education meetings, (2) organising health exhibitions, (3) press publicity by contributing articles and pictures to periodicals, (4) by showing Films and lantern Slides on matters of health and (5) by distributing number of posters and leaflets on health subjects in various languages. Especially Health Education Films were exhibited widely and repeatedly (accompanied by microphone talks) in open public parks and quadrangles of labour Colonies in the City. Intensive Health Education campaign was carried out through a Talkie portable projector screening Health and Cultural Films in Welfare Centres, Labour areas, Harijan Colonies, Orphanages, Rescue Homes and Educational Institutions. Though this Branch now possesses a "Film Mobile" with a standard sound projection equipment, it has no films of its own and had therefore to look to other institutions like the Infirmation Films of India, The Director of Information, Government Labour Welfare Officer etc., for help. The Information Films of India with our assistance shot the Films on (1) Community Health, (2) Water for millions, (3) Child welfare.

Equipments such as 4 albums, 24 Film strips on Health Education and cultural topics, some health Films in 16 M.M. (silent) and 6 musical records, 2 steel racks and 2 cupboards for keeping Films, etc., were purchased during the year.

A public address system equipped with a radiogram and 2 Loud-speakers were thankfully received as a present from the Consulate General, United States of America.

Due to increased work an additional temporary staff consisting of 1 clerk, 1 carpenter and 1 bigari was appointed.

Welfare Work.

Social welfare work among the labour classes was as usual carried on by the Welfare Organiser assisted by 2 full-time assistants, 1 Health Visitor, 25 men and 22 Women part-time social workers at 11 Centres in the City (including 1 Centre for the staff of the Conservancy Department at Chembur).

The welfare work consisted of recreational, educational, health and other activities. The recreational activities included interalia visits to places like the Elephanta Island, Ambarnath and other places. Several distinguished visitors visited these centres among whom were, the Revenue Minister of Hyderabad State (Deccan) and Officials of the Department of Labour, Government of India.

Special Nutritional work.

In war time the City of Bombay served as a place of shelter and food to people seeking employment who began to stream into the City from the suburban and adjoining districts with the result that the City's population which was 14,89,000 in 1941, rose to about 23,00,000 in the year 1943. There was however no corresponding increase in the Cattle population of the City and its suburbs which generally served the milk needs of the City's human population. The problem of a good milk supply to the City became extremely acute. The price of milk which was As. 5 to As. 6 per seer in 1941 rose to As. 12 to Re. 1 per seer in 1943. The quality too deteriorated. Good nutritious milk went beyond the means of poor men. Government had to intervene.

Government introduced a subsidised milk scheme for children below 2 years under which a child below 2 years could get 8 ozs. of milk once a day at 1/2 its purchase price and the Corporation undertook to run it. The scheme was launched in the City on 17th August 1944. As the scheme proved a success Government extended it from 1st February 1945 to cover children from 2 to 6 years and subsequently to 10 years and also expectant and nursing mothers.

By the end of 1944, the total number of Centres and Card-holders was 200 and 36,705 respectively. On 1st February 1945, there were 460 centres and the card-holders were 61,854 (including 2,822 expectant and nursing mothers).

By the end of December the position of the Scheme was as follows :—

Children under age group	0/2	... 1,07,752
	2/6	... 1,04,679
	6/10	... 70,030
Expectant and Nursing mothers		... 25,045

Total number of Centres opened for distribution of milk :—

(*a*) Morning Centres	... 267	516
(*b*) Evening Centres	... 249	

No. of Contractors supplying milk—208.

Total quantity of milk distributed—2,072 Maunds.

To ensure a genuine and fresh supply of milk, surprise samples were taken and the results of analysis during the year were as follows :—

Total number of samples taken.	Genuine samples.	Non-genuine samples.	Percentage.
40,830	36,284	4,546	11.13

Government contemplated import of milk from Anand and have been supplying by the end of December 1945, 37 maunds of milk daily for distribution at the various milk centres.

Food Sanitation.

During the year 2,229 hawkers importing milk by train were inspected. 491 were found to have no licence, 499 found carrying milk in open cans, 5 detected dealing in skimmed milk containing Boracic Acid.

Total number of prosecutions for sale of milk by unlicensed persons and for breaches of the license regulations was 92 as against 79 in 1944.

The total number of samples examined during the year was 20,654 of which 16,645 were examined chemically and 4,009 bacteriologically. Out of the samples examined chemically, 10,865 were of milk, 1,190 of ghee and 1,325 of butter and the rest were of vegetable products and other articles. 7,617 samples of milk, 232 of ghee, 314 of butter were found non-genuine and the percentages of adulteration respectively were 25.0, 19.5, 23.4.

XIX.—MUNICIPAL PRINTING PRESS.

During the year under report, the difficulty of obtaining paper was obviated by Government increasing the allotment of Paper to the Press. In addition to the normal work, the printing of Mr. Modak's Note on Greater Bombay, Reports of the Housing Pannel, and Report of the Special Officer (Grades) was carried out at the Press. The printing work of the Special Officer (Milk) and that of the Schools Committee has considerably increased. This resulted in increasing the consumption of paper from 40½ Tons to 43¾ Tons.

Though the volume of work had increased this year, expansion of the Press could not be considered as the machinery was not available, and the work was somehow managed by working the Press in shifts.

The working and Profit and Loss Account showed a surplus of Rs. 2,138 on a total turnover of Rs. 2,15,000. The labour staff on 23th February 1946 consisted of 136 workers as against 120 workers on 28th February 1945.

The Literacy Class for the workers and the Library continued to function well during the year.

XX.—LEGAL ASSISTANT.

During the year under report numerous opinions in various departmental matters and advices on 122 documents were given.

53 High Court Suits, 12 High Court Revision Applications, 3 High Court Criminal Appeals, 35 Small Causes Court Suits, 2 Small Causes Court References, 66 Police Court Cases, 1 Application before the Commissioner, Workmen's Compensation, and 40 Assessment Appeals were attended to.

38 Conveyances, 6 Agreements, 3 Declarations and Indemnities, 17 Temporary Agreements, 98 Leases, 21 Surrender of Leases, 67 Licenses to Assign and other documents were completed.

XXI.—MUNICIPAL SERVANT'S ACT.

No circumstances arose in any department of the Municipality in which it was necessary to invoke the provisions of the Municipal Servant's Act.

B. K. PATEL,
Municipal Commissioner.

FINANCIAL.

No. A.E. 6414-S.R. of 17th August 1946.

Report from the Chief Accountant on the accounts of the Municipality and the Improvement Schemes for the year 1945-46.

The following statement summarises the transactions for the year pertaining to Revenue, and the actuals for the preceding year :—

	1945-46.			
	Budget.	Revised.	Actuals.	Actuals for 1944-45.
	Rs.	Rs.	Rs.	Rs.
Opening Balance	57,01,000	69,07,764	69,07,764	64,00,773
Income	4,47,08,942	4,68,14,810	4,87,37,452	4,29,77,616
Expenditure	4,96,73,302	5,16,17,383	4,93,13,002	4,12,95,287
	49,64,360 (Deficit).	48,56,573 (Deficit).	5,75,550 (Deficit).	16,82,329 (Surplus).
Balance	7,36,640	20,51,191	63,32,214	80,83,102
Recoupment of Advances, etc. ...	—2,000	—1,39,191	—3,11,856	—11,75,338
Closing Balance ...	7,34,640	19,12,000	60,20,358	69,07,764

2. The details of the recoupment of Advances, etc., are :—

	Rs.	Rs.
Increase in :—		
Renewed Grants (including contribution towards Improvements Schemes)	3,93,071	
Advances for Plant and Machinery	54,293	
		4,47,364
Deduct—		
Decrease in: —		
Miscellaneous Advances outstanding	1,23,286	
Reserve Stores (including Capital Stores) Balances	12,222	
		1,35,508
		3,11,856

3. The net unhypothecated Surplus Cash Balance on 31st March 1946 was as under :—

Liabilities.	Rs.	Assets.	Rs.
Reserve Stock including Capital Stores ...	12,67,303	Surplus Revenue Fund as per Appendix No. 2	95,57,847
Advance for Plant and Machinery ...	20,90,326		
Miscellaneous Advances	1,79,860		
Minimum required by law	1,00,000		
Surplus Cash Balance	59,20,358		
Total ...	95,57,847	Total ...	95,57,847

4. The opening and closing Reserve Stores (including Capital Stores) Balances for the year 1945-46 are compared below :—

	Opening Balance. Rs.	Closing Balance. Rs.	Decrease. Rs.
Serviceable Stores	12,79,525	12,67,303	12,222

5. The Loan liabilities at the beginning and at the end of the year were as under :—

Outstanding debt on 1st April 1945. Rs.	Loan raised during the year. Rs.	Repayment during the year. Rs.	Outstanding debt on 31st March 1946. Rs.
13,79,18,349	23,49,423	1,07,64,645	12,95,03,127

The details of the Loans raised are as below :—

(1)	Rs. 17,00,000	Being balance of the loan of Rs. 22 lakhs for 1944-45 at 3½ per cet. interest with a currency of 30 years, sanctioned under Corporation Resolution No. 1000, dated the 29th January 1945.
(2)	,, 5,00,000	Being portion of the loan of Rs. 25 lakhs for 1945-46 at 3½ per cent. interest with a currency of 30 years, sanctioned under Corporation Resolution No. 951, dated the 4th February 1946.
(3)	,, 55,216	Being advance from the Net Premia Fund for purchase of Plant and Machinery repayable by annual equated instalments based on the average life of the machinery at 3 per cent. interest per annum.
(4)	,, 94,207	Being advance from the Net Premia Fund for the Renewal of Road Surfaces for which no provision exists in the Renewal Fund repayable in 15 years based on the life of the surface as sanctioned under Corporation Resolution No. 21, dated the 13th April 1939.
Total Rs. ...	23,49,423	

The amount of Rs. 22 lakhs under (1) and (2) above was raised by reserving the amount for investment of the Muuicipal Sinking and Special Funds.

The payments during the year were as under :—

(1) Rs.	42,04,162	Repaid to Government on the basis of equated payments from revenue in respect of advances taken from them.
(2) ,,	58,64,000	Repaid to Debenture Holders of Sinking Fund Investment.
(3) ,,	6,96,483	Rapaid Rs. 1,67,214 to different Special Funds out of Revenue on the basis of equated payments, Rs. 24,005 to Net Premia Fund out of the compensation received from Government for Municipal Fire appliances lost in the explosion in the Docks on 14-4-1944 and Rs. 5,05,264 being the amount repaid to Land Sales Reserve Fund from loan balances in respect of advances from the Funds for Capital Works.
Total Rs.	1,07,64,645	

The state of the Sinking Fund is shown below :—

Amount of Fund on 1st April 1945.	Interest, etc. realisations.	Sinking Fund Instalments.	Total.	Withdrawn for payment of Loans.	Amount of the Fund on 31st March 1946.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3,65,28,927	14,18,768	19,04,225	3,98,51.920	58,64,000	3,39,87,920

The value of securities held in the Sinking Fund Account on the basis of market rates pervailing on 31st March 1946 including accrued interest and cash exceeded the actuarial amount of the Sinking Fund by Rs. 28,62,727 which is held in the Sinking Fund Account. The proposal for utilising the surplus accummulations in the Sinking Fund for general Municipal purposes has been finally approved by the Corporation under their Resolution No. 958, dated the 31st January 1944, and a draft Bill for amending the Municipal Act for the purpose has been submitted to Government.

INCOME.

6. A detailed comparison between the Budget Estimates and the Actuals will be found in Appendix No. 3. The estimated income for the year was Rs. 4,47,08,942 against which the actuals amounted to Rs. 4,87,37,452 resulting in an increase of Rs. 40,28,510.

The following are the main heads contributing to the increases and decreases :—

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks.
	Rs.	Rs.	
1 General Tax, Indirect Taxation— A.—General Tax ...	10,07,587	...	The increases were due to increase in General Tax from (1) Public Rs. 9,52,638 due to revision of the rateable values of the properties including those of the Royal Western India Turf Club, (4) Improvement Schemes Properties Rs. 42,579 on account of new structures erected by Central Government for defence purposes and (5) Mills Rs. 12,368.
B.—Town Duties ...	3,95,634	...	Partly due to the change in the mode of levy of duty on timber and partly on account of Government having paid duties on goods which though virtually belonged to them were not so certified at the time of import.
D.—Grant-in-Aid in respect of fines for offences against the law.	58,258	...	Due to more receipts from Government than anticipated.
E.—Interest and Profit on Investments of Surplus, Loan and other balances.	1,90,962	...	Due to large amounts held in securities and better rate of interest having been realised.
G.—Miscellaneous ...	2,85,939	...	Mainly under (1) Contribution from Municipal servants towards Pension etc., Fund Rs. 10,781, (2) Miscellaneous Receipts Rs. 78,866 and (4) Rent of Buildings and Lands Rs. 1,87,203 consequent upon the acquisition of properties and new lettings.
2 Water Works, etc. ...	3,24,350	...	The increases were made up of Rs. 1,70,391 under Tax from Public corresponding to the increase in General Tax, Rs. 17,999 under Rent of Water Meters Rs. 1,07,201 under Compounded Tax, Rs. 7,884 under Rent of Buildings etc., and Rs. 54,899 under Miscellaneous Receipts due to sale of Machinery at Powai and on account of recovery of supervision charges for works executed on behalf of Naval Authorities.
3 Education, Primary ...	22,668	...	Due to Grant-in-Aid received from Government for aiding Primary Standards of English teaching schoosls in the City.
5 Pubic Health Department ...	1,20,595	...	Increase mainly under Miscellaneous Receipts of Rs. 1,12,128 due to increase in receipts from Supervision charges and leave contributions in respect of the Municipal staff deputed for the administration of the Government Subsidized Milk Scheme.
6 Medical Relief and Education	38,688	...	This comprised of increases under various heads, the notable being under Miscellaneous-Rent of Buildings and Lands Rs. 5,053, Receipts from K. E. M. Hospital, Rs. 7,198 and Grant-in-aid from Government in respect of Excise Duty etc., for spirituous drugs Rs. 17,330.
7 Street Cleansing and Conservancy— A.—Halalkhore Tax ...	4,12,777	...	Increase is made up of Rs. 2,80,169 under Tax on Value following the increase in General Tax and of Rs. 1,32,608 under Special service due to recovery of arrears from the Military Authorities.

Budget Head.	Amount of Increase.	Amount of Decrease.	Remarks
8 Roads, Drains and Sewers— A.—Wheel Tax etc.	2,75,449		Due to the more effective check having been applied for the recovery of tax from the owners of Hand carts, Bullock Carts and Motor Vehicles which had hitherto escaped taxation.
B.—Ground Rent	5,011		Due to more receipts from private parties.
C.—Miscellaneous	1,59,600		Increase of Rs. 1,52,805 mainly under Miscellaneous Receipts due to departmental profit realised on the working of Crushers and Asphalt Plant.
9 Mechanical	1,09,027		Partly due to profit realised on the working of Mechanical Transport and partly due to sale of 4 Air-Compressor sets at L.G.P. Station.
10 Buildings, etc.		8,706	Decrease of Rs. 17,210 under Ground Rent and Miscellaneous Fees were set off by increases of Rs. 8,504 *viz.*, under Rent of Buildings Rs. 1,518, and sale of rights Rs. 6,986.
11 Fire Brigade	52,087		Comprised of increase of Rs. 45,852 under Fire Tax which corresponds the increase in General Tax and of Rs. 6,235 under Miscellaneous Receipts.
12 Licensing and Removal of Encroachments	1,78,270		The items responsible for the increases are (1) Licenses for dangerous and offensive trades Rs. 45,546, (2) Removal of Encroachments on Public Streets Rs. 22,184,(3) Grant-in-Aid from Government for the Administration of Shops and Establishment Act of 1939 Rs. 69,252 which include arrears pertaining to previous year and (4) Miscellaneous (including advertisements) Rs. 41,288.
14 Markets and Slaughter Houses	4,12,053		Due to more receipts amounting to Rs. 4,95,620 received than that anticipated under :— (1) Stall Rent Rs. 42,366; (2) Squatter fees Rs. 85,686; (3) Fair ground and Feeding Fees Rs. 1,95,672; (5) Miscellaneous Receipts Rs. 1,19,040; (6) Rent of Buildings Rs. 9,845; (7) Cold Storage rents Rs. 43,011 counterbalanced by decrease of Rs. 83,567 under Slaughter Fees due to decrease in the number of animals slaughtered.
15 Contribution from Capital Funds to Revenue on account of Loan Works staff.		33,410	Due to decreased expenditure on Loan Works.
16 Extra-ordinary receipts, Interest on Net Premia Fund and excess interest on Sinking Fund.		5,044	Due to lower rates of interest in respect of investments in Fixed deposits.
17 Rebate from Government on account of Collection of U. I. P. Tax in the City.	16,044		Due to larger reeceipts from Government.

7. The position as regards our income from General Tax, Water Tax and Halalkhore Tax will be seen from the sub-joined statement :—

	1945-46.	1944-45.	Increase.
	Rs. at 12½%	Rs. at 11½%	Rs.
(1) General Tax (including Fire Tax)			
Total collections booked	1,91,30,274	1,66,68,552	
Deduct— Recoveries for previous years	11,46,574	7,29,708	
	1,79,83,700	1,59,38,844	
Add— Outstanding for the year at the close of the year	15,78,710	12,96,063	
Total	1,95,62,410	1,72,34,907	
(2) Water Tax at 3¾ per cent. and water charges by measurement and at compounded rate :—			
Total collections booked	1,23,58,214	1,08,96,949	
Deduct— Recoveries for previous years	9,99,889	7,21,515	
	1,13,58,325	1,01,75,434	
Add— Outstandings for the year at the close of the year	13,12,828	8,60,397	
Total	1,26,71,153	1,10,35,831	
(3) Halalkhore Tax at 3 per cent. and for special service :—			
Total collections booked	46,58,271	43,02,628	
Deduct— Recoveries for previous years	3,30,214	2,58,645	
	43,28,057	40,43,983	
Add— Outstandings for the year at the close of the year	4,21,343	3,51,577	
Total	47,49,400	43,95,560	
Net demand on account of Property Taxes inclusive of refunds	3,69,82,963	3,26,66,298	43,16,665

TOWN DUTIES.

8. The various articles on which duty was levied at the time of import under the provisions of Section 192(1) of the Municipal Act, the amount levied and refunds allowed thereon under Section 195 on their export are shown in Appendix No. 17.

The gross collections for the year were estimated at Rs. 21,10,000, the refunds and commission charges at Rs. 4,10,000 and the net revenue at Rs. 17,00,000. The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 25,87,185 and after deducting the amount of Rs. 4,91,551 on account of refunds, the net receipts amounted to Rs. 20,95,634 showing an increase of Rs. 1,55,580 as compared with the actuals of the previous year. The refunds during the previous year amounted to Rs. 4,72,595. The increases on account of refunds were due to more export of grain and sugar due to war.

SALE PROCEEDS OF LAND.

9. The balance to the credit of the Land Sales Reserve Fund at the beginning of the year was Rs. 19,95,850. The interest realized on this fund during the year amounted to Rs. 59,875. The total investments in the Fund thus amounted to Rs. 20,55,725. During the year the sale proceeds of surplus land amounted to Rs. 4,34,860 which fell short of the amount of Rs. 10 lakhs to be credited to revenue on this account by Rs. 5,65,140. This amount was therefore transferred from Land Sales Reserve Fund to Revenue by transfer of investments amounting to Rs. 59,876 and by recoupment of Rs. 5,05,264 out of the amount advanced for financing the Capital expenditure to make good the deficit in the amount of sale proceeds of land to be credited to Revenue as sanctioned under Corporation Resolution No. 705, dated the 19th December 1935. The balance in the Land Sales Reserve Fund on 31st March 1946 is thus Rs. 14,90,586 which has been advanced for meeting expenditure on Capital Works as shown in Appendix No. 6. The area of surplus Municipal land available for sale at the end of the year was about 45,223 square yards (excluding the areas for which there are no enquiries) of the approximate value of Rs. 5,41,310.

REVENUE EXPENDITURE.

10. The final sanctioned grants amounted in the aggregate to Rs. 5,37,21,492 as follows :—

	Rs.
Budget Grants	4,96,73,302
Unexpended Grants for previous years renewed for expenditure	19,15,489
Additional Grants	21,32,701
Final sanctioned grants ...	5,37,21,492

The transfers from one Budget head to another without affecting the total Budget provision for the year amounted to Rs. 6,36,579.

11. The total unexpended grants estimated to be renewed in 1946-47 aggregate to Rs. 20,44,936 against Rs. 18,13,000 in 1945-46 and the heads under which the renewals are required will be found in Appendix No. 4. The nature of expenditure to be booked on this account may be classified as under :—

	Rs.
(1) Repairs including Special Repairs	3,43,442
(2) Stores and Materials	83,746
(3) New Works	1,21,434
(4) Law Charges, General...	7,011
(5) Payment to Schools Committee	1,23,613
(6) Dearness Allowance	31,500
(7) Civil Defence Measures	63,286
(8) Miscellaneous other charges	9,26,487
(9) Interest on Municipal Loans	2,18,377
(10) Grants-in-Aid to Public Institutions	1,26,040
Total,...	20,44,936

12. The final sanctioned grants for the year aggregated to Rs. 5,37,21,492 against which the actuals amounted to Rs.4,93,13,002 leaving an unexpended balance of Rs. 44,08,490 at the close of the year. Of this Rs. 20,44,936 are being renewed for expenditure during 1946-47 the balance, *viz.*, Rs. 23,63,554 being treated as savings on final grants sanctioned as detailed in Appendix No. 4.

The main factors contributing to the decrease of Rs. 5,000 and over are as follows :—

Budget Head.	Amount.	Remarks.
	Rs.	
I.—General Supervision, Collection of Revenue—		
A.—General Superintendence—		
(*a*) Corporation and Standing Committee ...	12,045	Decrease mainly under :— Establishment Rs. 1,362, Printing and Stationery Rs. 6,446, Advertisement Rs. 2,000.
(*c*) Municipal Commissioner's personal and General Office.	12,799	The main items of decrease were printing and Stationer Rs.5,679, Repairs and Maintenance Rs. 2,274 and cost of Special Officer and his staff Rs. 2,585.
(*d*) Audit and Accounts	9,574	This is made up of decreases under various other heads, the notable decreases being under Establishment Rs. 6,601 and Printing and Stationery Rs. 1,429.
B.—Collection of Revenue—		
(*a*) Property and Wheel Tax Establishment.	6,169	This is made up of small decreases under various other heads including decrease of Rs. 1,470 under Establishment and of Rs. 3,131 under Contingencies.
(*b*) Town Duty Refund Branch ...	17,196	Decreases mainly under :— Establishment Rs. 11,424, Contingencies (sealing of tins, etc., Rs. 3,920).

Budget Head.	Amount.	Remarks.
	Rs.	
I.—General Supervision Collection of Revenue—(contd.)		
C.—Upkeep and Guarding of Municipal Head Office.	10,448	The main items contributing to the decreases are Repairs and Maintenance R.s 7,011 and Electric supply Rs.1,800.
E.—Miscellaneous Charges	36,024	Decreases mainly under:— Rs. Law Charges (General) ... ... 11,427 Repairs and Taxes ... ... 3,877 Contribution to Government on account of cost of two Courts of Hon. Magistrates for the trial of Municipal cases ... ... 14,465 Expenses in connection with the celebration of birth-day centenary of late Sir P. M. Mehta .. 1,460
F.—Election Expenses	9,971	Decrease mainly under:— Rs. Establishment ... ... 4,607 and Holding the electins including preparatory work 5,148
Debt Charges	7,592	Decrease mainly due to (1) Full amount of loan of Rs.25 lakhs for 1945-46 not being raised and (2) lesser amount of advances taken from Special Funds for purchase of Plant and Machinery.
II.—Water Works—		
A.—Establishment and Labour	12,193	Decrease under Permanent Establishment Rs. 3,783 and under Labour Rs. 8,410.
B.—Repairs and Maintenance	40,540	This is made up of small decreases under various heads including Rs. 16,255 under I.—Ordinary Materials of general works and repairs in Bombay and Rs. 4,286 under II.—Extra-ordinary Cleansing of consumers pipes and fittings in Dadar Matunga Estate.
C.—Meters	7,926	Of this, Rs.3,273 under (*b*) Spare parts representing unexpended balance of previous year will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the balance of Rs. 4,653 represents savings accrued in the grants renewed.
D.—Miscellaneous	42,570	Out of this, Rs. 28,663 represent unexpended balance out of grants for previous years to be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the remaining grant of Rs. 13,907 is made up of decreases under various heads including Rs. 6,958 under chlorinating the Bombay Water Supply.
Provident Fund and Pension, etc., Charges ...	8,105	Decrease on account of less contribution paid during the year than anticipated.
New Works	10,145	Of this, Rs. 3,102 represent unexpended balances pertaining to previous years to be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and out of the remaining amount of Rs. 7,043, the decrease of Rs. 4,252 is mainly on the work of providing level crossing at Kurla Mankhurd Railway.
Debt Charges	42,451	Decrease mainly due to (1) full amount of the loans of Rs. 25 lakhs for 1945-46 not being raised and (2) lesser amount of advance taken from Special Funds for purchase of Plant and Machinery.
III.—Education, Primary—		
Municipal Institutions	1,75,435	Decrease due mainly to less contribution required to be made to the Schools Committee.
IV.—Education, Secondary—		
B.—Opening New Reading Rooms and Libraries.	6,021	Decrease under various heads including Rs. 1,414 under Books, Magazines, Newspapers, etc., and Rs. 2,180 under Rent.
V.—Public Health Department—		
A.—General Supervision	32,101	The main items contributing to the decrease are Establishment Continencies and Miscellaneous—Purchase of milk and food samples.
B.—Epidemics	12,803	Decrease mainly under Medicines Rs. 2,150, Innoculations Rs. 6,619 and Stores and Contingencies Rs. 1,915.
D.—Malaria	8,573	The notable decreases were under Medicines Rs. 1,697, Disinfectant Rs. 1,541 and Repairs and Maintenance—Maintenance of Water seals Rs. 3,000.
E.—Miscellaneous— (*a*) Cemeteries.....	7,049	Decrease mainly under Establishment Rs. 1,625, Repairs Rs. 3,938 and purchase of land for Sewri Cemetery Rs. 1,167.
G.—Propaganda	5,225	This is made up of small decreases including Rs. 2,668 under Stores and additional equipment and Rs. 1,194 under shooting a film on 'Cleaner Bombay.'
H.—Supply of milk to the under-nourished needy children attending Municipal Schools.	1,12,985	Due to less number of children having taken advantage of the scheme.
New Works	7,335	Out of this, Rs. 6,139 represent unexpended balances of previous years which will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the balance represents small decreases under other works.
VI.—Medical Relief and Education—		
A.—Hospitals and Maternity Homes— (*a*) K. E. M. Hospital	1,14,280	Out of this, Rs. 7,856 represent unexpended balance of previous years which will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the balance of Rs. 1,06,424 is on account of decreases under other heads, the notable decreases being under Medicines and Instruments Rs. 29,493, Diets Rs. 11,795, Stores Rs. 14,763, Repairs and Maintenance Rs. 25,847.

Budget Head.	Amount.	Remarks.
	Rs.	
VI—Medical Relief and Education—(contd.)		
(*b*) Infectious Diseases Hospitals ...	48,569	This is made up of small decreases under various other heads, the notable items being as under:— Arthur Road Hospital. Rs. / Maratha Hospital. Rs. Clothing ... ... 3,543 Repairs and Maintenance ... 3,459 ... Epidemics ... ... 25,788 and out of the balance Rs. 3,555 which represent unexpended balance of previous year under Maratha Hospital, Special repairs will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance.
(*c*) Maternity Homes	7,664	Of this, Rs. 1,910 represent unexpended balance of previous year to be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the remaining amount of Rs. 5,754 is made up of small decreases under other heads including Rs. 2,466 under Medicines.
(*d*) Turner Sanatorium	6,775	Out of this, Rs. 2,002 represent unexpended balance of the previous year to be renewed during1946-47 by obtaining an additional grant from the Surplus Cash Balance and the remaining balance is made up of small decreases under other heads including Rs. 1,330 under Medicines and Rs. 1,396 under Clothing.
D.—G. S. M. College	21,009	Of this, Rs. 5,720 represent unexpended balance of previous year to be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the balance of Rs. 15,289 is on account of decreases under other heads, the notable decrease being under Establishment of Rs. 12,950.
New Works	38,912	Out of this, Rs. 29,391 represent unexpended balance of the previous year which will be renewed by obtaining an additional grant from Surplus Cash Balance and the balance of Rs. 9,521 is made up of small decreases on other works.
VII—Street Cleansing, etc.—		
A.—Street Cleansing and Conservancy— (*a*) Superintendence and Inspection ...	5,811	Decrease mainly under Establishment Rs. 4,745.
(*c*) Street Cleansing and Sanitation— (*a*) Scavengering	9,910	Deducting Rs. 2,394 on account of unexpended balance of previous year under Disinfectants which will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance, the net decrease comes to Rs. 7,516, the main item contributing the same being Rs. 6,318 under Clothing.
(*c*) Removal of Town Refuse to Tardeo, etc.— (1) Bullock Traction	44,478	Main items of decrease were Rs. 7,077 under Running Expenses and Rs. 35,288 under Repairs and Maintenance—Carts.
(3) Loading Siding	13,029	Decrease mainly under Maintenance and Repairs Rs. 11,906.
(*f*) Miscellaneous	7,022	Out of this, Rs. 3,231 represent unexpended balance of the previous year which will be renewed in 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the balance is made up of small decreases, the notable being under Water Supply Water Charges plus rent of meters Rs. 2,123.
B.—Transfer of Refuse, etc., to Deonar ...	7,026	Decrease mainly under Stores, etc., Rs. 1,737, Maintenance of Siding Rs. 1,028 and Transport Rs. 1,894.
D.—Halalkhore Service— (*c*) Miscellaneous...	15,996	Main items of decereases were under— Rs. A.—Latrines, Urinals, etc. ... ... 3,867 B.—Building and Structure 11,145
New Works	11,224	Out of this, Rs. 4,348 represent unexpended balances of the previous year which will be renewed in 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the remaining amount of Rs. 6,876 is made up of small savings on other works, the notable being on the work of construction of a temporary shed for the welfare work at Chembur of Rs. 2,721.
Debt Charges	7,631	Decrease being the full loan of Rs. 25 lakhs sanctioned for 1945-46 not being raised.
VIII.—Roads, Drains and Sewers,—		
A.—General ...	16,889	Mainly under Establishment Rs. 11,113 and under Printing and Stationery Rs. 4,131.
B.—Maintenance of Roads ...	1,87,300	Main items contributing to the decreases were Establishment Rs. 14,846, Repairs and Maintenance of Roads Rs. 26,700, Repairs to Capital Roads Rs. 1,12,129, Street Improvement Rs. 20,806.
C.—Public Lighting ...	2,03,445	Decrease mainly under:— Rs. Gas and Eliectric Lighting 1,68,920 Oil Lighting ... 33,650
D.—Cleansing of Drains, Sewers, etc. ...	30,287	Main items of decreases were:— Establishment Rs. 12,180, Labour Rs. 8,913, Repairs and Alterations (*a*) Sewers, Drains, Street Connections Rs. 6,467.

Budget Head.	Amount.	Remarks.
	Rs.	
VIII.—Roads, Drains & Sewers—Contd. E.—Rebate on account of Compounded Wheel Tax.	81,287	Due to less number of licenses issued for Public Conveyance.
New Works ...	24,505	Out of this, Rs. 14,683 represent unexpected balances of the previous year which will be renewed in 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the Balance is made up of small decreases on other works, notable being on the works (1) Planting new trees on important roads Rs. 2,300 and (2) Bathing and washing places for the staff of A.E. Drainage at Babula Tank Rs. 1,910 and (3) Construction of permanent manholes over S.W. drains Rs. 3,000.
Debt Charges ...	91,565	Due to (1) the full amount of loan of Rs. 25 lakhs for 1945-46 not being raised and (2) Lesser amount of advance taken from Special Funds for purchase of Plant and Machinery.
IX.—Mechanical— A.—Mechanical Engineer's Office Establishments	10,949	Decrease mainly under Repairs and Maintenance Rs. 9,962.
B.—Pumping Purification, etc.— (b) Pumping Stations in the City— (i) Pumping Station at Love Grove ...	32,448	The main items of decreases were Electric current Rs. 5,042 Repairs and Maintenance Rs. 22,248, Stores Rs. 1,471 and Rent Rs. 2,842.
(ii) Pumping Station at Matunga ...	6,243	Out of this, Rs. 2,500 represent unexpended balance of previous year which will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the Remaining amount of Rs. 3,743 is made up of small decreases in other heads including Rs. 1,812 under Electric current.
(c) Purification Works ...	33,837	The main items of decreases being Electric current Rs. 4,536 Repairs and Maintenance Rs. 18,216, Stores and Chemical Rs. 4,815 and Contingencies Rs. 2,257.
(d) Compressor Stations in the City—		
(i) Compressor Stations at Colaba ...	5,981	Decreases mainly under Repairs and Maintenance of Rs. 4,991
(ii) Compressor Stations at Victoria Gardens, Fergusson Road, and Warden Road ...	9,474	The main items contributing to the decrease being Rs. 3,246 under Electric Current and Rs. 4,149 under Repairs and Maintenance.
(e) Flood gates ...	10,197	Decrease mainly under Repairs and renewals Rs. 9,757.
D.—Transport— (7) Removal of Town Refuse to Tardeo for Transport to Deonar ...	43,241	Decrease mainly under Establishment Rs. 5,779, Running Expenses Rs. 26,189, Repairs and Maintenance Rs. 4,347 and Depreciation Rs. 4,858.
(8) Upkeep of Motor-Silt Waggons ...	9,758	Decrease mainly under Running expenses Rs. 4,612, Repairs and Replacements Rs. 2,446 and Depreciation Rs. 1,333.
(9) Halkhore Service ...	6,025	The main items of decrease were Running Expenses Rs. 1,925 and Repairs and Maintenance Rs. 3,866.
(11) Markets and Slaughter Houses—		
(1) Disposal of offal ...	9,935	Decrease mainly under Running Expenses Rs. 5,256 and Repairs and Maintenance Rs. 3,147.
(2) Meat Carriage ...	14,655	Maini tems of decrease were Establishment Rs. 2,732, Running Expenses Rs. 9,931 and Depreciation Rs. 1,633.
Debt Charges ...	14,044	Decrease mainly due to (1) full amount of loan of Rs. 25 lakhs for 1945-46 not being raised and (2) lesser amount of advance taken from Special Funds for purchase of Plant and Machinery.
X.—Buildings, Land Acquisition and Management— A, C.E.'s Central Office Establishment ...	6,806	This is made up of small decreases under other heads including Rs. 4,370 under Establishment.
B.—Inspection and Supervision of Private Bldgs.	17,085	Decrease mainly under Establishment Rs. 13,835 and Printing and Stationery Rs. 1,650.
C.—Architectural ...	10,467	This represents decrease in the proportionate share of Cost of Management and Establishment of Improvement Schemes.
D.—Land Acquisition and Management ...	13,214	Out of this, Rs. 1,884 represent unexpended balance of the previous year which will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the balance of Rs. 11,330 is made up of decreases in other heads, the notable decrease being under Repairs and Maintenance of Rs. 9,079.
XI.—Fire Brigade, Maintenance ...	37,424	Decrease mainly under Establishment Rs. 8,646. Repairs and Maintenance Rs. 5,816, Rent Rs 4,633, Stores Rs. 2,472 Clothing. Rs. 4,451, Stock General appliance Rs. 2,311; Depreciation Rs. 2,610; Travelling expenses to the dependents of the staff killed in explosion, etc., Rs. 2,400 and out of the balance Rs. 2,690 represent unexpended balance of the previous year which will be renewed in 1946-47 by obtaining an additional grant from Surplus Cash Balance.

Budget Head.	Amount.	Remarks.
	Rs.	
XI.—Fire Brigade—Contd.		
Provident Fund and Pension etc., Charges ...	16,752	Decrease due to less amounts of Pensions paid than anticipated to the dependents of Fire Brigade employees who were killed etc.; during the explosions that occured on 14th April 1944.
Debt Charges	6,068	Mainly due to full amount of loan of Rs. 25 lakhs for 1945-46 not being raised.
XIII.—Gardens and Open Spaces—		
A.—Gardens—		
(a) Victoria Gardens	6,075	This is made up of small decreases under other heads including Rs. 2,412 under Zoological Collections—Feed of Animals.
(b) Miscellaneous Gardens, Open Spaces, Band Stands, etc.	12,223	Out of this, Rs. 9,550 under Repairs represent unexpended balance of the previous year which will be renewed during 1946-47 by obtaining an additional grant from Surplus Cash Balance and the balance is made up of small decreases in other heads.
New Works	14,510	Represents savings on works completed.
XIV.—Markets and Slaughter Houses—		
A.—Markets and Slaughter Houses—		
(b) Municipal Markets	16,177	Outof this Rs. 5,806 represent unspent balance of the previous year which will be renewed in 1946-47 by obtaining an additional grant from Surplus Cash Balance and the remaining balance of Rs. 10,371 is made up of decrease under other head, the notable being Rs. 4,875 under Repairs and Maintenance.
(c) Slaughter House	16,059	Deducting from this figure Rs. 2,425 on account of unspent balance of previous year which will be renewed in 1946-47 by obtaining an additional grant from Surplus Cash Balance, the net decrease comes to Rs. 13,634, the main items contributing to the same being Establishment Rs. 1,274, Feed of cattle brought for slaughter Rs. 5,820, Repairs and Maintenance Rs. 3,989 and Rates and Taxes Rs. 1,302.
New Works	18,430	Out of this, Rs. 12,083 represent unexpended balance of the previous year which will be renewed during 1946-47 by obtaining an additional grant from the Surplus Cash Balance and the balance of Rs. 6,347 represents savings on works completed.
XVI.—Provident Fund, Pensions, Gratuities, etc.—		
A.—Provident Fund	1,06,815	Decrease in contributions paid during the year than estimated.
B.—Pensions	12,095	Less expenditure on Gratuities and Compassionate Allowance etc.
XVII.—Urban Immovable Property Tax	9,577	Due to exemption of certain Municipal properties from the payment of the tax.
XVIII.—Dearness Allowance	14,723	Represents savings accrued in unexpended balances of the previous year renewed in 1945-46.
XIX.—Grant-in-Aid to Public Institutions ...	18,760	This is made up of decreases mainly under (1) Nowrosjee Wadia Maternity Hospital Rs. 3,775, (2) Bai Jerbai Wadia Children's Hospital Rs. 3,523, and (3) The Children's Aid Society (Children's Home at Chembur) Rs. 10,000.
XX.—Measures for Civil Defence	1,01,080	Savings accrued on account of improvement in war situation.

LOAN FUNDS.

13. The amount of new loan proposed in the Budget for 1945-46 was Rs. 40 lahks. On the basis of the revised loan works programme of the year the amount of this loan was reduced to Rs. 25 lakhs and the provision for the same was made in the Loan Works Revised Estimates for the year. As the loan works expenditure fell short of the budgetted expenditure, the amount actually raised to finance the Capital Expenditure including purchase of Plant and Machinery and renewal of surfaces of roads for which no Renewal Fund exists and of roads taken over from ex-Trust, was Rs. 23,49,423 as detailed in paragraph 5 above.

LOAN WORKS EXPENDITURE.

14. The opening balance on 1st April 1945 on account of Loan Funds but excluding the Trust Funds was Rs. 7,61,371. Adding to this Rs. 23,49,423 raised during the year the total funds available for expenditure were Rs. 31,10,794. The total expenditure incurred during the year amounted to Rs. 22,38,499 made up of Rs. 17,33,235 on account of expenditure on works and Discount and other charges on the loans and Rs. 5,05,264 being the amount repaid to the Land Sales Reserve Fund against the outstanding balance of Rs. 16,45,850 out of the advance of Rs. 18,75,000 taken from that fund for financing the Capital Expenditure in previous years, leaving as an unspent balance of Rs. 8,72,295 at the close of the year.

15. The following statement contrasts the expenditure on Capital Works with the Budget and Revised Estimates during the last five years :—

Year.	Loan and Trust Fund.			Percentage by which actuals fell short of Budget Estimates.	Percentage by which actuals fell short of Revised Estimates.
	Budget Estimates.	Revised Estimates.	Actuals.		
	Rs.	Rs.	Rs.		
1941-42 ...	41,16,573	52,40,984	27,33,508	34	48
1942-43 ...	35,80,759	39,65,726	19,52,350	45	51
1943-44 ...	23,67,960	38,52,732	19,13,154	19	50
1944-45 ...	27,32,802	43,90,800	15,41,507	44	65
1945-46 ...	43,29,707	50,31,581	17,05,213	61	66

The above figures do not include the amount on account of subvention, discount and other charges on the New Loan and Repayment of Advance taken from the Land Sales Reserve Fund.

The Revised Estimates adopted by the Corporation were for Rs. 58,50,281 including Rs. 4,700 on account of subvention, Rs. 64,000 on account of charges for raising the new loan, Rs. 7,50,000 for Repayment of Advance taken from the Land Sales Reserve Fund and Rs. 11,724 on account of estimated expenditure under the Trust Fund. The amount of Rs. 17,05,213 shown as the actual expenditure is arrived at as follows:—

	Rs.	Rs.
Expenditure as shown in the summary of Appendix No. 8 including expenditure under Trust Fund and credit on account of assets written off		16,41,870
Deduct— Expenditure for raising the new loan ...	33,015	33,015
		16,08,855
Add— Assets written off		96,358
		17,05,213

16. The following table gives the classification of all the Loan Works under distinctive groups for the purpose of appraising the distinctive character and value to the City in relation to the outlay the allocation of outstanding debt as on 31st March 1946 and the debt charges involved during 1945-46:—

Particulars of City Services.	Amount of loan outstanding on 31st March 1946.	Debt Charges for 1945-46.				
		Debt Interest.	Interest accrued but not paid.	Sinking Fund and Repayments.	Bank's Commission and Miscellaneous Loan Charges.	Total Debt Charges.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
General Services	7,31,85,385	32,46,458	1,759	34,40,299	11,353	66,99,869
Self-supporting Services— Water Works	5,39,26,422	27,91,384	4,074	26,76,374	7,322	54,79,154
Fire Brigade	7,27,834	27,606	...	40,823	26	68,455
Markets and Slaughter Houses.	16,63,486	75,392	....	1,18,106	134	1,93,632
Total ...	5,63,17,742	28,94,382	4,074	28,35,303	7,482	57,41,241
Grand Total ...	12,95,03,127	61,40,840	5,833	*62,75,602	18,835	1,24,41,110

SINKING FUNDS.

17. From Appendix No. 10 it will be seen that the book value of investments of the Sinking Funds as on 31st March 1946 amounted to Rs. 3,39,87,920 made up of Rs. 3,39,87,597 being the book value of securities and Rs. 323 in cash with the Imperial Bank of India. Valuing the Municipal and Improvement Trust Debentures at par, the market value of Sinking Fund Investments held on 31st March 1946 comes to Rs. 3,65,47,755 as shown in Appendix No. 16-A. This, together with the amount of interest accrued upto 31st March 1946, *viz.*, Rs. 3,10,881 and cash with the Imperial Bank of India, Rs. 323 brings the total amount of Sinking Fund to Rs. 3,68,58,959 and more than covers the amount *viz.*, Rs. 3,39,96,232 to which the Sinking Fund should have accumulated upto 31st March 1946. The excess in the Sinking Fund Investments account is thus Rs. 28,62,727.

INVESTMENTS AND INVESTED BALANCES.

18. The details of investments made during the year are as follows:—

Particulars.	Amount.	Average No. of days.
	Rs.	
(1) Current Account Deposits ...	85,45,000	146.50
(2) Fixed Deposits ...	4,17,50,000	145.24
Total	5,02,95,000*	146.32

The interest earned during the year amounted to Rs. 4,15,962 and the details are as follows:—

	Rs.
(1) On Current Account Deposits ...	9,928
(2) On Fixed Deposits ...	2,32,748
(3) On Investments in Public Securities, etc. ...	1,73,286
Total ...	4,15,962

The average rate of interest on Current Account Deposits was .29 per cent as against .25 per cent in the preceding year. The average rate of interest on Fixed Deposits was 1.08 per cent as against 1.14 per cent in the preceding year. The rate realised on fixed deposits ranged from 1/2 per cent to 2½ per cent. The maximum rate realised on fixed deposits in the preceding year was 1½ per cent.

The average rate of interest on all deposits was .97 per cent as against 1.02 per cent in the preceding year.

* Exclusive of the amount repaid out of compensation received from Government for Municipal Plant and Machinery lost in the explosion in April 1944.

RESERVE STOCK.

19. The opening balance and the receipts of General Stores during the year as per books maintained in this office were Rs. 9,41,034 and Rs. 13,64,055 respectively, and the issue amounted to Rs. 14,11,555. The closing balance of General Stores was, therefore, Rs. 8,93,534, *i.e.*, less by Rs. 47,500 than the opening balance.

20. The balances of General Serviceable Stores in charge of the Controller of Stores are compared below for the last five years :—

		Rs.
Balance at the close of	1941-42	3,75,899
" "	1942-43	5,66,256
" "	1943-44	7,41,828
" "	1944-45	9,41,034
" "	1945-46	8,93,534

CAPITAL STORES

The opening balance of Rs. 2,51,825 together with the receipts of Capital Stores during the year aggregated to Rs. 8,68,892 and the issues to Rs. 5,73,048, thus resulting in an increase of Rs. 44,019 in the closing balance of Capital Stores, *viz.*, Rs. 2,95,844 compared with the opening balance.

DEPARTMENTAL STOCK VERIFICATION.

21. Detailed verification of the reserve stock at the Central Stores and the two Sub-Depots at Foras Road and the B. B. Pipe Depot for the year 1945-46 was commenced in March 1946 and was still in progress.

Verification of all consumable stores including stationery, animals, furniture, etc., was continued during the year. The programme of verification was altered at times and surprise checks were instituted in the various offices situated in different parts of the City. The registers both of the Municipality and the Improvement Trust Schemes were found posted regularly and minor discrepancies were rectified. Special Registers for keeping detailed accounts of Plant and Machinery recently introduced are being verified once in a year and except in the case of a few departments they have been compiled and verified.

STREET IMPROVEMENTS.

22. The provision made in the Revised Loan Works Budget for meeting claims on account of acquisition of set-backs was Rs. 1,63,000 (excluding Rs. 50,000 ear-marked for adding set-back lands to the roads), the expenditure being Rs. 1,60,868. This leaves a balance of Rs. 2,132.

After deducting all ascertained time-barred claims, the undischarged commitments upto 31st March 1946 in regard to set-backs already acquired and sanctioned to be acquired amount to Rs. 9,36,361 against which we have a provision of Rs. 3,50,000 (excluding Rs. 50,000 ear-marked for adding set-backs lands to the roads) in the Budget for 1946-47. In addition to this, further liabilities may be expected on account of further acquisition of set-backs that will be sanctioned during 1946-47.

LEVELLING, METALLING, ETC., PRIVATE STREETS.

23. The expenditure on the improvement of private streets is financed in the first instance from the Plant and Machinery Depreciation Fund pending recovery from the house owners.

The following statement shows the figures of advance sanctioned, expenditure incurred and recoveries made during the last five years :—

Year.	Grant (Advance from Plant and Machinery Depreciation Fund).	Expenditure.				Recoveries inclusive of Interest and Supervision Charges.
		Actual Expenditure on Works.	Supervision Charges.	Interest, etc., on Advance.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1941-42 ...	1,06,000	31,171	...	5,683	36,854	53,485
1942-43 ...	1,04,000	11,863	1,225	4,975	18,063	42,934
1943-44 ...	76,670	1,354	2,492	3,585	7,431	33,257
1944-45 ...	86,237	73	...	2,961	3,034	8,418
1945-46 ...	78,034	11	...	2,683	2,694	16,235
				Total ...	68,076	1,54,329

The amount outstanding on 1st April 1941 was Rs. 1,29,441. Adding Rs. 68,076 on account of expenditure incurred during the years 1941-42 to 1945-46 and deducting Rs. 1,54,329 recovered during the same period the amount outstanding at the close of the year 1945-46 comes to Rs. 43,188 as shown in Appendix No. 6.

MEASURES FOR CIVIL DEFENCE.

24. Owing to improvement in the war situation during the year most of the A. R. P. schemes were curtailed with a view to bringing down the expenditure to the minimum.

The final grants sanctioned during the year aggregated to Rs. 5,21,667 against which the actuals amounted to Rs. 2,12,859 (*Vide* Appendix 4 A). The decrease in expenditure was due to the curtailment of A. R. P. activities.

The final sanctioned grants of Rs. 5,21,667 above referred to are made up of Government allotment of Rs. 2,13,894 and Municipal allotment of Rs. 3,07,773.

Against the allotment of Rs. 2,13,894 on Government account the expenditure booked during the year (excluding Provident Fund, etc. contribution and supervision charges) amounted to Rs. 69,452 which together with the opening outstanding balance of Rs. 1,06,845 came to Rs. 1,76,297. Out of the total account of Rs. 1,76,297 recoveries effected during the year aggregated to Rs. 1,47,473 leaving a balance of Rs. 28,824 as outstanding at the close of the year which is covered by the deposit of Rs. ½ lakh (original deposit of Rs. 2 lakhs reduced to Rs. ½ lakh) held by the Municipality on Government account to meet the Government share of expenditure on A. R. P. Measures pending subsequent recoupement.

As regards the allotment of Rs. 3,07,773 on Municipal account chargeable to the head XX—Measures for Civil Defence the expenditure booked was Rs. 1,43,407 leaving an unexpended balance of Rs. 1,64,366 at the close of the year. Of this, Rs. 63,286 are being renewed for expenditure during 1946-47, the balance *viz.* Rs. 1,01,080 being treated as savings on final sanctioned grants as detailed in Appendix No. 4-A.

IMPROVEMENT SCHEMES.

General Account.

Income.

25. The total income for the year amounted to Rs. 1,00,96,141 against Rs. 1,02,00,491 for the preceding year showing a decrease of Rs. 1,04,350 made up of decreases in (1) Receipts on account of Tobacco Duty of Rs. 2.47 lakhs (2) Interest and Profit on Investiments of Rs. .06 lakh counterbalanced by increases in (1) Land Revenue realisations of Rs. .21 lakh; (2) Contribution from the Municipal Corporation of Rs. 1.09 lakhs and (3) Miscellaneous Receipts of Rs. .19 lakh. A detailed comparison between the Budget Estimates and the Actuals will be found in appendix No. 23.

EXPENDITURE.

26. The total expenditure, for the year aggregated to Rs. 1,02,04,588 as against Rs. 99,52,654 for the preceding year showing an increase of Rs. 2,51,934. This is made up of an increase of Rs, 3.02 lakhs under maintenance of Properties and Streets counterbalanced by a decrease of Rs. 0.50 lakh under debt charges. The expenditure of Rs. 102.05 lakhs comprises expenditure of Rs. 24.41 lakhs under Maintenance of Properties and Streets inclusive of the Cost of Management and Establishment and of Rs. 77.64 lakhs under Debt Charges. Appendix No. 24 gives a comparison between the Final Sanctioned Grants and the actuals for the year.

27. The net deficit for the year amounted to Rs. 1,08,447 as shown in Appendix No. 22.

LOANS.

28. The loan liabilities at the beginning of the year stood at Rs. 15,83,65,640. No loan was raised during the year.

The repayment of loans during the year aggregated to Rs. 5,97,734 out of which Rs. 5,42,734 were repaid to Government on the basis of equated payments out of Revenue in respect of advance taken from them and Rs. 55,000 were repaid from Capital Fund Balances to the debenture holders out of the 5½ per cent.; loan of Rs. 25 lakhs. The outstanding loan liabilities at the close of the year thus stood at Rs. 15,77,67,906. Out of this, the amount outstanding on account of Government loans shown in Appendix No. 29 as Rs. 8,43,18,906 requiries some explanation as the whole amount is not really due to Government. Out of the debentures held by Government, debentures are repurchased every year for the purpose of Sinking Fund investments and the debentures thus held on 31st March 1946 amount to Rs. 2,81,00,000. The liability to Government on this account is therefore only Rs. 5,62,18,906.

CAPITAL ACCOUNT

29. The opening balance on 1st April 1945 was Rs. 1,30,60,310. During the year under report, receipts on account of sale of proceeds of lands and buildings amounted to Rs. 28,88,403. The total funds available were thus Rs. 1,59,48,713. Against this, the expenditure incurred on works amounted to Rs. 3,71,967. The deficit in the General Account for the year amounted to Rs. 1,08,447 and was met from the balance in the Capital Account. The amount paid towards the repayment of Rs. 25 lakhs loan due on 1st November 1944 was Rs. 55,000. The unspent balance at the close of the year stood at Rs. 1,54,13,299.

EXPENDITURE ON SCHEMES

Appendix No. 26.

30. The actual expenditure incurred during the year on Schemes amouted to Rs. 3,71,967 as agains the Revised Estimates of Rs. 16,54,904 (including Rs. 1,01,450 on account of Cost of Management and Estblishment). The total expenditure on Schemes upto 31st March 1946 amounted to Rs. 19,04,13,053 of which Rs. 14,65,586 represent discount and other charges on loans.

SINKING FUNDS

31. The state of the Sinking Fund is shown below :—

Amount of Fund on 1st April 1945.	Interest etc., realisations.	Sinking Fund Instalments.	Deduct withdrawn for repayment.	Amount of the Fund on 31st March 1946.
Rs. 3,48,65,804	Rs. 15,64,539	Rs. 5,70,495	Rs. ..	Rs. 3,70,00,838

From Appendix No. 28 it will be seen that in the book of Accounts the Sinking Fund as on 31st March 1946 amounts to Rs.3,70,00,838 of which Rs. 3,70,00,573 represent the book value of the securities and Rs. 265 in cash with the Imperial Bank of India. Valuing the Bombay Improvement Trust and Municipal Debentures at par, the market value of the Sinking Fund Investments held on 31st March 1946 comes to Rs. 3,73,70,823 as shown in Appendix No. 30. This, together with the amount of interest accrued upto 31st March 1946, *viz.*, Rs. 1,29,641 and cash with the Imperial Bank of India, *viz.*, Rs. 265 brings the total amount of Sinking Fund to Rs. 3,75,00,729 against Rs. 3,18,56,661 the amount to which the Sinking Fund should have accumulated upto 31st March 1946. The excess in the Sinking Fund Investment account is thus Rs. 56,44,068.

The total amount of loans raised for Improvement Scheme and outstanding on 1st March 1946 comes to Rs. 1,578 lakhs. Out of this Rs. 367 lakhs are borrowed from Government the repayemnt of which is arranged on the basis of half-yearly equated payments. The balance of Rs. 1,211 lakhs represents loans raised by issue of debentures. Out of this, Rs. 476 lakhs are borrwed from Government and Rs. 735 lakhs from the Public.

LIABILITIES AND ASSETS

APPENDIX No. 25.

32. The gross capital liabilities of the Improvement Schemes stood at Rs. 16,25,26,396 at the close of the year under report and the assets at Rs. 24,75,85,679 including book value of lands comprised in Scheduls 'W' and 'X' resulting in a surplus of Rs. 8,50,59,283 the details whereof are shown in Appendix No. 25.

GENEREAL REMARKS

(000 omitted).

33. In the Budget Estimates for the year the income was estimated at Rs. 4,47,09 and the expenditure at Rs. 4,96,73, the budget deficit being Rs. 49,64. The actual income realized for the year was Rs. 4,87,37 and the expenditure aggregated to Rs. 4,93,13 showing a deficit of Rs. 5,76. The expenditure, however, includes an amount of Rs. 55,00 credited to the Post-War Reconstruction Fund, If this amount is excluded therefrom, the expenditure incurred for the various services is Rs. 4,38,13 which means that the year's working showed a surplus of Rs. 49,24 against the anticipated surplus of Rs. 5,36. The year under report, therefore, proved more satisfactory than was anticipated. On scrutinizing the details it will be seen that the total gross increases in Revenue amounted to Rs. 40,75 while the decreases in income amounted to Rs. 47, the net increase being Rs. 40,28. There were increases in income under General Tax Rs. 10,08, Town Duties Rs. 3,96 Grant-in-aid of the fees for land, conveyances etc., Rs. 5, Grant-in-aid in respect of fines for offences against the law Rs. 59, Interest and Profit on Investments of surplus, loan and other balances Rs. 1,91 and Miscellaneous Rs. 2,86. Under Water Works there was an increase of Rs. 1,70 in the tax on Rateable value, Rs. 1,07, in the revenue from the Compounded tax, Rs. 26 under Rent of Meters, buildings and land and of Rs. 55 under Miscellaneous receipts counter balanced by decrease of Rs. 34 in the revenue by Meter Measurement. The total increase in Revenue under this head was Rs. 3,24. The other increases were under Education Rs. 23, Public Health Rs. 1,21, Medical Relief and Education Rs. 39, Street Cleansing and Conservancy Rs. 4,09, Roads, Drains and Sewers Rs. 4,40, Mechanical Rs. 1,09, Fire-Brigade Rs. 52, Licensing Rs. 1,79, Gardens and Open Spaces Rs. 6, Markets and Slaughter Houses Rs. 4,12 and Rebate from Government on account of Collection of U. I. P. Tax in the City Rs. 16. The decreases in Revenue were made up of Buildings, Land Acquisition and Management Rs. 9; Contribution f om Capital Funds to Revenue on account of Loan Works Staff Rs. 33 and Interest on Net Premia Fund Rs. 5. The existence of favourable conditions created by war during the past six years is responsible for the all round improvement in Revenue and therefore it should not be relied upon as a permanently lasting feature.

The increases in General Tax were due to the revision of rateable value of several properties in the City The increases under Water Works were partly due to tax on Rateable value and partly due to more receipts under Compounded Tax. The increases under Street Cleansing were partly due to increased revenue from tax on Rateable value and partly under Special services. The increase under Fire Brigade followed the increase on General Tax. The increases under Town Duties were partly due to the change in the mode of levy on timber and partly on account of Government having paid duties on goods which virtually belonged to them but were not so certified at the time of import. Under Public Health the increase was mainly due to recovery of Supervision charges at 5 per cent from Government in connection with the administration of Government Subsidized Milk Scheme. The increases under Roads, Drains and Sewers were due partly to wheel tax from private and public conveyances and partly on account of profit realised on the working of Crushers and Asphalt Plant, The increase under Mechanical was partly due to sale of old compressor sets lying at Love Grove Pumping Station and partly on account of profit realised on Mechanical Transport. Under Markets and Slaughter Houses, the increases were mainly under Squatter fees, Fair ground and feeding fees due to a higher bid in auction and under Miscellaneous, due mainly to increased receipts from scale fees etc. The other increases do not call for any remarks.

The expenditure of the year as compared with the Budget Estimates showed a decrease of Rs. 3,60 The main factors which contributed to this decrease were (1) reduction of Rs. 1,74 in debt charges due partly to reduction in the amount of Loan from Rs. 40 lakhs to Rs. 25 lakhs and partly to reduction in the amounts of Advances taken from Special Funds. The loan having been raised in instalments according to the progress of Loan Works expenditure, (2) decrease of Rs. 3,57 under Repairs and New Works owing to the non-availablity of materials due to war conditions, (3) decrease of Rs. 2,79 under Public Lighting, counterbalanced by increases amounting to Rs. 4.50 *viz.*, (1) increase of Rs. 2,03 under E—Miscellaneous for meeting the payment of Income Tax and Super Tax with Surcharge on the income derived by the Corporation on account of supply of water outside its alleged jurisidictional area during the Income Tax years 1941-42 to 1944-45, (2) Rs. 1,17 under payment to the Schools Committee, (3) Rs. 67 for contribution towards Improvements Schemes Account, and (4) Rs. 63 under Measures for Civil Defence.

The Surplus Cash Balance at the begining of the year was Rs. 69,08 and as a result of variations in Income and Expenditure showing a deficit of Rs. 5,76 the balance at the close of the year is reduced to Rs. 63,32 and after allowing for the advance of Rs. 3,12 as detailed in paragraph 2, the balance at the close of the year is Rs. 60,20.

Compared with previous year the normal expenditure for the year shows an increase of Rs. 25,18. Even with this increase, it is doubtful whether the expenditure on city services can be restricted to the present level in view of the fact thot several works could not be undertaken during the last six years on account of the non-availability of materials. Large allotments of funds will therefore, be necessary in the post war period for the efficient maintenance of the various city services.

Further the question of improving the scales of pay and service conditions of the low paid staff is under the consideration of the Corporation which is likely to involve expenditure to the extent of several lakhs. Apart from this, the Corporation will have to tackle further intricate problems consequent upon the introduction of Greater Bombay Scheme, taking over of the B.E.S.T. and last but not of least importance the pressing needs to undertake already deferred schemes such as (1) Improvement of water supply, (2) Improvement of drainage and sewerage arrangements, (3) providing housing accommodation at low rents for the poor, (4) Improvements of roads etc., worn out by heavy military traffic during war, (5) Extension of Hospital accommodation in the City and also such other measures are necessary due to a rapid expansion of the City. This would mean that the Corporation will have to bear a much heavier burden in the years to come. The large surplus cash balance at the end of the year is likely to be absorbed by the heavy commitments of the Corporation enumerated above. It is therefore imperative that the representations already made to Government for allocating

additional sources of income for meeting the growing liabilities of the Corporation should receive very early and symathetic consideration at the hands of the Provincial Government.

Reference may be made to the Special Fund " Post War Reconstruction Fund" created during the year under review by crediting Rs. 55 lakhs out of Revenue for meeting the expenditure on services affecting the sanitation and health of the City and on amenities which were very necessary to the public which otherwise the Corporation had to provide for by raising loans.

During the year under report, the Government Subsidized Milk Scheme, the operation of which by the Municipality on behalf of Government was sanctioned by the Corporation under their Resolution No. 1233, dated the 23rd March 1944 was continued, Government were requested to raise the amount of their deposit with the Municipality from Rs. 2,75 to Rs. 13,50 to meet the growing expenses of the schemes. They have accordingly deposited further amount of Rs. 10,75 on 24th April 1945. The total expenditure on the scheme for the year is Rs.2,12,49 and the receipts realised on account of sale of milk amounted to Rs. 1,07,29, and the recoupments made by Government being Rs. 1,11,20.

In regard to Land Sales Reserve Fund, it may be pointed out that the area of Surplus Municipal land available for sale at the end of the year was about 45,223 square yards of the approximate value of Rs. 5,41.

The expenditure during the year on Loan Works as shown in paragraph 15 was Rs. 43,30. In the Revised Estimates, the expenditure was shown at Rs. 50,32, while the actual expenditure aggregated to Rs. 17,05. The actuals fell short of the Budget Estimates and the Revised Estimates by 61 per cent., and 66 per cent. respectively. The executive officers were not able to spend money as, though the war was over, there was no appreciable change in the difficulty of obtaining materials for construction works.

The position regarding Sinking Fund Investments is satisfactory, as there is an excess accumulation of Rs. 28,63 which is allowed to remain in the Sinking Fund Account pending legislation by Government for amending the Municipal Act for the purpose of enabling the Corporation to utlise the surplus accumulations for general Municipal purposes. In addition to this, Rs. 47,25 are to the credit of Net Premia Fund which is intended as a reserve for making good any dificit in the market value of the Sinking Fund Investments at the close of the year as compared with the actual amount of the Sinking Fund on that date.

As regards Imrovement Schemes, the total income for the year amounted to Rs. 1,00,96 and the total expenditure aggregated to Rs. 1,02,04, showing a deficit of Rs. 1,08. The programme of repair works could not be proceeded with due to difficulty in obtaining materials.

The position regarding Sinking Fund Investments in respect of Improvement Schemes is satisfactory as there is an excess accumulation of Rs. 56,44 which is allowed to remain in Sinking Fund Account.

J. K. DARUWALA,
Chief Accountmt.

APPENDICES.

Municipal Account.

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No. 12.—Water Works, Income and Expenditure Account, including statement of income realizations for 1945-46 and preceding 5 years from Water supply through meters.

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No. 14B.—Statement of Advance Accounts out of Special Funds for 1945-46.

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No. 14E.—Statement of interest accrued but not paid in respect of the Municipal loans outstanding on 31st March 1946.

No. 15.—Statement of amounts of receipts and expenditure respectively, credited and debited to the Municipal Fund during the year 1945-46 and the balance at the credit of the fund at the close of the year 1945-46 (*i.e.* 31st March 1946.)

No. 16.—Comparison of Face, Purchase and Market values at 31st March 1946 of the different securities held in the Special Funds.

No. 16A.—Comparison of Face, Purchase and Market values at 31st March 1946 of the different securities held in the Sinking Funds

No. 16B.—Statement showing the amount of and the object for which the donations held under Public Monuments Maintenance Fund were received from different parties upto 31st March 1946.

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No. 17.—Statement of Town Duties collected and refunds allowed in 1945-46.

No. 18.—Statement of the Income of the Bombay Municipality from 1932-33 to the close of the financial year 1945-46.

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No. 20.—Contrasted statement of Income and Expenditure from the year 1932-33 to the financial year 1945-46.

Improvement Schemes Account.

No. 21.—General Financial Statistics.

No. 22.—General Account for the year 1945-46.

No. 23.—General Account for 1945-46—Details of Income.

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No. 25.—Balance Sheet (Capital Account) as at 31st March 1946.

No. 26.—Block Account showing Capital Expenditure upto 31st March 1946.

No. 27.—Statement showing scheduled lands as specified in the Schedules W to Z annexed to Act XIII of 1933.

No. 28.—Statement showing the actual investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1946 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund, as at 31st March 1946.

No. 29.—Statement showing outstanding loans of the Bombay Improvement Trust due by the Municipality, the interest outstanding on 1st April 1945 on the different loans, the amount payable for the year 1945-46, the amount paid during that year and the balances outstanding on 31st March 1946.

No. 30.—Comparison of Face, Purchase and Market values at 31st March 1946 of the different securities held in the Sinking Fund.

APPENDIX No. 1.

General Financial Statistics.

—	1941-42.	1942-43.	1943-44.	1944-45.	1945-46.
General.					
1. Area of the City (acres)	15,714	16,761	16,761	16,761	16,761
2. Population ...	14,89,883	14,89,883	14,89,883	14,89,883	14,89,883A 25,00,000B
Rates and Assessments.					
3. Rateable value Rs.	14,27,65,826	14,63,63,848	15,93,54,514	16,00,98,370	16,71,69,555
4. Rateable value per head of population.	Rs. 95-13-2	Rs. 98-3-10	Rs. 106-15-4	Rs. 107-7-3	Rs. 112-3-3A „ 66-13-11B
5. Properties registered in the Assessment Book	48,664	48,967	49,016	49,631	50,571
Income.	Rs. at 11 per cent.	Rs. at 11 per cent.	Rs. at 11 per cent.	Rs. at 11 per cent.	Rs. at 12 per cent.
6. General Tax ...	1,39,20,308	1,47,94,959	1,53,51,010	1,59,44,469	1,83,61,824
7 Income from other sources ...	2,28,45,895	2,41,06,982	2,50,47,527	2,70,33,147	3,03,75,628
Total Income Rs.	3,67,66,203	3,89,01,941	4,03,98,537	4,29,77,616	4,87,37,452
8. Incidence of Taxation per head ...	Rs. 20-7-5	Rs. 21-7-8	Rs. 22-9-9†	Rs. 24-2-2†	Rs. 27-5-3A „ 16-4-7B
Loans.	Rs.	Rs.	Rs.	Rs.	Rs.
9. Debt outstanding ...	15,49,82,768	14,60,72,411	14,06,86 931	13,79,18,349	12,95,03,127
10. Redemption and Sinking Funds in hand or invested ...	3,69,77,690	3,26,11,056	3,32,83,833	3,65,28,927	3,39,87,920
11. Net Loan Debt ...	11,80,05,078	11,34,61,355	10,74,03,098	10,13,89,422	9,55,15,207
12. Net Debt per head of population ...	Rs. 79-3-3	Rs. 76-2-6	Rs. 72-1-5	Rs. 68-0-10	Rs. 64-1-9 A „ 38-3-4 B
Expenditure.	Rs.	Rs.	Rs.	Rs.	Rs.
13. *Water Works*—Maintenance ...	14,12,014	14,71,051	16,21,289	17,01,094	28,53,202
Debt Charges ...	54,12,160	53,41,293	54,21,364	54,41,354	54,79,154
14. Primary Education ...	41,39,770	42,27,020	47,11,373	53,41,151	60,77,773
15. Medical Relief and Education ...	19,34,992	20,62,630	23,58,896	24,14,403	28,34,880
16. Other City services ...	1,57,50,826	1,61,38,332	1,79,47,179	1,93,50,000	2,51,06,037
17. Debt Charges—excluding Water Works...	72,71,759	72,25,122	70,36,348	70,47,285	69,61,956
Total Expenditure Rs. ...	3,59,21,521	3,64,65,448	3,90,96,449	4,12,95,287	4,93,13,002

† This was erroneously shown during 1943-44 and 1944-45 as Rs. 27-1-10 and Rs. 28-13-6 respectively.
A :—As per Census.
B :—As per Rationing Authority.

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

APPENDIX No. 2.

Revenue Account for the year ended 31st March 1946.

Particulars.		Total.	Particulars.		Total.
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Revenue Expenditure as per Appendix No. 4		4,93,13,002 9 9	By Revenue Receipts as per Appendix No. 3		4,87,37,452 1 7
			,, Balance being deficet for the year		5,75,550 8 2
		4,93,13,002 9 9			4,93,13,002 9 9
Contribution towards Improvement Schemes during 1946-47 ...	29,30,715 0 0		Surplus Revenue Fund as at 1st April 1945 ...		1,05,26,468 5 2
Revenue Expenditure to be incurred in 1946-47 and provided for as renewed grants ...	20,44,936 0 0		Revenue of previous year renewed for payment of contribution towards Improvement Schemes during 1945-46 ...	27,69,580 0 0	
		49,75,651 0 0			
Deficit for the year ...		5,75,550 8 2	Revenue of previous years reserved for the year 1945-46 ...	18,13,000 0 0	
Balance being Surplus Revenue Fund as at 31st March 1946 as per Appendix No. 5 ...		95,57,846 13 0			45,82,580 0 0
		1,51,09,048 5 2			1,51,09,048 5 2

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 3

INCOME

Statement showing the Net Receipts during the Financial Year 1945-46 from all sources as contrasted with the Original Budget Estimate.

Particulars.	Budget Estimate for 1945-46.	Revised Estimate for 1945-46.	Actuals for 1945-46.	Actuals for 1944-45.	Compared with the Original Estimate	
					More.	Less.
1	2	3	4	5	6	7
1.—General Tax, Indirect Taxation and Miscellaneous Revenue.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
A.—General Tax at 12 per cent.—						
(1) From the Public ...	1,41,18,261	1,46,70,142	1,50,70,899	1,29,01,336	9,52,638	...
(2) From Government ...	4,29,621	4,29,621	4,29,622	3,94,009	1	...
(3) From Port Trust ...	9,61,864	9,61,864	9,61,864	8,81,709	...	...
(4) For Improvement Schemes Properties ...	2,72,727	3,01,474	3,15,306	3,10,038	42,579	...
(5) From Mills ...	11,00,040	11,04,806	11,12,408	10,24,866	12,368	...
(6) From G.I.P. Railway ...	2,64,828	2,64,828	2,64,828	2,42,758	...	...
(7) From B.B. & C.I. Railway ...	2,06,896	2,06,896	2,06,897	1,89,753	1	...
	1,73,54,237	1,79,39,631	1,83,61,824	1,59,44,469	10,07,587	...
B.—Town Duties—						
(1) Through Port Trust ...	5,25,000	8,50,000	8,41,946	6,63,909	3,16,946	...
(2) Through G.I.P. Railway ...	4,25,000	8,00,000	10,33,620	5,31,116	6,08,620	...
(3) Through B.B. & C.I. Railway ...	9,60,000	4,00,000	4,60,165	9,36,520	...	4,99,835
(4) Election and T.D.O. ...	2,00,000	2,50,000	2,51,454	2,81,104	51,454	...
	21,10,000	23,00,000	(a) 25,87,185	24,12,649	9,77,020	4,99,835
Deduct—Refunds and Commission charges ...	4,10,000	5,00,000	(b) 4,91,551	4,72,595	81,551	...
	17,00,000	18,00,000	20,95,634	19,40,054	8,95,469	4,99,835
C.—Grant-in-aid of the fees for Land, Conveyance, Music Licences (issued by the Commissioner of Police) ...	4,500	5,949	9,299	5,838	4,799	...
D.—Grant-in-aid in respect of fines for offences against the Law ...	1,10,000	1,10,000	1,68,258	1,36,329	58,258	...
E.—Interest and Profit on Investments of Surplus Loan and other Balances ...	2,25,000	2,75,000	4,15,962	3,02,015	1,90,962	...
F.—Interest and Profit on Plant and Machinery Depreciation Fund ...	69,000	69,000	70,521	68,979	1,521	...
G.—Miscellaneous—						
(1) Contribution from Municipal servants towards Pensions etc., Fund ...	4,500	4,000	15,281	4,370	10,781	...
(2) Miscellaneous receipts ...	30,000	40,000	1,08,866	63,413	78,866	...
(3) Miscellaneous fees ...	18,000	18,000	27,089	19,390	9,089	...
(4) Rent of buildings and lands ...	72,261	2,34,000	2,59,464	66,228	1,87,203	...
	1,24,761	2,96,000	4,10,700	1,53,401	2,85,939	...
	1,95,87,498	2,04,95,580	2,15,32,198	1,85,51,085	24,44,535	4,99,835
2.—Water Works.						
Water Tax and other Miscellaneous Water Works Revenue—						
(1) On Ratable Value ...	40,62,500	42,04,450	42,32,891	40,14,384	1,70,391	...
(2) By Measurement per 1,000 gallons ...	81,25,921	81,68,881	80,91,897	68,51,032	...	34,024
(3) Rent of Water Meters ...	78,000	1,22,000	95,999	69,736	17,999	...
(4) Compounded Tax ...	2,30,200	2,90,500	3,37,401	1,50,245	1,07,201	...
(5) Rent of Buildings and Lands ...	8,850	16,000	16,734	9,992	7,884	...
	1,25,05,471	1,28,01,831	1,27,74,922	1,10,95,389	3,03,475	34,024
(6) Miscellaneous—						
Miscellaneous receipts ...	22,500	61,400	77,399	34,031	54,899	...
	1,25,27,971	1,28,63,231	1,28,52,321	1,11,29,420	3,58,374	34,024
3.—Education (Primary).						
Contribution from Government ...	9,50,000	9,77,743	9,72,353	9,66,703	22,353	...
Miscellaneous—						
Miscellaneous receipts ...	...	150	315	488	315	...
	9,50,000	9,77,893	9,72,668	9,67,191	22,668	...
4.—Education (Secondary).						
Miscellaneous—						
Miscellaneous receipts ...	100	1,000	2,400	1,146	2,300	...
5.—Public Health Department.						
A.—Interest realised on Donations ...	75	75	75	75	...	...
B.—Miscellaneous—						
(1) Miscellaneous receipts ...	43,000	1,09,925	1,55,128	53,625	1,12,128	...
(2) Miscellaneous fees ...	38,000	45,810	49,994	40,856	11,994	...
(3) Rent of Buildings and Lands ...	60,000	61,356	62,277	61,488	2,277	...
(4) Sale of rights ...	...	...	...	5	...	...
	1,41,000	2,17,091	2,67,399	1,55,974	1,26,399	...
C.—Grant-in-aid from Government for the duty free supply of Spirituous Medical Preparations for the use of Hospitals and Dispensaries ...	6,200	6,302	6,302	...	102	...
D.—Tax on Dogs ...	50,000	45,820	44,094	54,230	....	5,906
	1,97,275	2,69,288	3,17,870	2,10,279	1,26,501	5,906
Carried forward Rs. ...	3,32,62,844	3,46,06,992	3,56,77,457	3,08,59,121	29,54,378	5,39,765

(a) These are net receipts after deducting Commission charges amounting to Rs. 70,086.
(b) This is exclusive of Commission charges amounting to Rs. 70,086.

Appendix No. 3—(*Continued.*)

INCOME

Statement showing the Net Receipts during the Financial year 1945-46 from all sources as contrasted with the Original Budget Estimate.

Particulars.	Budget Estimate for 1945-46.	Revised Estimate for 1945-46.	Actuals for 1945-46.	Actuals for 1944-45.	Compared with the Original Estimate	
					More.	Less.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	3,32,62,844	3,46,06,992	3,56,77,457	3,08,59,121	29,54,378	5,39,765
6.—Medical Relief and Education.						
A.—Interest realised on donations from the Public ...	4,300	4,300	4,376	4,376	76	...
B.—Miscellaneous—						
(1) Miscellaneous receipts ...	1,500	3,000	4,220	5,340	2,720	...
(2) Miscellaneous fees ...	2,500	5,100	4,587	2,601	2,087	...
(3) Rent of Buildings and Lands ...	42,216	42,324	47,269	82,538	5,053	...
	46,216	50,424	56,076	90,479	9,860	...
C.—Receipts from Gordhandas Sunderdas Medical College ...	1,41,000	1,43,074	1,41,854	1,35,465	854	...
D.—Receipts from King Edward Memorial Hospital ...	5,750	9,910	12,948	9,799	7,198	...
E.—Interest realised on Hospital Fund (for Veneral Ward at King Edward Memorial Hospital) ...	22,000	23,000	24,653	20,966	2,653	...
F.—Interest on K. E. M. Hospital and G. S. Medical College Equipment Fund ...	2,800	3,200	3,517	3,135	717	...
G.—Grant-in-aid from Government in respect of Excise Duty etc., for spirituous articles ...	4,000	20,697	21,330	15	17,330	...
	2,26,066	2,54,605	2,64,754	2,64,235	38,688	...
7.—Street Cleansing and Conservancy, Road Watering and Halalkhore service.						
A.—Halalkhore Tax—@ 3 per cent.						
(1) On Ratable Value ...	40,64,494	41,90,483	43,44,663	41,19,702	2,80,169	...
(2) For Special Service ...	1,81,000	2,24,906	3,13,608	1,82,926	1,32,608	...
	42,45,494	44,15,389	46,58,271	43,02,628	4,12,777	...
B.—Miscellaneous						
(1) Sale of Rights ...	70,000	74,594	70,581	82,468	581	...
(2) Miscellaneous receipts ...	14,000	14,515	8,711	19,719	...	5,289
(3) Miscellaneous fees ...	70,000	72,000	67,107	68,775	...	2,893
(4) Rent of Buildings and Lands ...	66,000	66,604	69,281	67,008	3,281	...
	2,20,000	2,27,713	2,15,680	2,37,970	3,862	8,182
	44,65,494	46,43,102	48,73,951	45,40,598	4,16,639	8,182
8.—Roads, Drains and Sewers.						
A.—Wheel Tax and Government contribution in lieu of Tolls—						
(1) Private conveyances ...	13,24,000	14,01,564	15,70,772	14,68,122	2,46,772	...
(2) Public conveyances ...	2,51,000	2,71,000	2,79,677	2,65,665	28,677	...
(3) Contribution from Government in lieu of Tolls ...	25,000	25,000	25,000	25,000	...	...
	16,00,000	16,97,564	18,75,449	17,58,787	2,75,449	...
B.—Ground Rent—						
(1) From Tramway Co. ...	67,000	67,000	66,944	66,944	...	56
(2) From Telephone Co. ...	...	...	...	*Dr.* 129	...	...
(3) From Private Parties ...	20,150	22,570	25,217	26,343	5,067	...
	87,150	89,570	92,161	93,158	5,067	56
C.—Miscellaneous—						
(1) Miscellaneous receipts ...	78,250	81,725	2,31,056	95,453	1,52,806	...
(2) Miscellaneous fees ...	27,600	25,278	30,200	31,614	2,600	...
(3) Rent of Buildings and Lands ...	29,785	34,126	33,979	23,470	4,194	...
	1,35,635	1,41,129	2,95,235	1,50,537	1,59,600	...
D.—Interest realised on donations ...	1,850	1,850	1,963	2,090	113	...
	18,24,635	19,30,113	22,64,808	20,04,572	4,40,229	56
9.—Mechanical.						
Miscellaneous—						
Miscellaneous receipts ...	65,000	1,14,491	1,74,027	69,898	1,09,027	...
10.—Buildings, Land Acquisition and Management.						
A.—Sale proceeds of Surplus Land ...	10,00,000	10,00,000	10,00,000	10,00,000	...	...
B.—Rent of Buildings ...	38,616	37,461	40,134	39,819	1,518	...
C.—Ground Rent ...	2,47,433	2,45,874	2,43,532	2,55,440	...	3,901
D.—Miscellaneous—						
(1) Sale of Rights and Miscellaneous Receipts ...	2,805	5,122	9,791	12,868	6,986	...
(2) Miscellaneous fees ...	1,61,750	1,64,575	1,48,441	1,68,700	...	13,309
	14,50,604	14,53,032	14,41,898	14,76,827	8,504	17,210
Carried forward Rs. ...	4,12,94,643	4,30,02,335	4,46,96,895	3,92,15,251	39,67,465	5,65,213

Appendix No. 3—(*Concluded.*)

INCOME.

Statement showing the Net Receipts during the Financial year 1945-46 from all sources as contrasted with the Original Budget Estimate.

Particulars.	Budget Estimate for 1945-46.	Revised Estimate for 1945-46.	Actuals for 1945-46.	Actuals for 1944-45.	Compared with the Original Estimate	
					More.	Less.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought over Rs. ...	4,12,94,643	4,30,02,335	4,46,96,895	3,92,15,251	39,67,465	5,65,213
11.—Fire Brigade.						
A.—Fire Tax at half per cent.						
(1) From the Public ...	5,88,261	6,11,256	6,21,444	5,85,859	33,183	...
(2) From Government ...	17,901	17,901	17,901	17,909	...	...
(3) From Port Trust ...	40,078	40,078	40,078	40,078	...	...
(4) For Improvement Schemes Properties ...	10,869	12,561	13,177	14,088	2,308	...
(5) From Mills ...	45,835	46,034	46,368	46,591	533	...
(6) From G. I. P. Railway ...	11,034	11,034	16,552	11,035	5,518	...
(7) From B.B. & C.I. Railway ...	8,621	8,621	12,931	8,523	4,310	...
	7,22,599	7,47,485	7,68,451	7,24,083	45,852	...
B.—Miscellaneous—						
Miscellaneous receipts ...	18,000	20,000	24,235	24,511	6,235	...
	7,40,599	7,67,485	7,92,686	7,48,594	52,087	...
12.—Licensing and Removal of Encroachments on Public Streets.						
A.—Licences for Dangerous and Offensive Trades ...	2,20,000	2,42,349	2,65,546	2,56,263	45,546	...
B.—Removal of encroachment on Public Streets—						
Licences for Squatters and Hawkers and fees for Removal of Encroachments ...	1,80,000	1,98,969	2,02,184	1,96,112	22,184	...
C.—Grant-in-aid from Government for the Administration of Shops & Establishment Act of 1939. ...	50,000	60,000	1,19,252	...	69,252	...
D.—Miscellaneous—						
(1) Miscellaneous receipts ...	500	700	859	1,139	359	...
(2) Advertisements ...	1,00,000	1,37,771	1,40,929	1,35,560	40,929	...
	1,00,500	1,38,471	1,41,788	1,36,699	41,288	...
	5,50,500	6,39,789	7,28,770	5,89,074	1,78,270	...
13.—Gardens and Open Spaces.						
Miscellaneous—						
(1) Miscellaneous receipts ...	200	200	4,774	1,208	4,574	...
(2) Rent of Buildings and Lands ...	1,17,000	1,17,001	1,18,684	1,07,319	1,684	...
	1,17,200	1,17,201	1,23,458	1,08,527	6,258	...
14.—Markets and Slaughter Houses.						
Miscellaneous—						
(1) Stall rents ...	3,85,000	3,90,000	4,27,366	4,09,111	42,366	...
(2) Squatters' fees ...	2,00,000	2,30,000	2,85,686	2,28,853	85,686	...
(3) Fair ground and feeding fees ...	2,15,000	3,50,500	4,10,672	2,57,500	1,95,672	...
(4) Slaughter fees ...	6,50,000	6,00,000	5,66,433	6,58,508	...	83,567
(5) Miscellaneous receipts ...	1,50,000	2,60,000	2,69,040	3,70,975	1,19,040	...
(6) Rent of Buildings and Lands ...	20,000	25,000	29,845	23,571	9,845	...
(7) Cold Storage rent ...	30,000	70,000	73,011	65,614	43,011	...
	16,50,000	19,25,000	20,62,053	20,14,132	4,95,620	83,567
15.—Contribution from Capital Funds to Revenue on account of Loan Works Staff ...	1,00,000	1,00,000	66,590	57,476	...	33,410
16.—Extraordinary Receipts.						
(*a*) Interest on Net Premia Fund and excess interest on Sinking Fund ...	90,000	90,000	84,956	1,05,636	...	5,044
17.—Rebate from Government on account of Collection of the Urban Immovable Property Tax in the City ...	1,66,000	1,73,000	1,82,044	1,82,460	16,044	...
18.—Excess accumulation in the Plant and Machinery Depreciation Fund ...	...	...	...	*Dr.* 43,534	...	...
Total Income ...	4,47,08,942	4,68,14,810	4,87,37,452	4,29,77,616	47,15,744	6,87,234

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 4.

EXPENDITURE.

Statement showing the Actuals as compared with the Final Grants for 1945-46.

Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final Grants compared with the Actuals		Actuals for 1944-45.
			Amount required to be renewed in 1946-47.	Savings.	
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—General Supervision, Collection of Revenue, etc.					
A.—General Superintendence	1,54,363	1,26,768	15,550	12,045	1,47,688
(a) Corporation and Standing Committee	64,265	62,259	852	1,154	54,676
(b) Chief Auditor's Establishment	1,54,627	1,24,520	17,308	12,799	1,18,236
(c) Municipal Commissioner's Personal and General Office	2,50,554	2,3,5736	5,244	9,574	2,46,622
(d) Audit and Accounts	6,23,809	5,49,283	38,954	35,572	5,67,222
B.—Collection of Revenue—					
(a) Property and Wheel Tax Establishment	6,82,003	6,74,663	1,171	6,169	6,57,516
(b) Town Duty Refund Branch	1,51,040	1,32,065	1,779	17,196	1,31,391
	8,33,043	8,06,728	2,950	23,365	7,88,907
C.—Upkeep of Municipal Head Office	57,942	33,354	14,140	10,448	40,092
D.—General Stores	88,452	84,367	1,896	2,189	83,096
E.—Miscellaneous Charges	4,01,265	3,37,706	27,535	36,024	1,73,125
F.—Election Expenses	1,41,959	67,569	64,419	9,971	40,830
New Works	17,585	9,372	5,924	2,289	12,615
Debt Charges	45,621	38,023	6	7,592	34,899
	22,09,676	19,26,402	1,55,824	1,27,450	17,40,786
Deduct—Proportionate share debitable to Water Works, Fire Brigade, Markets and Improvement Schemes Account and Schools Fund Account	5,47,159	4,89,019	31,102	27,038	4,64,037
	16,62,517	14,37,383	1,24,722	1,00,412	12,76,749
II.—Water Works.					
A.—Establishment and Labour	6,51,075	6,33,024	5,858	12,193	6,05,786
B.—Repairs and Maintenance	5,18,175	3,91,387	86,248	40,540	3,47,477
C.—Meters	46,523	28,631	9,966	7,926	31,848
D.—Miscellaneous	4,22,773	3,09,040	71,163	42,570	2,72,099
E.—Depreciation	5,659	5,159	...	500	3,779
F.—Amount to be credited to Post-war Reconstruction Fund for Improvement in the City water Supply	10,00,000	10,00,000	...	...	...
Provident Fund and Pension, etc., charges	1,40,106	1,15,001	17,000	8,105	1,08,685
Proportion of General Supervision and Collection of Revenue	3,68,492	3,31,391	18,586	18,515	3,11,878
New Works	71,691	39,569	21,977	10,145	19,542
Debt Charges	56,33,007	54,79,154	1,11,402	42,451	54,41,354
	88,57,501	83,32,356	3,42,200	1,82,945	71,42,448
III.—Education (Primary).					
Municipal Institutions	63,78,159	60,77,773	1,24,951	1,75,435	53,41,151
New Works	...	...	...	...	...
Debt Charges	1,56,627	1,55,934	641	52	1,63,133
	65,34,786	62,33,707	1,25,592	1,75,487	55,04,284
IV.—Education (Secondary).					
A.—Victoria and Albert Museum	18,064	15,030	1,812	1,222	19,719
B.—Opening New reading Rooms and Libraries	35,486	27,206	2,259	6,021	24,640
Debt Charges	1,573	1,573	...	...	...
	55,123	43,809	4,071	7,243	44,359
V.—Public Health Department.					
A.—General Supervision	5,96,061	5,41,892	22,068	32,101	5,16,911
B.—Epidemics	57,208	31,116	13,289	12,803	39,001
C.—Vaccination	1,18,418	63,836	51,727	2,855	77,195
D.—Malaria	2,45,950	2,32,415	4,962	8,573	2,40,412
E.—Miscellaneous—					
(a) Cemeteries	37,961	27,836	3,076	7,049	26,268
(b) Laboratory	26,810	25,661	598	551	23,710
(c) Mahaluxmi Dhobiwada	63,890	41,215	22,138	537	23,402
(d) Dharmashalas	1,679	1,364	51	264	788
(e) Destruction of dogs	9,242	7,598	341	1,303	7,811
Public Health, Carried over Rs.	11,57,219	9,72,933	1,18,250	66,036	9,55,498
Carried over Rs.	1,71,09,927	1,60,47,255	5,96,585	4,66,087	1,39,67,840

Appendix No. 4.—(*Continued.*)

EXPENDITURE.

Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final Grants compared with the Actuals		Actuals for 1944-45.
			Amount required to be renewed in 1946-47.	Savings.	
1.	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	1,71,09,927	1,60,47,255	5,96,585	4,66,087	1,39,67,840
Public Health—Brought forward ...	11,57,219	9,72,933	1,18,250	66,036	9,55,498
F.—Medical Inspection of School children including the Dental Clinic ...	44,808	41,414	657	2,737	41,452
G.—Propoganda for Public Health ...	31,904	16,359	10,320	5,225	8,395
H.—Supply of milk to the undernourished needy children attending Municipal Schools ...	2,84,154	1,51,169	20,000	1,12,985	88,149
I.—Licensing of Dogs ...	26,232	21,162	1,169	3,901	19,078
New Works ...	19,206	3,057	8,814	7,335	5,801
Debt Charges ...	61,862	60,297	291	1,274	55,472
	16,25,385	12,66,391	1,59,501	1,99,493	11,73,845
VI.—Medical Relief and Education.					
A.—Hospitals and Maternity Homes—					
(*a*) King Edward Memorial Hospital ...	13,26,689	11,19,932	92,477	1,14,280	8,71,701
(*b*) Infectious Diseases Hospitals ...	6,44,765	5,23,421	72,775	48,569	3,81,765
(*c*) Maternity Homes ...	1,79,537	1,63,340	8,533	7,664	1,46,648
(*d*) Turner Sanitorium ...	1,29,537	1,16,703	6,059	6,775	84,508
(*e*) Ramesh Premchand Hospital ...	6,705	2,852	...	3,853	10,674
B.—Dispensaries—	22,87,233	19,26,248	1,79,844	1,81,141	14,95,296
(*a*) Dispensaries for out-patients ...	1,27,377	1,15,231	7,453	4,693	1,05,054
(*b*) Anti-Tuberculosis Dispensaries ...	51,072	36,429	13,391	1,252	36,160
(*c*) Dispensary for combating Veneral Diseases ...	50,144	45,267	3,810	1,067	41,887
	2,28,593	1,96,927	24,654	7,012	1,83,101
C.—Medical and Nursing Assistance to Poor People in their Houses ...	490	...	...	490	13
D.—Gordhandas Sunderdas Medical College ...	2,99,578	2,60,369	18,200	21,009	2,62,375
E.—Statutory Contribution to Government Medical Institutions ...	4,14,500	4,14,500	...	...	4,14,500
F.—Clinic for treatment of Leprocy Cases ...	15,000	...	15,000	...	...
New Works ...	79,189	36,836	3,441	38,912	59,117
Debt Charges ...	4,64,103	4,59,220	3,997	886	4,55,455
	37,88,686	32,94,100	2,45,136	2,49,450	28,69,857
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service.					
A.—Street Cleansing and Conservancy—					
(*a*) Superintendence and Inspection ...	2,22,551	2,08,140	8,600	5,811	2,03,082
(*b*) Veterinary ...	34,072	28,497	3,387	2,188	29,603
(*c*) Street Cleansing and Sanitation—					
(*a*) Scavengering ...	12,28,624	12,09,760	8,954	9,910	11,61,500
(*b*) Road Scraping ...	85,786	83,634	1,027	1,125	81,009
(*d*) Gully Flushing ...	1,27,805	1,24,423	1,673	1,709	1,19,282
	16,98,838	16,54,454	23,641	20,743	15,94,476
(*e*) Removal of Town Refuse to Tardeo for transport to Deonar—					
(1) Bullock Traction ...	4,38,218	3,70,094	23,646	44,478	3,59,312
(2) Incineration ...	4,472	828	2,950	694	7,959
(3) Loading Siding ...	1,51,123	1,09,811	28,283	13,029	1,09,185
	5,93,813	4,80,733	54,879	58,201	4,76,456
(*f*) Miscellaneous ...	1,27,282	1,16,336	3,924	7,022	1,03,292
	24,19,933	22,51,523	82,444	85,966	21,74,224
B.—Transport of refuse, etc., to Deonar ...	3,41,833	2,96,131	38,676	7,026	2,47,986
C.—Road Watering ...	24,927	21,609	713	2,605	17,412
D.—Halalkhore Service—					
(*a*) Cleansing and Sanitation ...	2,30,025	2,21,432	4,166	4,427	2,10,376
(*b*) Bullock Traction ...	54,197	39,916	13,601	680	57,966
(*c*) Miscellaneous ...	1,35,151	96,600	22,555	15,996	78,456
	4,19,373	3,57,948	40,322	21,103	3,46,798
New Works ...	40,927	11,377	18,326	11,224	10,212
Debt Charges ...	3,98,709	3,81,401	9,677	7,631	3,93,441
	36,45,702	33,19,989	1,90,158	1,35,555	31,90,073
Carried over Rs. ...	2,61,69,700	2,39,27,735	11,91,380	10,50,585	2,12,01,615

Appendix No. 4—(*Continued.*)

EXPENDITURE

Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final Grants compared with the Actuals		Actuals for 1944-45.
			Amount required to be renewed in 1946-47.	Savings.	
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	2,61,69,700	2,39,27,735	11,91,380	10,50,585	2,12,01,615
VIII.—Roads, Drains and Sewers.					
A.—General ...	1,74,324	1,52,374	5,061	16,889	1,54,856
B.—Maintenance of Roads ...	15,71,055	12,65,100	1,18,655	1,87,300	14,74,236
C.—Public Lighting ...	11,23,974	8,69,401	51,128	2,03,445	8,79,480
D.—Cleansing of Drains and Sewers and Street connections ...	4,22,601	3,69,606	22,708	30,287	3,86,348
E.—Rebate on account of the compounded Wheel Tax ...	1,02,500	20,813	400	81,287	59,881
	33,94,454	26,77,294	1,97,952	5,19,208	29,54,811
New Works ...	64,836	26,747	13,584	24,505	27,978
Debt Charges ...	35,93,282	34,32,522	69,195	91,565	34,85,052
	70,52,572	61,36,563	2,80,731	6,35,278	64,67,841
IX.—Mechanical.					
A.—Mechanical Engineer's Office Establishment ...	84,436	72,576	911	10,949	74,588
B.—Pumping Compressor Stations—					
(*a*) Inspection and Supervision— ...	14,955	13,877	150	928	13,363
(*b*) Pumping Stations in the City—					
(*i*) Pumping Station, Love Grove ...	1,77,742	1,44,044	1,250	32,448	1,72,533
(*ii*) Pumping Station, Parel, Poibavdi ...	4,862	4,483	20	359	4,280
(*iii*) Pumping Station, Arthur Road ...	2,028	1,696	100	232	5,147
(*iv*) Pumping Station, Sewri ...	5,629	5,194	50	385	4,665
(*v*) Pumping Station, Tank Bunder ...	7,420	5,793	375	1,252	6,503
(*vi*) Pumping Station, Matunga ...	48,836	40,703	1,890	6,243	35,625
(*vii*) Pumping Station, Mahim ...	21,248	18,989	50	2,209	18,567
(*viii*) Pumping Station, Sion-Koliwada ...	3,145	2,174	150	821	2,330
(*ix*) Pumping Station, Sewri-Wadala No. 1 ...	3,754	2,661	450	643	4,281
(*x*) Do. No. 2 ...	9,889	4,434	1,368	4,087	4,398
(*xi*) Pumping Station, Jacob Circle ...	37,087	32,480	40	4,567	19,064
(*xii*) Pumping Station, Dharavi ...	4,736	3,552	150	1,034	3,417
(*c*) Purification Works ...	1,60,888	1,09,059	17,992	33,837	1,32,754
(*d*) Compressor Stations in the City—					
(*i*) Compressor Station, Colaba ...	47,365	39,147	2,237	5,981	41,534
(*ii*) Compressor Station, Victoria Gardens, Fergusson Road and Warden Road ...	1,61,284	1,31,067	20,743	9,474	1,43,425
(*e*) Flood Gates ...	15,111	4,907	7	10,197	7,589
	7,25,979	5,64,260	47,022	1,14,697	6,19,475
C.—Supervision of Factories, Workshops and Workplaces ...	7,884	7,768	...	116	7,795
D.—Transport—					
(1) Inspection and Supervision ...	20,611	19,497	...	1,114	20,053
(2) Upkeep of Motor Cars of His Worship the Mayor, Committee Members and the Municipal Commissioner—					
(1) Upkeep of Motor Car of His Worship the Mayor ...	4,695	4,273	50	372	6,098
(2) Upkeep of Motor Car of the Committee Members ...	1,205	962	10	233	1,348
(3) Upkeep of Motor Car of the Municipal Commissioner ...	3,580	3,136	...	444	3,704
(3) Upkeep of S. S.'s Motor ...	767	79	500	188	833
(4) (*a*) Upkeep of H. O.'s Motor (*b*) Upkeep of C.E.'s Motor ...	6,514	5,358	506	650	4,843
(5) Upkeep of Motor Hearses ...	9,894	9,212	105	577	9,596
(6) Upkeep of Motor Ambulances ...	23,016	19,195	650	3,171	18,005
(7) Removal of Town Refuse to Tardeo for Transport to Deonar ...	6,80,107	6,29,066	7,800	43,241	6,21,194
(8) Upkeep of motor silt wagons ...	35,981	24,873	1,350	9,758	24,001
(9) Halalkhore service ...	38,220	32,042	153	6,025	37,426
(10) Removal of Encroachments on Public Streets ...	11,026	9,216	127	1,683	10,526
(11) Markets and Slaughter Houses—					
(1) Disposal of offal ...	30,852	20,682	235	9,935	22,691
(2) Meat carriage ...	1,20,867	1,00,912	5,300	14,655	1,08,083
(12) Maintenance of Oil Filter ...	1,012	666	...	346	459
	9,88,347	8,79,169	16,786	92,392	8,88,860
	18,06,646	15,23,773	64,719	2,18,154	15,90,718
E.—Refrigerator ...	24,760	19,983	535	4,242	22,214
F.—Oiling and Greasing Surplus Machinery ...	100	...	...	100	...
New Works ...	28,807	3,009	22,500	3,298	...
Debt Charges ...	1,69,212	1,53,200	1,968	14,044	1,61,206
	20,29,525	16,99,965	89,722	2,39,838	17,74,138
Carried over Rs. ...	3,52,51,797	3,17,64,263	15 61,833	19,25,701	2,94,43,594

Appendix No. 4—(*Concluded.*)

EXPENDITURE.

Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final Grants compared with the Actuals		Actuals for 1944-45.
			Amount required to be renewed in 1946-47.	Savings.	
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	3,52,51,797	3,17,64,263	15,61,833	19,25,701	2,94,43,594
X.—Buildings, Land Acquisition and Management.					
A.—City Engineer's Central Office Establishment ...	1,10,118	1,00,328	2,984	6,806	1,10,985
B.—Inspection and Supervision of Private Buildings ...	2,48,114	2,27,377	3,652	17,085	2,32,603
C.—Architectural ...	81,768	70,689	612	10,467	70,906
D.—Land Acquisition and Management ...	79,737	59,344	7,179	13,214	54,906
	5,19,737	4,57,738	14,427	47,572	4,69,400
Deduct—Proportionate share of cost of Establishment, and Supervision chargeable to Improvement Schemes	50,800	6,788	...	44,012	7,657
	4,68,937	4,50,950	14,427	3,560	4,61,743
New Works ...	6,139	...	6,139	...	67
Debt Charges ...	18,32,799	18,07,133	20,983	4,683	18,13,102
	23,07,875	22,58,083	41,549	8,243	22,74,912
XI.—Fire Brigade.					
Maintenance ...	4,60,394	3,67,768	55,202	37,424	3,22,124
Provident Fund and Pension, etc., charges ...	1,72,710	1,38,958	17,000	16,752	1,07,775
Proportion of General Supervision and Collection of Revenue ...	30,162	27,186	1,487	1,489	25,607
New Works ...	1,932	1,100	714	118	37
Debt Charges ...	74,527	68,455	4	6,068	74,295
	7,39,725	6,03,467	74,407	61,851	5,29,838
XII.—Licensing and Removal of Encroachments on Public Streets.					
A.—Licensing Establishment ...	1,10,417	1,06,422	1,659	2,336	1,00,612
B.—Removal of Encroachment on Public Streets ...	53,020	50,393	432	2,195	48,871
C.—Administration of Shops and Establishment Act 1939 ...	58,004	53,695	455	3,854	48,287
New Works ...	1,363	150	...	1,213	50
	2,22,804	2,10,660	2,546	9,598	1,97,820
XIII.—Gardens and Open Spaces.					
A.—Gardens—					
(*a*) Victoria Gardens ...	1,69,275	1,54,185	9,015	6,075	1,62,918
(*b*) Miscellaneous Gardens, Open Spaces, Band Stands, etc. ...	75,497	59,848	3,426	12,223	53,877
	2,44,772	2,14,033	12,441	18,298	2,16,795
B.—New Gardens, Recreation Grounds, etc. ...	16,860	10,490	5,168	1,202	6,774
New Works ...	27,767	5,210	8,047	14,510	9,797
Debt Charges ...	2,10,810	2,10,565	213	32	2,16,017
	5,00,209	4,40,298	25,869	34,042	4,49,383
XIV.—Markets and Slaughter Houses.					
A.—Markets and Slaughter Houses—					
(*a*) Central Office ...	39,597	38,511	...	1,086	38,654
(*b*) Municipal Markets ...	2,39,037	2,04,143	18,717	16,177	1,79,399
(*c*) Slaughter Houses ...	2,56,145	2,31,512	8,574	16,059	2,49,689
	5,34,779	4,74,166	27,291	33,322	4,67,742
Provident Fund and Pension, etc., charges ...	46,150	32,317	9,500	4,333	28,787
Proportion of General Supervision ...	32,739	25,799	3,647	3,293	22,924
New Works ...	36,926	6,528	11,968	18,430	4,963
Debt Charges ...	1,95,219	1,93,632	...	1,587	1,95,213
	8,45,813	7,32,442	52,406	60,965	7,19,629
XV.—Contribution towards Improvement Schemes ...	28,36,601	28,36,497	...	104	27,26,785
XVI.—Provident Fund, Pensions, Gratuities and Compassionate Allowances.					
A.—Provident Fund ...	6,94,500	5,37,685	50,000	1,06,815	4,74,606
B.—Pensions, Gratuties, etc. ...	6,81,012	6,53,917	15,000	12,095	6,38,452
	13,75,512	11,91,602	65,000	1,18,910	11,13,058
XVII.—Urban Immovable Property Tax (on Municipal Properties in the City) ...	55,500	45,423	500	9,577	46,328
XVIII.—Dearness Allowance ...	43,32,913	42,86,690	31,500	14,723	34,60,430
XIX.—Grants-in-aid to Public Institutions ...	4,44,970	3,00,170	1,26,040	18,760	2,63,574
XX.—Measures for Civil Defence ...	3,07,773	1,43,407	63,286	1,08,080	69,936
XXI.—Post-war Reconstruction Fund ...	45,00,000	45,00,000	...	...	...
Total ...	5,37,21,492	4,93,13,002	20,44,936	23,63,554	4,12,95,287

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK
Ag. Municipal Commissioner.

Appendix No. 4A.

Statement showing the actuals for Measures for Civil Defence as Compared with the Final Grants for 1945-1946.

Item	Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final grants compared with the Actua		Actuals up to 31-3-45.
				Amount required to be renewed during 1946-47.	Savings.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ARTICLE I	Rs.	Rs.	Rs.	Rs.	Rs.
	(*Government will bear the entire cost of the following items*).					
(i)	Staff appointed to work out the Water Rationing Scheme ...	...	...			15,922
(ii)	(1) Provision of static tanks for fire-fighting purposes ...					3,15,027
	(2) Maintenance and upkeep of static tanks ...					536
	(3) Compensation for lands requisitioned for static tanks ...	1,000	8,264			35,683
	(4) Raising the existing barbed wire fencing etc., of statictanks					8,356
	(5) Sign boards for Static Tanks ...					5,197
	Total ...	1,000	8,264			3,64,799
(iii)	*Organisation of Rest Camps.*					
	Under City Engineer.					
	(1) Construction of blast and splinter proof walls ...		Cr. 457			16,700
	Under Director of Rest Camps.					
	(2) Cost of Rest Camps ...					15,602
	Total ...		Cr. 457			32,302
(iv)	AUXILIARY FIRE SERVICE					
	Under City Engineer.					
	(1) Construction of blast and splinter proof walls. ...					41,241
	(2) Providing electric lights, etc., at Byculla Terrace ...		...			4
	(3) Colour washing at Byculla Terrace ...		...			1
	(4) Construction of R.C.C. Cisterns for drill purposes at Naigaum Fire Brigade Station at an estimated cost of Rs. 628 (proportionate cost provided here) ...		...			...
	(5) Asbestos sheets for A.R.P. sheds ...					730
	(6) Structural protection to the buildings requisitioned for A.F.S. personnel at (1) Shivaji Park; (2) Chawl No. 7, Tejukaya Estate; (3) Byculla Terrace, Haines Road; (4) Tardeo Mansion No. II, Chakti Wadi and (5) Boyce House, Gowalia Tank ...		...			799
	(7) Providing a stand-post hydrant at Chaktiwadi, Tardeo ...		...			165
	(8) Providing bamboo matting to A.F.S. shed at Memonwada and Naigaum ...	82,432	58,341			652
	(9) Water fittings at A.F.S. garrages atShivaji Park, Naigaum and Byculla. ...					1,661
	(10) Construction of a Motor garrage at Colaba Market ...					793
	(10) *a* Construction of a temporary structure to accomodate vehicles of A.F.S. ...					5,813
	Under O.C.F.S.					
	(11) Cost on account of recurring charges of Auxiliary Fire Service staff ...					2,35,466
	(12) Cost in connection with compensation payable for premises requisitioned for accommodating fire appliances and crews					Cr. 44
	(13) Cost of separate Telephone line installed at the Central Fire Brigade Station at Byculla at an estimated cost of Rs. 192 (Moiety of cost provided here) ...		...			96
	(14) Cost of deputation of the O. C. F. S. in connection with his visit to Calcutta ...		...			449
	(15) Rent of Byculla Terrace ...					4,236
	Total ...	82,432	58,341			2,92,062
(v)	Rescue Service ...	...	...			...
(vi)	Provision of extra beds at hospitals (including K.E.M. Hospital) ...	...	...			688
(vii)	Supply and distribution of sand bags ...		242			50,619
(viii)	Survey for the purpose of giving advice to owners regarding protection of private buildings ...	...	...			1,36,545
(ix)	Fire Brigade equipment ...	...	...			...
(x)	Provision of aids to movement in darkened streets ...		r. 7, 69			3,09,739
(xi)	Civilian war deaths organization and recording and notification of casualties ...	...	...			...
(xii)	First Aid Posts—					
	(1) Construction of blast and splinter proof walls ...		126			5,637
	(2) First Aid Post for animals and store-room for A.R.P. equipments at Bandra Slaughter House ...	...				...
	(3) Construction of a temporary garage for the First Aid Mobile post at the K.E.M. Hospitals ...					2,273
	(4) Sand bags walling for first-aid posts on behalf of Government					...
	Total ...	...	126			7,910
	Article I—Carried over ...	83,432	58,907			12,10,586

Appendix No. 4A—(*continued.*)

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46	Final Grants Compared with the Actuals.		Actuals up-to 31-3-45
				Amount required to be renewed in 1946-47	Savings	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Brought forward ...	Rs. 83,432	Rs. 58,907	Rs.	Rs.	Rs. 12,10,586
(*xiii*)	Ambulance vehicles, etc. (convoys) ...	...	...		...	...
(*xiv*)	Evacuation ...	...	...		...	20,004
(*xv*)	Miscellaneous works carried out on behalf of Government—					
	(*a*) Protection of Warden's Post, distribution of materials, such as A.R.P. Hints, Boards, etc. ...	...	...			17,152
	(*b*) Construction of blast and splinter proof walls at C.I.T. Quarters occupied by Police ...	...	528			8,370
	(*c*) Cost on account of running trolley placed at the disposal of District Superintendent of Police, Bombay Suburban District in connection with safeguarding the City's water supply ...	...	...			2,907
	(*d*) Providing Fire breaks	...	...			352
	(*e*) Providing feeding, etc., arrangements to the destitutes from Bengal. ...	...	...	...	...	15,402
	(*f*) Supply of information regarding deaths in the City to the Controller of Rationing ...	...	952	...	...	1,825
	Total ...	...	1,480	...	..	46,008
(*xvi*)	Fire Watching Organisation ...		...	...	...	2,11,494
	Total—Article I ...	83,432	60,387	...	...	14,88,092
	ARTICLE II					
	(*The Municipality will bear the entire cost of the following items*)					
(*i*)	Protection of Municipal property, except water supply, sewerage and fire stations "Municipal Property" includes buildings of which the Municipality is the landlord in so far as it is liable qua landlord—					
	(1) Construction of blast and splinter proof walls ...	1,56,555	1,29,363	27,000	192	2,10,981
	(2) Providing silt trenches at Victoria Gardens ...	...	...	...	...	266
	(3) Extra-allowance to peons in City Engineer's Department	...	...	...	...	48
	(4) Cost of staff appointed in Chief Accountant's Department	...	...	...	...	16,211
	(5) Cost of a Head Clerk's post in Architectural Branch ...	...	...	...	...	1,628
	(6) A.R.P. Measures at Municipal Schools ...	...	...	...	...	1,905
	(7) Construction of baffle walls, etc., for Municipal buildings let to tenants and Municipal Markets, Schools, etc. ...	...	...	...	...	4
	(8) War Risk Insurance in respect of Municipal Plant and Machinery ...	10,495	5,246	...	5,249	1,03,831
	(9) Telephone Attendants at Ward Offices ...	...	...	...	...	26,495
	(10) Special pay to Temporary Assistant Engineer, II Grade (A.R.P.) ...	...	...	...	...	1,129
	(11) Labour on A.R.P. works ...	...	...	...	...	77,353
	(12) Clothing for 25 drivers provided under labour above ...	...	...	...	...	...
	(13) Contingencies (Printing, Stationery, etc.) ...	...	...	...	...	133
	(14) Special pay to Telephone Operator at M.C's. Office ...	...	...	...	...	...
	(15) War Injuries Insurance in respect of Municipal employees	...	...		...	7,025
	(16) Overtime allowance to H.E's. staff for attending A.R.P. rallies. ...	...	...	...	...	...
	Cost of a Special Clerk under A.E. Arch. ...	1,020	1,020	...	...	1,033
	Total ...	1,68,070	1,35,629	27,000	5,441	4,48,042
(*ii*)	Materials including plant equipment (excluding fire brigade equipment) which will be of use to the Municipality after the termination of the war, whether or not it costs more to purchase at the present time—					
	(1) Protection of sewerage system—					
	(*a*) Materials ...	...	...	...	...	30,908
	(*b*) Purchase of coal ...	...	...	...	...	...
	(*c*) Machinery for Compressor Stations ...	...	...	...	...	20
	(2) Protection of City's Water Supply (out of the Revised Estimate of Rs. 5,03,915) ...	...		...	...	10,938
	(3) Transport scheme ...	...	...	...	...	14,266
	(4) Purchase of Safe for keeping documents ...	...	...	...	...	1,705
	(5) Purchase of materials from Messrs. Shivlal & Chimanlal...	...	Cr. 1,365	...	1,365	7,809
	(6) Purchase of typewriter for Hydraulic Engineer's Department ...	...	...	...	...	575
	(7) Purchase of two pieces of hose pipes for petrol pump ...	...	...	...	...	2,230
	(8) Purchase of empty drums for storing petrol ...	...	...	...	...	800
	(9) Purchase of 3 H.P. Motors for Dadar Purification Works ...	...	...	...	...	2,145
	(10) Supply of petrol tanks and mounting them on chassis ...	...	...	...	...	7,050
	(11) A.R.P. requirements at K.E.M. Hospital ...	...	...	...	...	19,306
	(12) Purchase of 100 cycles	600	Cr. 85	600	85	4,604
	(13) Purchase of additional 100 cycles and stirrup pumps	...	...	...	...	Cr. 2,959
	(14) Cost of 800 hobblers for securing animals ...	...	...	...	...	...
	(15) Purchase of crowbars for Victoria Gardens ...	...	...	...	...	201
	(16) Scantling for lions' cages at Victoria Gardens ...	...	...	...	...	...
	Total ...	600	Cr. 1,450	600	1,450	99,598
	Article II—Carried over ...	1,68,670	1,34,179	27,600	6,891	5,47,640
	Carried over ...	83,432	60,387	...	...	14,88,092

Appendix No. 4A—(*Continued.*)

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final grants compared with the Actuals. Amount required to be renewed in 1946-47.	Savings.	Actuals up to 31-3-1945.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	83,432	60,387	...	...	14,88,092
	Article II—Brought forward ...	1,68,670	1,34,179	27,600	6,891	5,47,640
(ii)	Equipment of Municipal personnel, e.g., steel helmets, respirator badges, etc.—					
	Under City Engineer.					
	(1) Steel helmets, replacing damaged badges and embossing Municipal Crest Dye on badges, etc. ...	...	...	...	...	48,836
	Under Hydraulic Engineer.					
	(2) 1,300 Armlets, etc., for the Hydraulic Engineer's staff ...	...	...	...	...	521
	Total ...	...	...	...	...	49,357
(iv)	Lighting restrictions ...	...	...	...	...	...
(v)	Measures for the protection of Municipal staff, excluding structural protection and rent of buildings requisitioned for the period of the war in connection with Municipal purposes, *e.g.*, for housing Municipal staff ...					
	(1) Conveyance charges to Municipal officers for taking First Aid Classes ...	...	...	...	...	6
	(2) Rent payable on account of occupation of Byculla Terrace and Vazir Building. ...	4,875	...	3,900	975	10,352
	(3) Structural protection to quarters occupied by Fire Brigade crews. ...	3,767	164	3,600	3	4,682
	(4) Cost of A.R.P. sheds ...	...	...	...	...	506
	(5) Cost of 5,000 A.R.P. sheds ...	...	...	...	...	1,250
	(6) Providing foods, etc., arrangement to Municipal staff of essential service.	...	...	...	...	980
	Total ...	8,642	164	7,500	978	17,776
	Total—Article II ...	1,77,312	1,34,343	35,100	7,869	6,14,773
	ARTICLE III					
	(Government and the Municipality will share equally the cost of the following items, excluding vide Article II (ii); the cost of certain plant and equipment which will be of use to the Municipality after the war).					
(i)	Structural protection of water supply—					
	(1) Structural protection of vital structures (out of the revised estimates of Rs. 5,03,915) ...	...	...	...	...	49,283
	(2) Recurring charges (out of the revised estimates of Rs. 5,03,915) ...	...	...	...	...	1,02,911
	(3) Extra allowance to employees of water works for A.R.P. work outside office hours during March and April 1942 ...	...	...	...	...	27
	Total ...	...	...	...	...	1,52,221
(ii)	Structural protection of sewerage—					
	(1) Protective measures at pumping, etc., stations (construction of blast and splinter proof walls out of the estimates of Rs. 5,68,560) ...	6,310	1,388	2,400	61	25,713
	(2) Bye-pass connections (out of the estimates of Rs. 5,68,560)	...	...	...	...	3,903
	(3) Establishment cost on account of Telephone Attendants at Municipal Workshops ...	...	...	...	...	1,308
	Total ...	6,310	1,388	2,400	61	30,924
(iii)	Structural protection of Fire Brigade Stations—					
	(1) Protective works against blasts and splinters ...	7,000	314	3,000	343	21,502
	(2) Cost of a separate telephone exchange line installed at Central Fire Brigade Station at a cost of Rs. 192 (moiety of cost provided here) ...	350	...	...	175	750
	Total ...	7,350	314	3,000	518	22,252
(iv)	Structural protection and rent of buildings requisitioned for the period of the war in connection with Municipal purposes, *e.g.*, for housing Municipal staff—					
	(1) The scheme of protection of City's water supply (out of the revised estimates of Rs. 5,03,915) ...	...	...	...	...	28,914
	(2) Construction of blast and splinter proof walls ...	21,148	Cr. 94,896	7,000	51,022	1,6,521
	(3) Rent of premises requisitioned for O.C.F.S. ...	3,600	3,589	...	5	9,921
	(4) Purchase of food-grains for Labour Camps in case of emergency ...	...	...	...	...	1,608
	(5) Rent of buildings, etc., requisitioned ...	2,14,302	1,05,558	15,000	39,372	5,74,054
	(6) Rent of telephone at Labour Camps and at the residences of Municipal Officials ...	328	...	...	164	9,427
	(7) Staff to supervise the buildings requisitioned ...	1,645	738	453	...	...
	(8) Cost on account of occupation of 3 stations at (1) Shivaji Park; (2) Supari Baug and (3) Tardeo by A.F.S. and B.F.B. staff and equipment, etc.	4,240	3,573	333	1	18,777
	(9) Repairs to Byculla Terrace ...	...	...	...	...	1,116
	Total ...	2,45,263	18,562	22,786	90,564	8,11,338
	Article III—Carried over ...	2,58,923	20,264	28,186	91,143	10,16,735
	Carried over ...	2,60,744	1,94,730	35,100	7,869	21,02,865

Appendix No. 4A—(*Concluded.*)

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final grants compared with the Actuals		Actuals up to 31-3-45.	
				Amount required to be renewed in 1946-47.	Savings.		
(1)	(2)	(3)	(5)	(4)	(5)	(6)	
	Brought forward ...	Rs. 2,60,744	Rs. 1,94,730	Rs. 35,100	Rs. 7,869	Rs. 21,02,865	
	Article III—Brought forward ...	2,58,923	20,264	28,186	91,143	10,16,735	
(*v*)	Water Rationing Scheme, excluding (*vide* I(*f*) the cost of the staff appointed to work out the scheme) ...	2,000	992	...	505	1,33,692	
(*vi*)	Camouflage schemes for water supply undertakings ...	...	...	...	...	...	
(*vii*)	Opening and sinking of wells—						
	Under Health Officer.						
	(1) Examination of samples and treatment of well water ...	...	...	...	...	86,326	
	Under Hydraulic Engineer.						
	(2) Opening and sinking tube wells as per details below—						
	(*a*) Construction of pump cabins ...	...	...	...	...	10,686	
	(*b*) Purchase of 10 pumping sets (Rs. 5,750) and construction of 10 storage tanks (Rs. 27,000) ...	...	...	...		27,000	
	(*c*) Provision of electrical service connections ...	...	...	...	...	2,376	
	(*d*) Opening of existing closed wells including establishment ...			...		4,56,226	
	(*e*) Sinking tube wells including establishment ...	...	...	...	...	34,848	
	(*f*) Dewatering of wells including establishment ...	...	...	...	...	33,498	
	(*g*) Provision of sign boards for location of wells. ...	...	...	...	...	9,375	
	(*h*) Excavating of additional 60 closed wells in the City ...	...	...	...	...	1,36,413	
	(*i*) Work of removal of surplus debris from reopened wells ...	...	...	...	...	12,768	
	Total ...	...	...	...	...	8,09,516	
(*viii*)	Prevention of spread of epidemics arising out of damage by air raids to sanitary services ...	...	...	...	...	...	
(*ix*)	Corpse disposal ...	...	Cr. 3,127	...	1,563	10,648	
(*x*)	Clearance of debris ...	...	...	...	...	178	
(*xi*)	Repairs of slightly damaged buildings ...						
(*xii*)	Extensive demolitions and demolitions involving the use of explosives.						
	Total—Article III ...	2,60,923	18,129	28,186	93,211	19,70,769	
	Total ...	5,21,667	2,12,859	63,286	1,01,080	40,73,634	

SUMMARY

	Final Grants		Actuals		Balance		Municipality.	
	Government	Municipality	Government	Municipality	Government	Municipality	Amount required to be renewed in 1946-47	Savings.
	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.
Article I	83,432	...	60,387	...	23,045	...	...	...
Article II	...	1,77,312	...	1,34,343	...	42,969	35,100	7,869
Article III	1,30,462	1,30,461	9,065	9,064	1,21,397	1,21,397	28,186	93,211
Total ...	2,13,894	3,07,773	69,452	1,43,407	1,44,442	1,64,366	63,286	1,01,080

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 5.

Revenue Account Balance Sheet as at 31st March 1946.

LIABILITIES.		Rs.
Debts—		
Due on Cash Bills Outstanding Account	...	41,045
,, Cheques payable	...	12,46,738
,, Stores purchased, Outstanding Accounts	...	91,236
,, Outstanding Charges for 1944-45 and previous years	...	20,44,936
,, Outstanding Charges on account of Interest accrued but not paid (*Vide* details shown in Appendix No. 14-E)	...	9,43,530
Improvement Schemes—		
Contribution falling due in 1945-46	...	29,30,715
Deposits in Cash and Public Securities from Contractors and private parties (*Vide* details shown in Appendix No. 14-C)	...	1,73,11,996
		2,46,10,196
Public Monuments Maintenance Fund (*vide* details shown in Appendix No. 16-B)	...	1,70,631
Endowments Fund (*vide* details shown in Appendix No. 16-C)		4,49,690
		6,20,321
Stock Account—		
Capital Purchases Account, etc.	...	11,568
Stock Adjustment Account	...	20
		11,588
Special Funds as at 31st March 1946—		
Fire and Accident Insurance Fund	...	12,82,286
Net Premia Fund	...	47,25,151
Provident Fund	...	2,53,80,010
Fines Fund	...	5,53,325
Plant and Machinery Depreciation Fund	...	17,95,174
Renewal of Road Surfaces Fund	...	28,65,177
Garden Fund	...	1,08,333
Hospital Fund	...	8,19,998
Land Sales Reserve Fund	...	14,90,586
Slum Service Fund	...	1,80,617
K. E. M. Hospital and G. S. M. College Equipment Fund	...	1,34,777
G. S. M. College and K. E. M. Hospital Research Fund	...	84,703
Precast Concrete Slab Pavements Renewal Fund	...	66,172
Fidelity Guarantee Insurance Fund	...	26,199
Postwar Reconstruction Fund	...	55,00,000
		4,50,12,508
Carried Forward	...	7,02,54,613

ASSETS.		Rs.
Cash at Bank	...	74,89,334
Cash in Office	...	2,30,389
Municipal Loans—Interest warrants Payable Account	...	32,505
B. I. Trust Loans—Interest warrants Payable Account	...	7,945
Interest on B. I. Trust Loans Payable Account	...	6,139
		77,66,312
Debts—		
Due for Stores sold	...	49,205
Stock—(*Vide* Appendix No. 14-D)		
Stock (Reserve Stores)	...	8,93,534
Line Suspense Account	...	77,925
		9,71,459
Capital Stores—		
Stock	...	2,95,844
	...	12,67,303
Plant and Machinery	...	20,90,326
Advances, Recoverable—(*Vide* Appendix No. 14-A)		
Departmental Works	...	6,66,281
Private Works	...	4,09,691
Asphalt Plant Crushers, etc.	...	3,05,483
Municipal Officers	...	28,499
Sundries—Miscellaneous—Advances	...	1,74,893
Municipal Tenderers, Contractors, etc.	...	18,818
Purchase of Coal	...	14,072
Purchase of Petrol	...	Cr. 14,575
		16,03,162
Advances out of Special Funds—(*Vide* Appendix No. 14-B)		
Advances from Plant and Machinery Depreciation Fund for Purchase of Plant and Machinery	...	49,840
Levelling, Metalling etc., Private Streets	...	43,188
Amount advanced from Fines Fund to N. Coombs, Esq., O.C.F.S., for conducting a grain store at Byculla for Fire Brigade Staff	...	5,000
Advances to lowpaid Municipal employees out of Fines Fund	...	2,737
Amount advanced from Net Premia Fund for the purchase of Plant and Machinery for the Municipal Printing Press		1,34,765
Advance for meeting Capital Expenditure from :—		
Municipal Fire and Accident Insurance Fund	...	3,66,045
Plant and Machinery Depreciation Fund	...	9,47,393
Renewal of Road Surfaces Fund	...	7,93,789
Net Premia Fund	...	16,66,200
Land Sales Reserve Fund	...	14,90,586
		54,99,543
Deposits in Public Securities—		
With the Imperial Bank of India	...	16,59,200
In Office	...	58,65,900
Carried Forward	...	2,58,00,951

Appendix No. 5.—(*Concluded.*)

LIABILITIES.	Rs.	ASSETS.			Rs.
Brought forward ...	7,02,54,613	Brought forward ...			2,58,00,951
Surplus Revenue Fund as per Appendix No. 2. ...	95,57,847		In securities.	Deposits in Cash, Fixed & Current a/c.	
		Investments—Special Funds.*	Rs.	Rs.	
		Municipal Fire and Accident Insurance Fund ...	9,16,146	95	9,16,241
		Net Premia, etc., on different Municipal Loans ...	25,95,266	3,28,920	29,24,186
		Provident Fund ...	2,53,79,840	170	2,53,80,010
		Fines Fund ...	5,45,467	121	5,45,588
		Plant and Machinery Depreciation Fund ...	7,54,552	201	7,54,753
		Renewal of Road Surfaces Fund ...	20,71,370	19	20,71,389
		Garden Fund ...	1,08,029	304	1,08,333
		Hospital Fund ...	8,19,787	211	8,19,998
		Land Sales Reserve Fund ...	...	...	...
		Slum Service Fund ...	1,80,400	217	1,80,617
		K.E.M. Hospital and G.S.M. College Equipment Fund...	1,34,629	148	1,34,777
		G. S. M. College and K. E. M. Hospital Research Fund ...	84,514	189	84,703
		Precast Concrete Slab Pavements Renewal Fund ...	66,100	72	66,172
		Fidelity Guarantee Insurance Fund ...	26,082	117	26,199
		PostwarReconstructionFund	...	55,00,000	55,00,000
			3,36,82,182	58,30,784	3,95,12,966
		Investment of Surplus moneys in Public Securities.			
		3½% G. P. Notes† ...	18,351	...	18,351
		Public Monuments Maintenance Fund.			
		(*Vide* Appendix No. 16-B) ...	1,70,631		1,70,631
		Endowments Fund.			
		(*Vide* Appendix No. 16-C) ...	4,49,398	292	4,49,690
		Surplus Fund.	Face value.	Actual cost.	
		4% Govt. Loan 1960-70 ...	25,900	24,097	
		3½% G. P. Notes ...	64,68,100	65,25,065	
		4% B.I.T. Debentures ...	16,900	15,741	
		3½% Govt. Loan 1947-50 ...	38,06,600	39,39,751	
		3% Municipal Debentures ...	4,20,500	4,20,500	
		3½% Municipal Debentures ...	11,10,300	11,10,300	
			1,18,48,300	1,20,35,454	
		In cash, fixed and current a/c. Deposits ...		18,24,417	1,38,59,871
Total ...	7,98,12,460	Total ...			7,98,12,460

* For Face, Purchase and Market Values of each kind of securities held in the Special Funds, please see Appendix No. 16.
† In respect of permanent deposits from lessees.

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

APPENDIX No. 6.

Statement of Special Funds for 1945—46.

Municipal Fire and Accident Insurance Fund.*

(Corporation Resolution No. 4572, dated the 4th October 1888, Corporation Resolution No. 4479, dated the 5th October 1914, Corporation Resolution No. 5408, dated the 21st September 1922, Standing Committee Resolution No. 3451, dated the 2nd July 1924, and Corporation Resolution No. 13888, dated the 18th February 1926).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		12,29,064 12 8
Contributions for the year ...		6,199 4 0
Interest realised during the year ...		47,256 4 0
Expenditure incurred during the year ...	234 5 0	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5—		
Rs. a. p.		
Amount advanced for financing Capital Expenditure 3,66,044 14 0		
Amount held in Securities and Cash ... 9,16,241 1 8		
	12,82,285 15 8	
Total ...	12,82,520 4 8	12,82,520 4 8

* Accumulations in the fund are allowed to Rs. 16 lakhs under C. R. No. 297 of 8-7-1943.

Worn-out Water Mains Renewal Fund.

(Standing Committee Resolution No. 12512, dated the 22nd February 1893 and Corporation Resolution No. 13406, dated the 9th March 1893).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		1,788 13 3
Interest realised during the year ...		56 12 0
Expenditure incurred during the year ...	Cr. 15 5 0	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 7. ...	1,860 14 3	
Total ...	1,845 9 3	1,845 9 3

Net Premia Fund.

(Corporation Resolution Nos. 5294, dated the 19th November 1888, No. 9222, dated the 11th December 1893 and No. 5179, dated the 15th November 1906 and Standing Committee Resolution No. 3343, dated the 28th August 1907).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		47,24,889 11 7
Sale of water-marked paper ...		261 3 0
Amount transferred to meet repayment of Loans during the year ...		
Purchase of water-marked paper ...		
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5—		
Rs. a. p.		
Amount advanced for financing Capital Expenditure 16,66,200 0 6		
Amount advanced for purchase of Plant and Machinery for Municipal Printing Press pending adjustment against the provisions for depreciation in subsequent years ... 1,34,765 2 0		
Amount held in Securities, Cash and Fixed deposit... 29,24,185 12 1		
	*47,25,150 14 7	
Total ...	47,25,150 14 7	47,25,150 14 7

* Out of this, Rs. 20,77,691 belong to Water Works Account.

Fines Fund.

(Corporation Resolution No. 1217 of 12th May 1919).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		5,55,945 11 6
Interest realised during the year ...		19,217 6 0
Net Recoveries of fines during the year.		
Loss on Conversion of Securities ...	226 11 0	29,692 2 0
Expenditure during the year ...	51,304 2 4	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5—		
Rs. a. p.		
Amount advanced to N. Coomba Esqr., O. C. F. S. for conducting a grain store at Byculla for Fire Brigade staff ... 5,000 0 0		
Advances to Municipal Employees as sanctioned under C.R. No. 15 of 9-4-42 ... 2,736 11 0		
Amount held in Securities and Cash ... 5,45,587 11 2	5,53,324 6 2	
Total Rs. ...	6,04,855 3 6	6,04,855 3 6

Plant and Machinery Depreciation Fund.

(Corporation Resolution No. 5533 of 1st September 1924).

	Dr. Rs. a. p	Cr. Rs. a. p.
Balance on 1st April 1945 ...		17,43,784 12 9
Amount of depreciation on plant and machinery credited to Fund account during the year ...		57,911 5 0
Expenditure on purchase of Plant and Machinery for replacement	6,060 0 0	
Cost of Plant & Machinery written off ...	461 11 0	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5— Rs. a. p.		
Amount advanced for financing Capital Expenditure 9,47,393 7 0		
Amount advanced for purchase of Plant and Machinery pending adjustment against provisions for depreciation in subsequent years— Rs. a. p.		
Balance on 1-4-1945 ... 68,064 5 0		
Less-Depreciation adjusted during the year ... 18,224 0 0		
49,840 5 0		
Amount advanced for meeting expenditure on levelling, metalling, etc., Private Streets 43,187 9 5		
Amount held in Securities and Cash ... 7,54,753 1 4		
	17,95,174 6 9	
Total ...	18,01,696 1 9	18,01,696 1 9

Renewal of Road Surfaces Fund.

(Corporation Resolution No. 774 of 27th April 1925).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		29,12,391 6 5
Interest realised during the year ...		1,10,835 4 0
Contribution from Revenue during the year.		60,208 0 0
Expenditure incurred during the year. ...	2,18,257 5 0	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5—		
Rs. a. p.		
Advance for financing Capital Expenditure ... 7,93,788 12 0		
Amount held in Securities and Cash ... 20,71,388 9 5	28,65,177 5 5	
Total Rs. ...	30,83,434 10 5	30,83,434 10 5

Garden Fund.

(Corporation Resolution No. 912, of 1st May 1930).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		97,544 2 6
Recoveries during the year ...		17,102 1 6
Interest realised during the year ...		3,839 14 0
Expenditure during the year ...	10,152 14 0	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	1,08,333 4 0	
Total Rs. ...	1,18,486 2 0	1,18,486 2 0

Levelling, Metalling, etc., Private Streets Fund.

(Corporation Resolution No. 9427 of 23rd January 1922 and Corporation Resolution No. 11147 of 7th January 1926).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Expenditure incurred out of the amount advanced from Plant and Machinery Depreciation Fund as on 1st April 1945 ...	56,727 10 5	
Expenditure during the year ...	11 3 0	
Recoveries on account of expenditure during the year ...		15,118 12 9
Interest charges during the year ...	2,683 1 0	1,115 8 3
Advance from Plant and Machinery Depreciation Fund as at 31st March 1946 ...		43,187 9 5
Total Rs. ...	59,421 14 5	59,421 14 5

Public Monuments Maintenance Fund.

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		1,70,630 13 0
Donations received during the year ...		
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	1,70,630 13 0	
Total Rs. ...	1,70,630 13 0	1,70,630 13 0

Endowments Fund.

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		3,38,910 1 8
Interest, Bonus, etc., invested during the year and donations received ...		1,10,780 1 0
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	4,49,690 2 8	
Total Rs. ...	4,49,690 2 8	4,49,690 2 8

APPENDIX No. 6—(*Concluded.*)

Statement of Special Funds 1945-1946.

Hospital Fund.
(Corporation Resolution No. 497 of 15th November 1934).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		6,98,508 7 2
Donations received during the year ...		1,21,489 14 0
Expenditure incurred during the year ...	...	...
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	8,19,998 5 2	
Total ...	8,19,998 5 2	8,19,998 5 2

Lands Sales Reserve Fund.
(Corporation Resolution No. 705 of 19th December 1935).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		19,95,849 12 2
Amount transferred to make good the deficit in the amount of Rs. 10 lakhs to be credited to Revenue on account of sale proceeds of surplus land during the year ...	5,65,139 10 9	
Interest realized during the year ...	...	59,875 8 0
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5:—		
Rs. a. p.		
Advance for financing Capital Expenditure 14,90,585 9 5		
Amount held in securities and Cash. ...		
	14,90,585 9 5	
Total ...	20,55,725 4 2	20,55,725 4 2

Slum Service Fund.
(Corporation Resolution No. 930 of 27th February 1936).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		1,75,309 4 3
Interest realized during the year ...		5,308 0 0
Expenditure during the year ...	...	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	1,80,617 4 3	
Total ...	1,80,617 4 3	1,80,617 4 3

Post-War Reconstruction Fund
Corporation Resolution No. 155 of 8th May 1944

	Dr. Rs. a. p.	Cr. Rs. a. p.
Amount transferred from Revenue during the year ...		55,00,000 0 0
Balance on 31st March 1946 as per Balance Sheet Appendix No. 5	55,00,000 0 0	
	55,00,000 0 0	55,00,000 0 0

K.E.M. Hospital and G. S. M. College Equipment Fund.
(Corporation Resolution No. 650 of 3rd December 1935).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		1,14,504 7 6
Contribution from Revenue for the year ...		20,272 4 0
Expenditure during the year ...		
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	1,34,776 11 6	
Total ...	1,34,776 11 6	1,34,776 11 6

G. S. M. College and K. E. M. Hospital Research Fund.
(Corporation Resolution No. 176 of 21st June 1937).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		68,687 0 11
Subsidy received from the C. P. Government during the year ...		16,000 0 0
Subsidy for reservation of Seats for the Indian Students from South & East Africa. ...		2,000 0 0
Interest realized during the year ...		2,484 3 0
Expenditure during the year ...	4,468 10 0	
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	84,702 9 11	
Total ...	89,171 3 11	89,171 3 11

Precast Concrete Slab Pavements Renewal Fund.
(Corporation Resolution No. 612 of 23rd November 1936).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		48,325 0 0
Contribution from Revenue during the year		17,847 0 0
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	66,172 0 0	
Total ...	66,172 0 0	66,172 0 0

Fidelity Guarantee Insurance Fund.
Corporation Resolution No. 1283 of 10th March 1941).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1945 ...		19,912 11 0
Net Recoveries during the year ...		5,604 3 0
Interest realized during the year ...		682 1 0
Balance on 31st March 1946 as per Balance Sheet, Appendix No. 5 ...	26,198 15 0	
Total ...	26,198 15 0	26,198 15 0

Provident Fund.
(Corporation Resolution No. 5598, dated the 7the September 1920)

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Balance on 1st April 1945				
Amount of Subscriber's Accounts—				
(1) Other than Trust and Schools Committee's employees ...	1,49,15,097 4 3			
Deduct—Net opening balance of accounts transferred to Trust Section ...	9,288 7 0	1,49,05,808 13 3		
(2) Trust employees	21,54,429 7 2			
Add—Net opening balance of accounts transferred from Municipal Sections...	9,288 7 0	21,63,717 14 2		
(3) Schools Committee's Employees	64,88,908 5 0	64,88,908 5 0		
(4) Excess Interest, Profit on sale of Securities, etc.		1,48,545 11 4		2,37,06,980 11 9
Receipts on account of Subscriptions and contribution during 1945-46 in respect of employees other than Trust and School Committee's Employees ...	18,66,368 12 0			
Deduct—Payments during the year	14,00,672 8 3	4,65,696 3 9		
Interest allowed on Provident Fund accounts of employees other than Trust and Schools Committee's employees	6,20,749 2 0			
Deduct—Payment during the year, ...	10,012 7 0	6,10,736 11 0		10,76,432 14 9
Payments on account of Subscriptions and Contributions during 1945-46 in respect of Provident Fund Accounts of Trust Employees	2,71,059 5 4			
Deduct—Recoveries during the year	2,54,311 6 0	Dr. 16,747 15 4		
Interest allowed on Provident Fund Accounts of Trust Employees	88,518 5 0			
Deduct—Payments during the year	2,455 3 0	86,063 2 0		69,315 2 8
Receipts on account of Subscriptions and Contributions during 1945-46, in respect of Provident Fund Accounts of Schools Committee's Employees ...	5,49,895 15 0			
Deduct—Payments	1,72,895 2 0	3,77,000 13 0		
Interest allowed on Provident Fund Accounts of Schools Committee's Employees. ...	2,70,643 13 0			
Deduct—Payments during the year	99,154 10 0	1,71,489 3 0		5,48,490 0 0
Net Interest on Provident Fund Investments realized during the year ...		9,58,702 0 0		
Deduct—Interest allowed at 4¼ per cent. per annum on Provident Fund Accounts				
(1) Employees other than Trust and Schools Committee's Employees ...	6,20,749 2 0			
(2) Trust Employees	88,518 5 0			
(3) Schools Committee's Employees	2,70,643 13 0	9,79,911 4 0		Dr. 21,209 4 0
Balance on 31st March 1946 as per Balance Sheet Appendix No. 5			2,53,80,009 9 2	
			2,53,80,009 9 2	2,53,80,009 9 2

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK.
Ag. Municipal Commissioner.

Appendix No. 7.

Capital Fund Balance Sheet as at 31st March 1946.

LIABILITIES.		Rs.	ASSETS.			Rs.
Loans Outstanding:—			**Block Account:—**			
Due to Government			**Loan Funds—**			
(*Vide* details as shown in Appendix No. (11)	...	4,24,76,114	Property and Assets at original cost as per Appendix No. 8.	Rs.	26,45,47,426	
Due to Public—			*Deduct*—Subventions granted for the conversion of privies into water closets, shown below		20,51,467	
(*Vide* details as shown in Appendix No. (11)	...	8,17,63,000			26,24,95,959	
Advances from Special Funds—			*Add*—Subventions granted for the conversion of privies into water-closets Rs. 22,96,575			
(*Vide* details as shown in Appendix No. (11)	...	52,64,013	*Deduct*—Expenditure written off Rs. 2,45,108	Rs.	20,51,467	26,45,47,426
		12,95,03,127	**Trust Fund—**			
Trust Fund Account—			Expenditure as per Appendix No. 8	...	...	42,97,294
Donation from Sir Currimbhoy Ebrahim for the construction of a Primary School Building—			**Worn-out Water Mains Renewal Fund—**			
Balance on 1st April 1945 Rs. 59,654			Expenditure as per Appendix No. 8	...	...	9,62,514
Interest ... ... „ 644		60,298				
Donation from Messrs. Thakordas and Co., Solicitors on behalf of their client Bai Kailasgavri for a General Public Dispensary in the vicinity of Mumbadevi	...	30,000				
		90,298				
Worn-out Water Mains Renewal Fund Account	...	1,861	**Municipal Land and Buildings Fund—**			
Surplus—			Land purchased and Buildings erected as per Appendix No. 8			43,03,044
CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES:—			Temporary advance to Development Fund	...	...	31,77,390
Sinking Fund on Loans	... ...	3,39,87,920	**Investments—**			
Loans Redemption Fund	... ...	12,04,73,481	**Sinking Fund—**			(*a*) 3,39,87,920
Premia on Loans	... ...	3,20,849	As per Appendix No. 10	... ...	...	
Contributions from Special Funds	... ...	8,03,171	**Loan and Trust Funds—**			
Do. Revenue for Loan Works Establishment		17,870		Face Value Rs.	Rate	Book Value Rs.
Do. G. I. P. Railway	... ...	3,74,000	3% Municipal Debentures,	2,23,400	par.	2,23,400
Do. Fort Trust	... ...	1,56,500	3½% Govt. Loan 1947-50	12,100	98-8-0%	11,919
Do. Government for Schools...	...	5,00,000		27,900	96%	26,784
Do. Government for widening the Love Grove Bridge	... ...	91,234		2,63,400		2,62,103
Do. Worn-out Water Mains Renewal Fund		9,62,514	In fixed Deposits	... ...	...	7,00,400
Do. Land and Buildings Fund	...	74,80,434	In Cash	... ...	...	90
Do. Development Fund	... ...	1,34,32,075				* 9,62,593
Do. Revenue towards Bai Jerbai Wadia Hospital for Children	...	7,00,000	**Special Fund—**			
Do. Trust Fund ...	... ...	42,97,294	Worn-out Water Mains Renewal Fund		...	...
		18,35,97,342	In Securities	... ...	...	Rs. 1,676
Deduct—			In Cash	... ...	...	185
Assets written off—						†1,861
Amount as on 31st March 1945 Rs. 8,56,228						
Additions during the year ... „ 96,358		9,52,586				
		18,26,44,756				
Grand Total	...	31,22,40,042				31,22,40,042

(*a*) For Face, Purchase and Market Values of Securities held in the Sinking Funds, please see Appendix No. 16-A.

* Inclusive of Rs. 90,298 on account of Trust Funds.

† For Face, Purchase and Market Values of Securities held in the Fund, please see Appendix No. 16.

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 8.

SUMMARY.

	Capital Expenditure upto 31st March 1945.	Expended during the year.	Total Capital Expenditure upto 31st March 1946.
(1) Loans Funds.	Rs.	Rs.	Rs.
I.—General Supervision, Collection of Revenue, etc. ...	20,43,771	55	20,43,826
II.—Water Works	10,04,66,220	7,43,623	10,12,09,843
III.—Education, Primary	27,92,211	248	27,92,459
IV.—Education, Secondary	...	18,068	18,068
V.—Public Health Department	16,20,826	32,539	16,53,365
VI.—Medical Relief and Education	82,10,349	43,279	82,53,628
VII.—Street Cleansing and Conservancy Road Watering and Halalkhore Service	90,92,489	29,162	91,21,651
VIII.—Roads, Drains and Sewers	7,74,45,832	5,90,549	7,80,36,381
IX.—Mechanical	32,03,710	48,242	32,51,952
X.—Buildings, Land Acquisition and Management ...	4,28,62,010	29,393	4,28,91,403
XI.—Fire Brigade	13,47,652	8,504	13,56,156
XIII—Gardens and Open Spaces	36,76,874	....	36,76,874
XIV.—Markets and Slaughter Houses	82,16,138	23,845	82,39,983
Carried forward ...	26,09,78,082	15,67,507	26,25,45,589

	Capital Expenditure upto 31st March 1945.	Expended during the year.	Total Capital Expenditure upto 31st March 1946.
	Rs.	Rs.	Rs.
Brought forward ...	26,09,78,082	15,67,507	26,25,45,589
XV.—Slum Service	6,57,989	45,202	7,03,191
XVI.—Measures for Civil Defence	1,58,382	8,674	1,67,056
Discount and other Charges on Loans	5,24,202	33,015	5,57,217
Plant and Machinery	5,91,894	Cr. 17,521	5,74,373
(1) Loan Funds—Total Rs.	26,29,10,549	16,36,877	26,45,47,426
(2) Trust Fund.			
Works executed	42,92,301	4,993	42,97,294
(3) Worn out Water Mains Renewal Fund.			
Works executed	9,62,529	Cr. 15	9,62,514
(4) Land and Buildings Fund. ...			
Lands purchased and buildings erected	43,03,044	...	43,03,044
Grand Total ...	27,24,68,423	16,41,855	27,41,10,278

Appendix No. 8.

Block Account showing details of Capital Expenditure upto 31st March 1946.

	Total Capital Expenditure upto 31st March 1945.	Expended during the year.	Total Capital Expenditure upto 31st March 1946.
	Rs.	Rs.	Rs.
I.—GENERAL SUPERVISION, COLLECTION OF REVENUE, ETC.			
Works completed (as per Report for 1944-45)	20,43,771	...	20,43,771
Work in progress—			
Construction of Store shed of B.B. Pipe Depot	...	55	55
I.—General Supervision, etc., Total ...	20,43,771	55	20,43,826
II.—WATER WORKS, ORDINARY.			
Works completed (as per Report for 1944-45)	4,73,19,242	...	4,73,19,242
Conversion gradually of an adequate number of underground hydrants out of the existing 4,849 underground hydrants into stand-post hydrants to prevent pollution of the water supply of the City ...	60,340	4,947	65,287
Providing water mains with hydrants, etc., in the layout of roads in Scheme No. 57, Sewri-Wadala	1,46,437	9,997	1,56,434
Extending 18" main in King Edward Road from Haffkine Institute upto junction of Sewri New-Road	1,03,988	5,590	1,09,578
Connecting the 4" Bandra Slaughter House Main to 24" Tulsi Main....	3,833	Cr. 25	3,808
Enlarging and extending the 4" main in College Road to 6" ...	8,484	1,428	9,912
Laying an 18" main in 1st Marine Street	22,193	320	22,513
	4,76,64,517	22,257	4,76,86,774
Works completed during the year 1945-46—			
Strengthening spans Nos. 6 and 7 of the old Kasheli Bridge with incidental Works	2,57,066	...	2,57,066
Laying 5" meter main in Falkland 2nd, 3rd 4th Cross Lanes ...	10,656	...	10,656
Extending the existing 5" water main in Bhasker Lane (C Ward)...	2,932	...	2,932
Enlarging the 4" main in Kumbharwada Cross Lane to 6" (E Ward).	3,423	...	3,423
Total—Works completed during the year ...	2,74,077	...	2,74,077
Total—Works completed...	4,79,38,594	22,257	4,79,60,851

	Capital Expenditure up to 31st March 1945.	Expended during the year.	Total Capital Expenditure upto 31st March 1946.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,79,38,594	22,257	4,79,60,851
Works in progress—			
Providing water mains in the layout of new roads at Back Bay Reclamation Scheme—			
Providing 9" and 6" distributory mains in Block No. 1 ...	55,317	3,200	58,517
Providing 30" trunk main from the end of Block No. 1 along Marine Street and 120 feet road opposite Band Stand with a cross connection to existing main near Wellington Fountain ...	1,39,916	282	1,40,198
Providing new water mains in Mahim District	95,879	4,678	1,00,557
Laying further water mains in some of the roads in Mahim District.	34,839	157	34,996
Reconstructing two portions of the trolley track along the 48" Vehar main	21,627	2,404	24,031
Providing additional inlets and outlets at Malabar Hill Reservoir...	4,08,680	20,511	4,29,191
Widening and raising the embankment providing a trolley track and laying new 57" steel main wherever necessary in Bandra Creek	1,46,955	10,289	1,57,244
Gunite and cementation work of the dam and the provision of a trolly track along its toe at Tansa	2,47,214	78,037	3,25,251
Providing mains in roads Nos. 1, 2, 3, 4, 8, 27, 27A and 29, Sion Scheme 6	67,301	3,727	71,028
Providing additional hydrants on 24" Tulsi main from Mori Road to Haines Road...	11,495	2,877	14,372
Providing additional hydrants and S. V.s. on the existing water main in certain roads of the Dadar-Matunga Estate, Schemes No. 5 & 6	20,694	...	20,694
Providing 12" main in Vithalbhai Patel Road from Charni Road to Cawasji Patel Tank Road	40,861	1,058	41,919
Laying 9" main in the extension of Worli Sea Face Road and 50' road parallel to it, Worli Scheme No. 58	23,066	Cr. 7	23,059
Providing 6" main in Road Nos. 13A, 13B and 13C, Naigaum Scheme No. 60	4,977	42	5,019
Providing 6" water main in Worli Sonapur Lane	10,880	2,678	13,558
Repairing and extending the Trolley Track in various syphons of the duct line outside Bombay	28,070	4,324	32,394
II—Water Works—Works in Progress—Carried over ...	13,57,771	1,34,257	14,92,028
II—Water Works—Carried over ...	4,79,38,594	22,257	4,79,60,851

Appendix No. 8—*continued.*

	Capital Expenditure up to 31st March 1945.	Expended durng the year.	Total Capital Expenditure upto 31st March 1946.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,79,38,594	22,257	4,79,60,851
II.—Water Works—Works in Progress—Brought forward ...	13,57,771	1,34,257	14,92,028
Laying water main in ex-Trust Dharavi Scheme	24,501	3,290	27,791
Providing 6" water main in Sitafal Wadi off Mount Road and 5" main in bye-lanes off Victoria Road (E Ward)	5,035	25	5,060
Enlarging the existing 3" and 4" water mains in Mahim Kapad Bazar Road from Cadell Road to Mahim Bazar Cross Road to 6".	8,400	1,410	9,810
Providing an additional 9" water main in Bhavanishankar Road ...	21,426	4,294	25,720
Laying water main in Sion, Scheme No. 6	24,322	465	24,787
Enlarging the existing 3" and 4" water mains in Parel Chawl Road to 5"	16,376	627	17,003
Laying a 24" main in Worli Road in continuation of 24" main in Haines Road	86,403	13,281	99,684
Enlarging the existing 3" and 4" water mains in King's Lane and 4" main in Gola and Jiwanji Lane (A Ward)	7,759	132	7,891
Extending the 5" main in Falkland Road Low Level (North) to meet the 9" main in Sleater Road	2,800	...	2,800
Treating further portion of the 57" Steel mains in Sleater Road from Nana's Chowk to Falkland Road with reinforced gunite.	85,652	51,282	1,36,934
Constructing 1¼ million gallons capacity reinforced gunite elevated tank at Bhandarwada	1,30,788	479	1,31,267
Enlarging the 5" water main in Carmichael Road to 9" and extending it to connect the same with 6" main in Altamount Road ...	19,870	7,263	27,133
Laying a 5" main in Ganeshwadi 1st Lane and enlarging and extending 3" main in Ganeshwadi 2nd Lane and connecting it with the proposed main in Ganeshwadi 1st Lane (C Ward)....	5,963	...	5,963
Providing concrete blocks under steel mains outside City at places where they are badly corroded	78,340	72,862	1,51,202
Providing hydrants in roads where there are no hydrants or where additional hydrants are necessary	12,814	2,591	15,405
Providing a 12" main along western slope of Malabar Hill from Malabar Hill Reservoir to Napean Sea Road	38,586	9,427	48,013
Purchase of New Meters	47,839	56,271	1,04,110
Enlarging and extending the existing 4" water main in Belvedere Road, Mazagaon	17,720	...	17,720
Enlarging the 5" and 3" water mains in Lamington Road, enlarging the 3" mains in Topiwala Lane and Tara Temple Lane ...	24,708	5,128	29,836

	Capital Expenditure upto 31st March 1945.	Expended during the year	Total Capital Expenditure upto 31st March 1946.
	Rs.	Rs.	Rs.
II.—Water Works—Brought forward ...	4,79,38,594	22,257	4,79,60,851
II.—Water Works—Works in Progress—Brought forward ...	24,23,608	4,52,855	28,76,463
Enlarging the 4" main in Peerkhan 3rd Lane, (E Ward) ...	5,058	2,114	7,172
Laying a water main in Bhai Jiwnji Lane, (C Ward)... ...	5,747	1,108	6,855
Enlarging and extending the existing 3" main in Sindhi Lane to 6", (C Ward)	5,597	358	5,955
Laying a 6" main in Shankar Bari Lane, (C Ward)	5,625	2,515	8,140
Replacing the existing 5" main in Israel Moholla by 9" main and providing a 5" main in Israel Moholla Cross Lane, (B Ward) ...	9,675	5,930	15,605
Providing 6" water main in Nardulla Tank Road, (C Ward) ...	5,884	1,794	7,678
Extending the existing Anchor Blocks and providing additional ones in outside City Divisions	9,945	4,803	14,748
Providing a water main in 40' road in Worli Estate, Scheme No. 58 (G Ward)	6,480	Cr. 1	6,479
Enlarging the 4" main in Mangesh Senoy Street off Hornby Road, (A Ward)	674	...	674
Providing water mains in roads Nos. 8, 8-A and 9 of Naigaum Scheme No. 60, (F Ward)	9,318	3,397	12,715
Providing water main in Northbrook Street, (E Ward) ...	2,839	81	2,920
Laying a 6" water main in road N.o. 56, Dadar-Matunga Estate, (F Ward)	4,422	104	4,526
Laying water main in New Bengalpura Street, (B Ward) ...	3,904	26	3,930
Enlarging and extending the water main in Mustan Tank Road, (E Ward)	9,235	5,631	14,866
Providing a 6" main in Wallace Street (A Ward)	8,800	87	8,887
Laying 6" water mains in Roads Nos. 11A and 18 (part) in Dadar Matunga Estate, Scheme No. 5	17,932	5,596	23,528
Laying a 6" water main in the proposed 30' road, off Haines Road.	2,704	4,278	6,982
Providing a water main in Ripon Cross Road, E Ward ...	7	...	7
Improving the water supply in localities in B Ward—laying water mains in Musjid Bunder Road, Sandhurst Road, etc. ...	6,894	49,888	56,782
Removing the existing 5" main in Sleater Road and replacing it by a 6" water main in the west footpath thereat	9,930	4,271	14,201
Transferring and providing standpost hydrants on Parel Government Gate Road and Hospital Avenue Road (extension) ...	5,853	34	5,887
Enlarging the existing 3" & 4" main in Islampura Street to 6" (D Ward)	3,339	4,274	7,613

Enlarging and extending the existing 3" and 4" water mains in Musjid Bunder Road from Jackeria Musjid Street to Narsi Natha Street to 6"	17,545	693	18,238
Enlarging and extending the 4" water main in Gas Works Lane off Parel Road (F Ward)	16,915	1,925	18,840
Providing a 9" water main in Foreshore Road, Back Bay Reclamation Area	33,813	539	34,352
Providing a 5" main in Laburnam Road	3,301	559	3,860
Removing the embedded portions of the 32" Vehar Main and 48" old and new Tansa Mains over the swing bridge at Kurla and relaying the same over the existing piers of the bridge ...	37,999	15,690	53,689
Measures for preventing frequent bursts on trunk mains inside the City	23,853	9,561	33, 41
Augmentation of City's water supply	33,950	21	33, 971
Enlarging and extending 4" main in Curry Road Low Level (G Ward)	16,891	2,833	19,724
Enlarging the 3" main in Tadwadi to 6" and extending the same...	5,000	3,202	8,202
Enlarging the 5" main in Zaoba's Oart (C Ward)	7,101	1,911	9,012
Laying a water main in Kamathipura 12th Street	4,262	2,128	6,390
Enlarging and extending the 3" main in Tamarind Lane and enlarging the 4" main in Meadow's Street	7,074	3,217	10,291
Providing 24" cross connections between the Trunk mains outside the City	23,704	7,018	30,722
Enlarging and extending the 3" main in Ghoga Street to 4" main in Parsi Bazar Street and enlarging the 3" main in Store Lane ...	8,911	Cr. 12	8,899
Improving the water supply in Stable Street Kamathipura, E Ward.	8,353	897	9,250
Providing a 5" water main in Cumbala Road, D Ward ...	3,892	3,194	7,086
Providing a 5" water main in Dockyard Road	3,610	26	3,636
Enlarging the 4" main in Hornby Road East footpath from Gunbow Street to Ghoga Street	6,530	—	6,530
Providing a 5" water main in Reay Road between Gunpowder Road and Dockyard Road and in the two bye-lanes	14,282	135	14,417
Enlarging the 3" water main in Peerkhan 1st Lane (E Ward) ...	2,823	562	3,385
Enlarging the 4" water main in Sheikh Buran Kamoddin Street, (E Ward)	9,704	341	10,045
Enlarging and extending the 3" main in Chambar Lane off Parel Road (E Ward)	5,771	315	6,086
Enlarging and extending the 4" water main in Ulster Road (E Ward).	7,868	132	8,000
Extension of the mains at Worli Sea Face Road and the 60' road parallel to it upto Love Grove Road	4,804	2	4,806
Providing a water main in Pan Gully (D Ward)	7,953	506	8,459
Providing a water main in Alexandra Road, (D Ward) ...	3,137	4	3,141
Enlarging the 4" water main in Narayan Dhuru Street, B Ward to 9".	10,964	15,656	26,620
Enlarging the existing 6" main in Girgaum Road to 12" from Thakurdwar to Charni Road, (D Ward)	35,429	9,325	44,753
Enlarging the existing 4" main in Cruickshank Road to 9" (A Ward).	14,286	2,980	17,266
Enlarging the existing 4" main in Abdul Rehman Street, (B Ward).	18,850	5,914	24,764
Laying a 6" water main in King Edward Road between Dadar Road and Hospital Avenue	7,961	497	8,458
II—Water Works—Works in Progress—Carried forward ...	24,23,608	4,52,855	28,76,463
II—Water Works—Carrried forward ...	4,79,38,594	22,257	4,79,60,851

Laying a 6" water main in 40' road, off Cadell Road and in 40' Road to Kashinath Dhuru Road (G Ward)	4,987	4,685	9,672
Enlarging and extending the 3" water main in Princess Street to 6" (C Ward)	3,910	1,926	5,836
Providing a 30" trunk main from Malabar Hill Basin to Block No. I with Cross connection to 24" main in the Churchgate Street.	3,857	...	3,857
Providing cross connections for improving the water supply to E Ward locality	5,111	3,907	9,018
Augmenting water supply of the City—Survey regarding Bhivpuri Scheme	...	13,303	13,303
Enlarging and extending 6" > 4" mains in Queen's Road and New Queen's Road	...	15,553	15,553
Providing a 12" water main in Bhuleshwar Street (C Ward) ...	...	13,650	13,650
Laying a 6" main in Mazgaon Road (B Ward)	...	3,237	3,237
Diverting and regrading the existing Tulsi Trolly Track ...	...	9,634	9,634
Providing a 12" feeder main in Bhau Daji Road	...	9,566	9,566
Housing accommodation for emergency gangs for the labour staff in the out side City Division	...	19,672	19,672
Providing a 6" main in Ghella bhoy 3rd Lane	...	2,691	2,691
Providing 9" main in New Wadi from Zaoba's Oart to Counect with the 9" main in Dadyshet Street (CWard)	...	1,219	1,219
Enlarging the existing 6" main in Pochkhanawalla Road (East and West) to 15" and 12" (G Ward)	...	9,834	9,834
Laying a water main in Jame Jamshed Road (South) F Ward ...	...	2,546	2,546
Laying a 9" main North East footpath of Haines Road (E Ward) ...	...	4,074	4,074
Providing a 6" water main in Ropa Walk Street (A Ward) ...	...	3,348	3,348
Enalrging the existing main in Forjett Street (D Ward) ...	...	5,693	5,693
Laying mains in Road Nos. 36 and 45 in Dadar-Matunga Estate, Scheme No. 5 (F Ward)	...	4,830	4,830
Enlarging and connecting Dead end of 4" main in Elphinstone Road (Low Level North Side) to 6" (G Ward)	...	3,466	3,466
Laying water mains in Dhobi Wada Mahalxmi, Clerk Road ...	...	4,618	4,618
Enlarging the existing 6" main in the Southern footpath of Love Lane to 12" between Parel Road and Mount Road (E Ward) ...	...	4,820	4,820
Enlarging 6" water main to 12" in Suparibaug Road East (F Ward).	...	9,890	9,890
Providing a 6" main in New Tank Bunder Road (E Ward) ...	...	3,538	3,538
Providing a 6" main in Duncan Road Cross Lane (E Ward) ...	...	2,766	2,766
Providing a 6" main in Home Street	...	2,967	2,967
Guniting the two 57" steel mains in Tulsi Pipe Line Road between Nardulla Tank Road and Elphinstone Road ...	...	109	109
Laying a 9" water main for housing Scheme at Wadala for the benefit of persons rendered Homeless as a result of explosion ...	...	9,371	9,371
Diverting the 9" main in Hornby Vellard Road	...	1,310	1,310
Total—Works in Progress ...	25,81,335	7,21,366	33,02,701
Grand Total ...	5,05,19,929	7,43,623	5,12,63,552
Tansa Triplication—			
Works completed (as per Report for 44-45)	4,99,46,291	...	4,99,46,291
II.—Water Works—Total ...	10,04,66,220	7,43,623	10,12,09,843

Appendix No. 8—*continued.*

	Capital Expenditure upto 31st March 1945.	Expended during the year.	Total Expenditure up to 31st March 1946.
	Rs.	Rs.	Rs.
III.—EDUCATION—PRIMARY.			
SCHOOL BUILDINGS—			
Works completed (as per Report for 1944-45)	22,38,789	...	* 22,38,789
Works completed during the year:—			
Construction of Municipal School Buildings—			
(1) School Building at Mastan Tank	1,03,114	...	1,03,114
(2) Do. Sukhlaji Street	2,17,045	248	2,17,293
(3) Do. Dongri	2,33,253	...	2,33,253
(4) Do. Gopi Tank, Lady Jamshedji Road ...	10	...	10
III.—Education—Primary—Total ...	27,92,211	248	27,92,459
IV.—EDUCATION—SECONDARY.			
Works in progress—			
Renewing the flooring of the two front corner rooms and painting the front portion including the two rooms in Victoria and Albert Museum	...	18,068	18,068
IV.—Education-Secondary Total ...	...	18,068	18,068
V.—PUBLIC HEALTH.			
Works completed (as per Report for 1944-45)	15,00,506	...	15,00,506
Total.—Works completed ...	15,00,506	...	15,00,506

	Capital Expenditure upto 31st March 1945.	Expended during the year.	Total Capital Expenditure up to 31st March 1946.
	Rs.	Rs.	Rs.
VII—Street Cleaning, Conservency, Road, Watering and Halalkhore Serve etc.—*Contd.*			
VII—Street cleaning works—Brought forward ...	67,25,277	...	67,25,277
VII—Street cleaning works in progress—Brought forwar...	19,97,371	Cr. 23,620	19,73,751
Conversion of privies on basket system into water closets by Subsidising House Owners in the northern part of the City ...	1,95,600	...	1,95,600
Gunite treatment and repairs to Block B of Health Department Chawls at Palton Road	76,549	...	76,549
Construction of two seated urinals near play ground and Septic Tank Installation on Lakhamsey Nappoo Road	955	557	1,512
Construction of Public conveniences in different parts of the City.	3,080	40,040	43,120
Construction of incinerator for burning the Kutchara in the City.	367	....	367
Providing washing places and water closets for the proposed camps of mang garudis at Dharavi.	36,105	12,100	48,205
Gunite treatment and repairs to Block A of Health Department Chawls at Palton Road	57,185	85	57,270
	23,67,212	29,162	23,96,374
VII—Street cleaning—Total ...	90,92,489	29,162	91,21,651
VIII.—ROADS, DRAINS AND SEWERS.			
ROADS AND OVERBRIDGES—			
ROADS—			
Works completed (as per Report for 1944-45)	1,01,70,365	...	‡1,01,70,365
Construction of 40' road in Palton Road Scheme	24,689	676	25,365
	1,01,95,054	676	1,01,95,730
Works completed during the year			
Construction of Tulsi Pipe Line Road between Dadar and Matunga	49,119	...	49,119
Improvement of the play-ground at Mori-Road	57,371	...	57,371
Constructing a road and culvert over the drain age chawls to the west Globe Mill Pasage	12,842	...	12,842
Total—Roads completed during the year ...	1,19,332	...	1,19,332
Total Roads completed ...	1,03,14,386	676	1,03,15,062

Works in Progress—			
Providing a Cemetery for Ahmedia Muslim Community at Bhoiwada	* 12,374	...	12,374
Providing a Cemetery for Hindus at Dharavi	231,83	11,486	34,669
Providing a Cemetery for Dawoodi Bohra Community ...	84,763	21,053	1,05,816
	1,20,320	32,539	1,52,859
V.—Public Health—Total ...	16,20,826	32,539	16,53,365
VI.—MEDICAL RELIEF AND EDUCATION.			
Works completed (as per Report for 1944-45)	74,35,041	...	†74,35,041
Municipa share for the cost of constructing Buildings etc. for the Tuberculosis Hospiatat Sewree	2,47,363	5	2,47,368
Total Works completed ...	76,82,404	5	76,82,409
Works in progress—			
Extension of the K. E. M. Hospital (Part expenditure booked under Trust Fund)	5,01,057	6,597	5,07,654
Extension of Nurses Quarters kitchen in the Nurses Quarter &c., at Arthur Road Hospital	9,935	15,014	24,949
Reconstruction of the collapsed wall &c., at Turner Sanatorium...	16,649	8,270	24,919
Extension of the Dispensary at Arthur Road Hospital ...	304	9,628	9,932
Capital repairs to the old Hospital block at Turner Sanitorium ...	...	3,723	3,723
Additions and alternations to V. D. Clinic Building at Pellasis Road	...	42	42
	5,27,945	43274	5,71,219
VI—Medical Relief, etc.—Total ...	82,10,349	43,279	82,53,628
VII.—STREET CLEANSING, CONSERVANCY, ROAD WATERING AND HALALKHORE SERVICE.			
Works completed (as per Report for 1944-45)	67,25,277	...	67,25,277
Works in progress—			
Conversion of insanitary basket privies into water-closets by subsidising House Owners	18,79,488	Cr. 23,620	18,55,868
Construction of chawls, sanitary conveniences and improvements, etc., to camp at Chembur	1,17,883	...	1,17,883
VII.—Street cleansing—Works in Progress—Carried over ...	19,97,371	Cr. 23,620	19,73,751
VII.—Street Cleansing—Carried over ...	67,25,277	...	67,25,277

Works in progress—			
Remaking Roads in accordance with demands of heavy traffic ...	64,31,752	28,306	64,60,058
Permanent construction of existing Kutcha footpaths... ...	10,97,824	23,687	11,21,511
Extension of Ranade Road from Lady Jamshedji Road to Gokhale Road	2,20,876	272	2,21,148
Constructing a pucca retaining wall at the toe of Walkeshwar Road to support the Embankment	73,948	...	73,948
Widening 1st Marine Street	3,03,044	...	3,03,044
Providing cement concrete carriageway along the 50' road between Tulsi Pipe Line Road and Bhawanishankar Road, including modification of S. W., drainage arrangements	32,442	.16	32,458
Permanent construction of narrow by-lanes in the City ...	64,099	24,976	89,075
Renewal of surfaces of roads for which no renewal fund exists ...	62,468	30,612	93,080
Providing traffic amenities such as (a) Subways and overbridges (b) Traffic Islands (c) Pedestrian crossings	18,541	6,278	24,819
Filling in certain lowlying lands	25,574	12,877	38,451
Widening the bottleneck at Dharavi Road near the Municipal Sluice House ...	5,706	Cr. 5,626	80
Construction of 40' Road between Sayani Road and Khed Gully...	19,168	5,559	24,727
Construction of footpaths where no footpaths exist	24,012	26,126	50,138
Renewal of Surfaces of Roads taken over from Ex-Trust— Victoria Gardens Road etc.	67,175	63,594	1,30,769
Widening the existing Kalewadi Lane to 20' and extending it to meet Queen's Road just in front of Charni Road Railway Station ...	...	4,527	4,527
	84,46,629	2,21,204	86,67,833
Total—Roads	1,87,61,015	2,21,880	1,89,82,895
OVERBRIDGES—			
Works completed (as per Report for 1944-45)	51,08,316	...	51,08,316
Works in progress—			
Widening the Bridge at Love Grove Pumping Station and improving the bed of the channel	3,27,773	...	§ 3,27,773
Overbridges—Total ...	54,36,089	...	54,36,089
STREET IMPROVEMENTS—			
Street Improvements in different places—Set-backs ...	1,43,99,606	1,60,868	1,45,60,474
Adding set-backs to roads	3,46,565	27,739	3,74,304
Special Street Improvements	19,000	...	§§ 19,000
Street Improvements—Total ...	1,47,65,171	1,88,607	1,49,53,778
VIII—Roads Drains and Sewers Carried forward ...	3,89,62,275	4,10,487	3,93,72,762

* Inclusive of Government share of Contribution of Rs. 5 lakhs.

† Exclusive of Rs. 30,000 expended out of the Conation from Sir Ibrahim Rahimtoola Kt., for Combined School and Dispensary at Sandhurst Road and of Rs. 27,268-8-0 expended out of the amount received from Governor's Hospital Fund which was credited to the work of Construction of one new Ward for Small-pox unit at Arthur Road Hospital.

‡ Inclusive of Rs. 1,56,500 contributed by the Port Trust for Wadi Bunder Road.

§ Inclusive of Rs. 91,234 received from Government on account of contribution from Provincial Share of Petrol Tax Fund for Widening the Brigade at Love Grove Pumping Station.

§§ This was paid out of the Road Improvement Fund.

Appendix No. 8—*continued.*

	Capital Expenditure upto 31st March 1945.	Expended during the year.	Total Capital Expenditure up to 31st March 1946.
	Rs.	Rs.	Rs.
VIII—Roads Drains and Sewers—Brought forward ...	3,89,62,275	4,10,487	3,93,72,762
DRAINS AND SEWERS—			
Works completed (as per Report for 1944-45)	3,29,39,296	...	3,29,39,296
Works completed during the year 1945-46—			
Laying a gas main for supplying sludge gas to the Turner Sanatorium and Ramesh Premchand T. B. Hospital	41,962	...	41,962
Relpacing the existing 2'×6"— 3'×9" avoid sewer by a 9" pipe sewer alosng Khetwadi Back Road between Charni Road and Khetwadi 19th Lane	14,748	...	14,748
Total—Works completed ...	56,710	...	56,710
Works in progress—			
Sewerage Scheme for the Northern Part of the Island including Sludge Digestion Plant	25,00,692	6,859	25,07,551
Construction of Subsidiary and Branch Sewers in connection with the Sewerage Scheme for the Northern Part of the City ...	14,63,707	2,550	14,66,257
Completion of House drainage connections in different parts of the City	4,33,389	26,152	4,59,541
Construction of water gullies on various roads in the City ...	28,035	6,710	34,745
Renewal of old masonry storm water drains in the City ...	58,819	16,359	75,178
Improving sewerage facilities in Colaba area	38,401	...	38,401
Works in connection with the Scheme for the Sewerage at Wadala-Gowari, parts of Sewri, Sion and Dharavi	1,92,508	Cr. 59	1,91,917
Works in connection with removal of the surcharged condition of the sewers in the City—			
(1) Construction of a sump well and supply and erection of a Pumping Station	81,165	1,910	83,075
(2) Construction of 42" and 48" high level gravitation sewers in Haines Road	1,30,954	77	1,31,031
(3) Laying 36" C. I. Rising Main	95,750	Cr. 3,733	92,017

	Capital Expenditure up to 31st March 1945.	Expenditure during the year.	Total Expenditure upto 31st March 1946.
IX.—MECHANICAL.			
Works completed (as per Report for 1944-45)	30,49,554	...	30,49,554
Works in progress—			
Purchase of necessary Plant and Machinery to utilise surplus sludge gas available at the Sludge Digestion Plant to run the Municipal motor lorries	1,18,840	17,410	1,36,250
Renewing the old air and sealed Sewage mains in the City ...	12,869	9,293	22,162
Construction of the Floculator Tank at D. P. Works. ...	2,413	17,149	19,562
Renewing 15" Sealed Sewage main of the Delisle Rd. Ejector. ...	20,034	4,390	24,424
	1,54,156	48,242	2,02,398
IX.—Mechanical—Total ...	32,03,710	48,242	32,51,952
X.—BUILDINGS, LAND ACQUISITION AND MANAGEMENT.			
COMPLETED WORKS TRANSFERRED FROM—			
XII.—Building Regulations and other measures for Public Safety—(As per Report for 1944-45)	17,292	...	17,292
Colanji Hill Road (Part expenditure booked under VIII.—Roads, etc.)	7,66,975	...	7,66,975
Hornby Road to Ballard Pier Road	1,93,05,850	351	1,93,06,201
Dalal Street	4,01,322	...	4,01,322
Mahim Park	60,98,850	6,923	61,05,773
Mahalaxmi Overbridge	13,67,923	270	13,68,193
Plant and Machinery	20,673	...	20,673
X—Bulding, etc.—Total ...	2,79,61,593	7,544	2,79,69,137
MAHIM DEVELOPMENT SCHEMES—			
Scheme I.—Construction of a proposed road from Lady Jamshedji Road to Mahim Station	4,68,591	...	4,68,591
Scheme II.—Construction of two proposed roads and a park between Nardulla Tank and Dadar Kumbharwada ...	7,82,105	...	7,82,105

(4) Making connections from existing sewers and S.W. drains to the Sump well	12,322	...	12,322
(5) Gravitation Sewer in Arthur Road	1,18,041	21,264	1,39,305
(6) Ejectors at Furguson and Delisle Roads	138	31,127	31,265
Additional works at Dadar Purification Works—			
Erecting 3 C.I. (H_2S) Purifiers, etc., over the existing consolidation Tanks at D. P. Works	29,641	263	29,904
Providing Relief drains, etc., for preventing the flooding at Vincent Road near Poibavdi	25,871	...	25,871
Acquisition of land and construction of staff quarters at Dadar Purification Works	63,894	...	63,894
Renewing or remodelling the old subsidiary S.W. drains in the City—			
(1) Providing S.W. drain with the manhole and W.E. in portions of Cannon Road and Murzban Road	4,205	...	4,205
(2) Extension of S. W. drain along Cannon Road, Murzban Road and Bastian Road	2,746	...	2,746
(3) Providing 12" pipe drain with manholes and water gullies, etc., at T. Parashram Street between Sandhurst Road and Durgadevi Road	6,419	...	6,419
(4) Providing 12" pipe drain with manholes and water gullies at Dhabu Street between Sandhurst Road and Grant Road ...	14,864	...	14,864
(5) Providing 12" pipe drain with manholes in Packmodia Street between Guzar Street and Cooper 1st Street... ...	5,349	...	5,349
(6) S. W. Drain in Durgadevi Street	22,475	...	22,475
(7) S. W. Drain in Hope Street	12,760	....	12,760
(8) S. W. drains in Khoja Street ...	8,259	627	8,886
(9) S. W. drains in Garibdas Street ...	6,467	866	7,333
(10) S. W. drain in Samuel Street	...	34,462	34,462
Providing under ground S.W. Drains in lieu of the existing open side drains in the City (1) D'Lima Street; (2) Matharpakhadi.	39,485	....	39,485
Reconstrucrion of the damaged Seawall of the Biological Installation at Banganga together with staff quarters etc. ...	71,787	Cr. 776	71,011
Laying Sewers in certain Roads in the City where no Sewers exist..	9,271	4,683	13,954
Providing Storm Water Drains in certain roads in the City where no S. W. Drains exist.	10,068	3,598	13,666
Providing a subsidiery sewer in Gowali chawl lane ...	69	13,781	13,850
Construction of two sheds for storing Chlorine—one at Dadar Purification Work and other at Matunga ...	....	Cr. 30	Cr. 30
Cement Concrete encasing to the 'girdars' of the final settlement Tanks at D.P. Works and guiniting Aeration Tanks at C.F.I. Tanks, etc.	...	280	280
Filling and Pitching the sides of Dharavi Road to prevent damages done to road by the action of Sea Waves	....	13,624	13,624
Total Works in Progress ...	54,87,551	1,80,062	56,67,613
Drains and Sewers ...	3,84,83,557	1,80,062	3,86,63,619
VIII.—Roads, Drains, and Sewers—Total ...	7,74,45,832	5,90,549	*7,80,36,381

Scheme III.—Extension of the new DeLisle Road northwards to Lady Jamshedji Road	19,10,915	...	19,10,915
Scheme IV.—Widening and improving Lady Jamshedji Road ...	34,49,269	603	34,49,872
Scheme V.—Road in continuation of Mahim Bazaar Cross Road to Tulsi Pipe Line Road	3,21,171	...	3,21,171
Scheme VI.—Proposed Road between Matunga and Dadar Station connecting Lady Jamshedji Road with Tulsi Pipe Line Road (Road marked A, B)	63,485	...	63,485
Scheme VII.—Roads to be constructed in the area south of proposed Road between Matunga and Dadar Station as per Scheme No. VI. (Roads marked B C, C D and D E)	5,00,226	15,630	5,15,856
Scheme VIII.—Roads to the south and north of E. D. Sassoon Dye Works	2,76,670	...	2,76,670
Laying mains in Mahim Development Schemes	96,707	...	96,707
Diversion of water mains affected by the Mahim Development Works	3,149	...	3,149
Town planning Scheme for the area near Masjid Station devastated by the explosion—Priliminary expenses, cost of Survey and acquisition	...	5,616	5,616
Mahim Developments—Total...	78,72,288	21,849	78,94,137
Interest on Capital	70,10,837	...	70,10,837
X.—Buildings, Land Acquisition and Management, Total ...	4,28,62,010	29,393	4,28,91,403
XI.—FIRE BRIGADE.			
Works completed (as per Report for 1944-45)	11,83,561	...	11,83,561
Works in progress—			
Construction of a Fire Brigade Station at Memonwada ...	1,64,091	8,504	1,72,595
XI.—Fire Brigade—Total ...	13,47,652	8,504	13,56,156
XIII.—GARDENS AND OPEN SPACES.			
Works completed (as per Report for 1944-45)	36,76,874	...	36,76,874
XIV.—MARKETS AND SLAUGHTER HOUSES.			
Works completed (as per Report for 1944-45)	78,86,330	...	78,86,330
Work completed during the year—			
Construction of a combined Municipal Market at Worli on plots Nos. 208, 208 and 209 in Scheme No. 52, Worli	1,83,511	109	1,83,620
Total works completed...	80,69,841	109	80,69,950

*This includes Rs. 15,995-1-0 met out of Premia on Loans.

Appendix No. 8—*continued.*

	Capital Expenditure up to 31st March 1945.	Expended during the year.	Total Expenditure upto 31st March 1946.
XIV—Markets and Slauter Houses	Rs.	Rs.	Rs.
Total Works completed Brought over ...	80,69,841	109	80,69,950
Works in progress—			
Construction of Fort Market	1,27,497	...	1,27,497
Improvements in Arthur Crawford Market ...	289	...	289
Additional works in the compound of Bandra Slaughter House ...	13,415	2,819	16,234
Works of (1) Renewing side walls of open channel drain (1) Providing concrete pavement around butchers chowls and constructing shed for stabling cattle in the compound of Bandra Slaughter House.	5,096	20,917	26,013
	1,46,297	23,736	1,70,033
XIV.—Markets and Slaughter Houses—Total ...	82,16,138	23,845	82,39,983
XV.—SLUM SERVICE.			
Works completed (as per Anual Report for 1944-45.) ...	1,27,492	...	1,27,492
Works in progress—			
Construction of storm water channel from Haines Road to Love Grove	1,58,281	...	1,58,281
Construction of Drains and filling in storm water channel from Fergusson Road to Haines Road	2,70,467	...	2,70,467
Closing of open storm water channels— (1) From Worli Road to Sluices.	43,878	Cr. 171	43,707
Realigning) regrading and covering of 750' of open channel drain from Dadar to Century Mills	44,227	...	44,227
Realigning and regrading open storm water channel from Dadar Pumping Plant upto Century Mill	13,575	...	13,575
Works to be carried ou. by the side of the open drain from Matunga to Dharavi to pick up the sewage flowing into the open drain (1) 36" Gravitation sewer along the open channel drain from 1400" south of Lady Harding Road to the covered drain beyond Mahim loop line...	69	45,373	45,442
	5,30,497	45,202	5,75,699
XV.—Slum Service—Total ...	6,57,989	45,202	7,03,191

	Capital Expenditure upto 31st March 1945.	Expended during the year.	Total Capital Expenditure up to 31st March 1946.
	Rs.	Rs.	Rs.
Plant and Machinery—Completed Works—Brought forward ...	5,93,302	717	5,94,019
Plant and Machinery—Works in progress Brought forward ...	99,875	17,526	1,17,401
Purchase of a Boat for Tansa Lake	...	3,125	3,125
Purchase of a tray with Injector solutionizers for the Powai Chlorination Plant	...	231	231
40 B.H.P. electrically driven Pumping set No. 1 at the Malbar Hill Reservoir	...	5,060	5,060
Purchase of Concrete mixer for outside City Division ...	...	4,410	4,410
V.—Public Health Department—			
Purchase of a cinema van	22,762	275	23,037
VII.—Street Cleansing and Conservancy—			
10 Steel wood composite wagons (1939-40)	32,246	...	32,246
VIII.—Roads, Drains and Sewers—			
Purchase of an air compressor for Electric Motor ...	4,647	...	4,647
Purchase of one O. K. champion Sewer	76	...	76
IX.—Machanical—			
Taking over 9 lorries purchased for A.R.P. Measures and converting them for Municipal purposes ...	45,805	...	45,805
Purchase of three Motor Vehicles of 1½ ton capacity for disposal of refuse	...	17,673	17,673
XI.—FIRE BRIGADE—			
Purchase of a Mobile Canteen Van	...	6,200	6,200
Suspense Account—			
Quarries and Crushers—			
Purchase of new motor (base shaft)	8,644	...	8,644
	2,14,055	54,500	2,68,555
	8,07,357	55,217	8,62,574
Assets written off	Cr. 2,15,463	Cr. 72,738	Cr. 2,88,201
Plant and Machinery—Total ...	5,91,894	Cr. 17,521	5,74,373

XVI.—MEASURES FOR CIVIL DEFENCE.			
Purchase of Stores Equipment	1,58,382	8,674	1,67,056
DISCOUNT AND OTHER CHARGES ON THE LOANS			
Discount and other charges on the loans (as per Report for 1944-45)	4,86,690	...	†4,86,690
Discount and other charges on Rs. 20 lakhs loan for 1943-44 ...	30,012	...	30,012
Discount and other charges on Rs. 22 lakhs loan for 1944-45 ...	7,500	25,515	33,015
Discount and other charges on Rs. 25 lakhs loan for 1945-46 ...	...	7,500	7,500
Discount and other charges—Total ...	5,24,202	33,015	5,57,217
PLANT AND MACHINERY.			
Completed Items—			
Plant and Machinery purchased (as per Report for 1944-45) ...	5,91,138	...	5,91,138
Conysetyliny Sets for cutting pipes etc.	2,164	717	2,881
	5,93,302	717	5,94,019
Works in progress—			
II.—Water Works—			
One 24" electrically operated Sluice Valve at Bhandarwada Hill Reservoir	5,378	921	6,299
Providing screen to inlet Bay at Vehar and outlet well at Tansa	40,613	...	40,613
Purchase of one Portable chlorinating unit ...	11,461	...	11,461
Providing 3 level indicating and recording instrument at B.H. Reservoir ...	4,814	2,909	7,723
Purchase of a chlorinator with accessories No. 1 ...	6,600	...	6,600
Providing one 24" electrically operated sluice valve at B. H. Reservoir ...	6,731	Cr. 44	6,687
Conversion of one pair of hydraulically operated sluice valve outside the City into hand operated ones. ...	5,109	...	5,109
Additional Pumping set for the elevated Tank at Malbar Hill Reservoir ...	9,569	640	10,209
Purchase and erection of two 'R' type Chlorinators ...	Cr. 44	44	...
Conversion of hydraulically operated S. V. with hand operated ones, outside the City	9,644	221	9,865
Purchase of one Chlorinator unit with accessories for Bhandar Wada Hill Reservoir	...	1,320	1,320
Provding electrically operated sluice valves on 14" Mazgaon outlet at Bhandarwada Hill Reservoir	...	5,090	5,090
Conversion of one pair of hydraulically operated sluice valves into hand operated ones at Powai	...	6,425	6,425
Plant and Machinery Works in Progress carried forward ...	99,875	17,526	1,17,401
Plant and Machinery-completed Works-carried forward ...	5,93,302	717	5,94,019

TRUST FUND.			
Works completed (as per Report for 1944-45)	38,01,634	...	38,01,634
Works in progress—			
Extention of K.E.M. Hospital (expenditure under Fund)	4,89,908	5,474	4,95,382
Constuction of two seated urinal near Play ground and Septic Tank Installation at Lakhamsy Napoo Road	759	Cr. 481	278
Trust Fund —Total	42,92,301	4,993	42,97,294
WORN-OUT WATER MAINS RENEWAL FUND			
Works completed (as per Report for 1944-45)	9,33,079	...	9,33,079
Enlarging 5" and 7" water main in Naigaum Cross Road to 9" from Naigaum Road upto S. V. on in the west of the Railway Line.	27,469	76	27,545
Works completed —Total ...	9,60,548	76	9,60,624
Work in progress—			
Enlarging the 4" main in Mangesh Shenoy Street off Hornby Road, (A Ward)	1,981	Cr. 91	1,890
Worn-out Water Mains Renewal Fund—Total ...	9,62,529	Cr. 15	9,62,514
LAND AND BUILDINGS FUND			
Lands purchased and buildings erected out of the Municipal Land and Buildings Fund—			
Works completed (as per Report for 1944-45)	43,03,044	...	43,03,044

†Out of this a sum of Rs. 11,004-15-0 was met out of Premia on Loans.

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 9.

Statement showing (1) the total amount of Municipal Loans raised (2) the expenditure incurred there against and (3) the invested balances of the Loans on 31st March 1946.

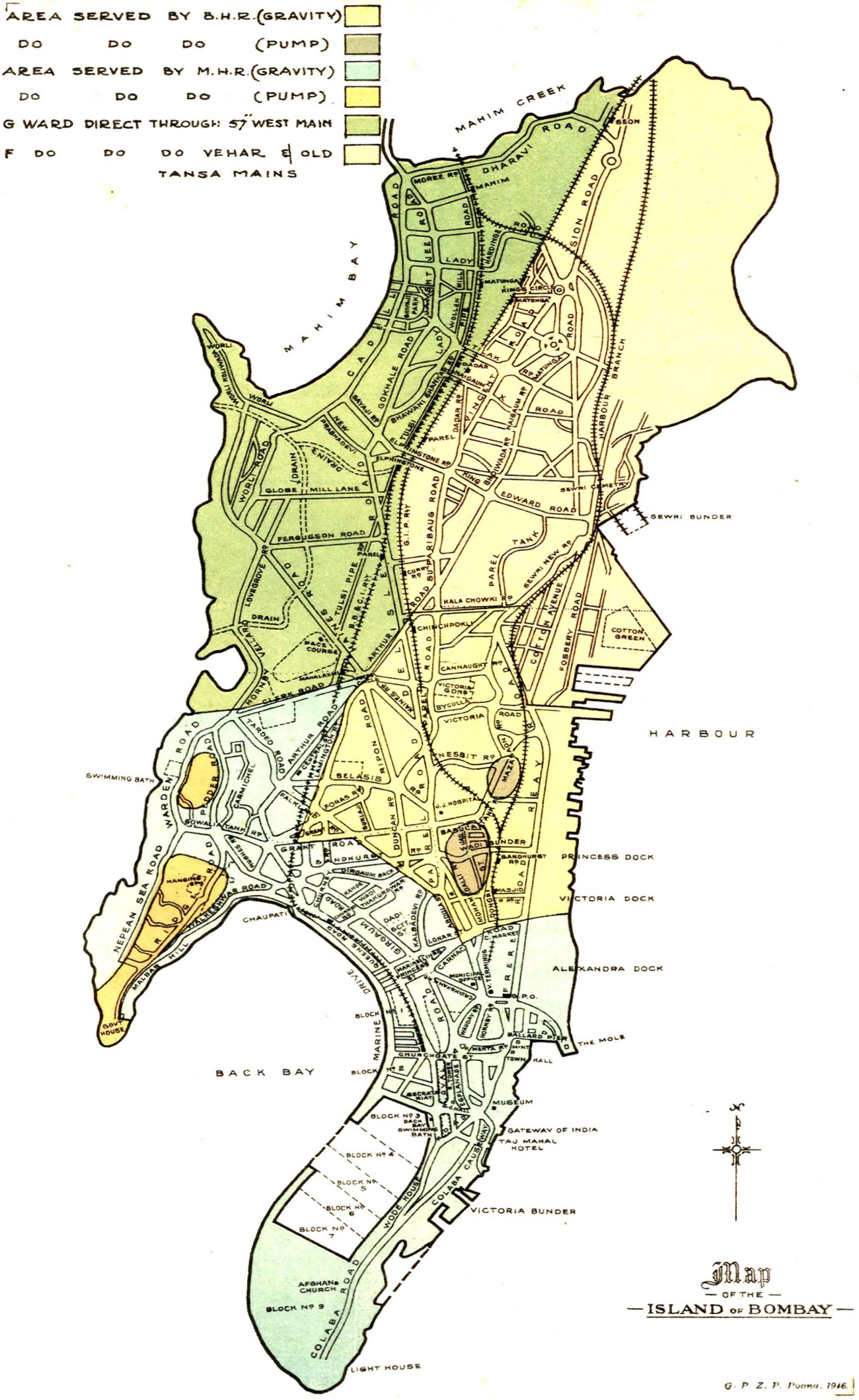
—	Amount raised.	Amounts re-paid out of cash balance.	Net amount available for expenditure.	I.—General Superintendence, Collection of Revenue.	II.—Water Works.	III.—Education, Primary.	IV—Education Secondary.	V.—Public Health.	VI.—Medica Relief and Education	VII.—Street Cleansing, Conservancy, Road Watering and Halalkhore Service.	VIII.—Roads, Drains and Sewers.	IX.—Mechanical.	X.—Buildings Land Acquisition and Management.	XI.—Fire Brigade.	XIII.—Gardens and Open Spaces.	XIV.—Markets and Slaughte Houses.	XV.—Slum Service.	XVI.—Measures for civil Defence.	Discount and other charges on Loans.	Plant and Machinery.	Total amount Expended on Works up to 31st March 1946.	Balance unexpended on 1st April 1946.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Total of different Municipal loans raised (as per Annual Report for 1944-45) ...	25,95,12,766 11 9	1,08,97,520 4 0	24,86,15,246 7 9																			
Less—Loans repaid—																						
Advance from Land Sales Reserve Fund ...	18,75,000 0 0	7,34,414 6 7	11,40,585 9 5																			
	26,13,87,766 11 9	1,16,31,934 10 7	24,97,55,832 1 2																			
Loan of Rs. 22 Lakhs sanctioned for 1944-45; portion raised in 1945-46 ...	17,00,000 0 0	...	17,00,000 0 0																			
Loan of Rs. 25 Lakhs sanctioned for 1945-46; portion raised in 1945-46 ...	5,00,000 0 0	...	5,00,000 0 0																			
Advance from Special Funds for purchase of Plant & Machinery	55,216 4 0	...	55,216 4 0																			
Advance from Special Funds for Renewal of surfaces of Roads for which no Renewal Fund exists and of Roads taken over from Ex-Trust. ...	94,206 7 0	...	94,206 7 0																			
Total Rs. ...	26,37,37,189 6 9	1,16,31,934 10 7	25,21,05,254 12 2	13,91,805 0 5	10,04,55,195 2 8	22,92,459 3 11	18,067 13 0	36,57,277 11 6	75,53,628 2 5	90,64,530 8 3	7,79,96,278 7 11	32,51,952 6 7	2,99,02,292 11 10	13,56,156 5 9	36,59,004 4 1	82,26,632 15 4	7,03,191 15 6	1,67,055 15 5	5,46,211 9 3	9,91,219 8 6	25,12,32,959 14 4	8,72,294 13 10
Works executed out of Special Funds and Contributions :—																						
1) Out of Contributions from—																						
G.I.P. Railway for removing and relaying 32" Vehar Main, South of Kurla ...				...	3,74,000 0 0	...		...	...	...	...	...	...	...	...	...	...	...	...	...		
Port Trust for Wari Bunder Road ...				...	...	...		...	...	...	1,56,500 0 0	...	...	...	...	...	...	...	...	...		
Government for Construction of Primary School Buildings ...				...	...	5,00,000 0 0		...	...	...	...	...	...	...	...	...	...	...	...	...		
(2) Out of Premia on Loans ...				...	2,40,000 0 0	...		...	...	...	15,995 1 0	...	...	...	...	53,848 11 11	...	...	11,004 15 0	...		
(3) Out of Special Funds—																						
Invested Fund ...				7,34,326 8 3	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...		
Nesbit Road Invested Fund ...				...	...	...		...	...	...	49,844 8 0	...	...	...	...	...	...	...	...	...		
Road Improvement Fund ...				...	...	...		...	...	...	19,000 0 0	...	...	...	...	...	...	...	...	...		
Loan Works Establishment ...				...	...	...		...	...	...	...	...	...	...	17,869 15 8	...	...	...	...	...		
Development Fund Receipts ...				...	1,40,647 12 7	...		...	...	3,02,317 3 8	...	...	1,29,89,110 7 5	...	...	...	...	...	...	...		
Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children ...				...	...	...		...	7,00,000 0 0	...	...	...	...	...	...	...	...	...	...	...		
Contribution from Government out of the Provincial Share of Petrol Tax Fund for widening the Love Grove Bridge.				...	...	...		...	...	...	91,234 0 0	...	...	...	...	...	...	...	...	...		
				21,26,131 8 8	10,12,09,842 15 3	27,92,459 3 11	18,067 13 0	36,57,277 11 6	82,53,628 2 5	93,66,847 11 11	7,83,28,852 0 11	32,51,952 6 7	4,28,91,403 3 3	13,56,156 5 9	36,76,874 3 9	82,80,481 11 3	7,03,191 15 6	1,67,055 15 5	5,57,216 8 3	9,91,219 8 6		
Deduct—																						
Plague Expenditure ...				...	...	...		20,00,000 0 0	...	...	...	...	...	...	...	...	...	...	...	...		
Amounts written off on account of properties not existing ...				82,305 14 10	...	...		3,912 13 0	...	2,45,196 8 0	2,92,469 15 0	...	...	...	...	40,499 14 11	...	...	...	2,88,201 1 0		
Expenditure on account of Municipal Printing Press Machinery transferred *Vide* C. R. No. 856 of 11-12-40 ...				...	...	...		20,03,912 13 0	...	...	...	...	...	...	...	...	...	...	...	1,28,647 0 0		
Total Rs. ...				20,43,825 9 10	10,12,09,842 15 3	27,92,459 3 11	18,067 13 0	16,53,364 14 6	82,53,628 2 5	91,21,651 3 11	7,80,36,382 1 11	32,51,952 6 7	4,28,91,403 3 3	13,56,156 5 9	36,76,874 3 9	82,39,981 12 4	7,03,191 15 6	1,67,055 15 5	5,57,216 8 3	5,74,371 7 6		

Rs. a. p.
Total Receipts (Col. 4) ... 25,21,05,254 12 2

Total expenditure (Col. 22) 25,12,32,959 14 4
Balance ... 8,72,294 13 10

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner*


AREA SERVED BY B.H.R.(GRAVITY)
DO DO DO (PUMP)
AREA SERVED BY M.H.R.(GRAVITY)
DO DO DO (PUMP)
G WARD DIRECT THROUGH 57" WEST MAIN
F DO DO DO VEHAR & OLD TANSA MAINS
MAHIM CREEK
MAHIM BAY
DHARAVI ROAD
SION ROAD
HARBOUR BRANCH
MAHIM
MOREE RD
LADY JEE ROAD
MATUNGA
KING'S CIRCLE
MATUNGA ROAD
WORLI
WORLI HOSPITAL
WORLI SEA FACE
GOKHALE ROAD
BHAWANI SHANKAR RD
NEW PRABHADEVI
DADAR
DADAR TT
DADAR RD
SAIGAUM RD
KING EDWARD VII ROAD
PAREL
ST. TULSI PIPE RD
ELPHINSTONE RD
KING EDWARD ROAD
SEWRI CEMETERY
SEWRI BUNDER
GLOBE MILL LANE
DRAIN
FERGUSSON ROAD
LOVEGROVE RD
G.I.P. RY
PAREL TANK
SEWRI NEW RD
KALA CHOWKI RD
CHINCHPOKLI
COTTON GREEN
COTTON AVENUE
FOSBERY ROAD
RACE COURSE
ARTHUR ROAD
B.B.C.I. RY
CANNAUGHT RD
VICTORIA GDNS
BYCULLA
VICTORIA ROAD
MAYO RD
NESBIT RD
HARBOUR
WORLI SEA FACE
CLERK ROAD
TARDEO ROAD
WARDEN ROAD
SWIMMING BATH
PEDDAR ROAD
CARMICHEL
BELASIS
RIPON ROAD
FORAS RD
J.J. HOSPITAL
DUNCAN RD
GOWALIA TANK RD
GRANT ROAD
SANDHURST RD
PRINCESS DOCK
VICTORIA DOCK
ALEXANDRA DOCK
NEPEAN SEA ROAD
MALABAR HILL
HANGING GDN
WALKESHWAR ROAD
CHAUPATI
GIRGAUM
DADI SETT ST
KALBADEVI RD
CARNAC
MUNICIPAL OFFICE
G.P.O.
MARINE DRIVE
MARINE ROAD
HORNBY RD
BALLARD PIER
THE MOLE
GOVT HOUSE
BACK BAY
BLOCK No 1
BLOCK No 2
CHURCHGATE
TOWN HALL
MUSEUM
BLOCK No 3
BACK BAY SWIMMING BATH
GATEWAY OF INDIA
TAJ MAHAL HOTEL
BLOCK No 4
BLOCK No 5
BLOCK No 6
BLOCK No 7
WODE HOUSE
COLABA CAUSEWAY
VICTORIA BUNDER
AFGHAN CHURCH
BLOCK No 9
COLABA ROAD
LIGHT HOUSE
Map
— OF THE —
ISLAND OF BOMBAY
G. P. Z. P. Poona. 1946.

Appendix No. 10.

SINKING FUND.

Statement showing the Actual Investments on account of the Sinking Fund of different Municipal Loans upto 31st March 1945, compared with the amounts which should have accumulated upto that date on the basis of the Fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1946.

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated upto 31st March 1946 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			† Rs.		Rs.
6 per cent. Municipal Loans (4 per cent. basis).						
160 Lakhs Loan for the Improvement of Water Supply in Bombay.	1,60,00,000	Between 22nd September 1924 and 31st March 1925 (First issue). Between 18th November 1924 and 31st March 1925 (Second issue).	1st December 1954 ...	2,85,280	1st December 1925 ...	92,41,783
5 and 6 per cent. Municipal Loans (3½ per cent. basis).						
147 Lakhs Tansa Water Works Loan ...	1,47,00,000	Between 5th June 1886 and 24th Dec. 1891.	(a) Between 1st January 1928 and 1st January 1953.	4,51,040	1st January 1893 ...	(b) 18,46,020
10 Lakhs Loan for the Conversion of S.W. Reservoir at Clerk Road into a Public Park.	10,00,000	2nd July 1920 ...	1st July 1980 ...	5,089	1st July 1921 ...	2,03,400
25 Lakhs Loan for the construction of roads, miscellaneous works including Development Works.	25,00,000	1st January 1928	1st January 1958 ...	48,428	1st January 1929 ...	11,96,858
37 Lakhs Loan (1929-30) ...	26,21,500	From 19th July 1929 to 1st August 1929.	1st August 1959 ...	50,782	1st August 1930 ...	10,89,774
31.43 Lakhs Loan for the repayment of 40 Lakhs Loan due 19th December 1929.	26,14,000	Do.	1st August 1959 or at the option of the Corporation on or after 1st August 1949 on giving three months' notice by public advertisement.	50,637	Do. ...	10,86,669
28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929.	8,45,500	Do.	1st August 1959 or at the option of the Corporation on or after 1st August 1954 on giving three months' notice by public advertisement.	16,379	Do. ...	3,51,499
40 Lakhs Loan (1930-31) ...	40,00,000	From 20th September 1930 to 6th October 1930.	1st September 1960 or at the option of the Corporation on or after 1st September 1950 on giving 3 Months' notice by public advertisement.	77,484	1st June 1931	15,38,716
4 per cent. Municipal Loans (3½ per cent. basis.)						
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	17th and 18th July 1899.	1st November 1939 ...	...	...	*1,000
19¼ Lakhs Loan for Sewerage Roads and other Sanitary Works.	19,25,000	18th and 19th July 1899 and Sept. 1900.	1st June 1940 ...	...	...	3,000
24¾ Lakhs Loan for certain Sewerage and Water Works.	24,75,000	6 Lakhs between 15th June and 1st July 1901. 11 lakhs between 23rd August and 31st October 1901. 4 lakhs between 19th August and 28th October 1902 and 3¾ lakhs on 9th September 1903.	1st June 1943 ...			4,500
30 Lakhs Loan for Buildings Drainage Works, etc.	30,00,000	1st November 1920 ...	1st January 1951 ...	58,113	1st January 1922 ...	22,83,283
						96,04,719
					Carried forward ...	1,88,46,502

(a) Rs.	Repayable on	Less— Repaid—	Rs.	Balance. Rs.
2,00,000	1-1-1928.	From 1-1-1928 ...	2,00,000	...
52,91,500	1-1-1933.	,, 1-1-1933 to 31-3-1940 ...	52,91,500	...
22,08,500	1-1-1943.	,, 1-1-1943 to 31-3-1946 ...	22,07,500	1,000(b)
17,00,000	1-1-1946.	,, 1-1-1946 to 31-3-1946 ...	15,54,000	1,46,000
10,00,000	1-1-1948.		...	10,00,000
43,00,000	1-1-1953		...	43,00,000
Rs. 1,47,00,000			92,53,000	54,47,000

* Stoppage is recorded against this Debenture.

† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4946 of 9th February 1905 and were further re-arranged from 1st April 1928 as per Corporation Resolution No. 6114 of 12th September 1927.

Appendix No. 10—*concluded.*

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated upto 31st March 1946 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			Rs.		Rs.
					Brought over ...	1,88,46,502
4 per cent. Municipal Loans (3 per cent. basis).						
2nd 24¼ Lakhs Loan for Sewerage Works.	24,75,000	12 lakhs on 3rd September 1905, and 12¾ lakhs on 9th September 1907.	1st August 1946 ...	32,823	1st August 1907 ...	24,18,344
13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries.	13,50,000	7th August 1908 ...	1st May 1938 ...	...	...	*1,500
15 Lakhs Loan for Street Improvements.	15,00,000	29th July 1909 ...	1st May 1949 ...	19,893	1st May 1910 ...	12,93,355
30 Lakhs Loan for the acquisition of sites for the construction of various Overbridges in the City.	30,00,000	29th July 1909 and 10th August 1910.	1st May 1949 ...	40,448	1st November 1910 and subsequent instalments from 1st May 1911 and 1st May 1929.	25,84,162
70 Lakhs Loan for reduplication of Tansa Main and other Auxiliary Works.	70,00,000	9th September 1913, 22nd July 1914 and 10th April 1915.	Rs. 49,40,000 on 1st June 1954. „ 20,60,000 on 1st June 1974. Rs. 70,00,000	78,148	1st June 1915 ...	40,05,272
20 Lakhs Loan for Street Improvements.	20,00,000	9th September 1913 and 24th September 1915.	1st May 1955 ...	26,524	1st May 1916 ...	12,96,578
						1,15,99,211
3½ per cent. Municipal Loans (3 per cent. basis).						
9 Lakhs Loan (1935-36) ...	9,00,000	31st January 1936 ...	14th March 1966 ...	18,917	14th March 1937 ...	2,17,184
48 Lakhs Loan (1940-41) ...	48,00,000	Between 1st March 1941 and 15th January 1942.	1st March 1971 ...	1,00,891	1st March 1942 ...	5,36,982
25 Lakhs Loan (1941-42) ...	25,00,000	Between 1st September 1942 and 15th February 1943.	1st March 1972 ...	52,548	1st March 1943 ...	2,20,389
20 Lakhs Loan (1943-44)	20,00,000	Between March 1944 and November 1944.	1st March 1974 ...	42,039	1st March 1945 (1)	85,552
22 Lakhs Loan (1944-45) ...	22,00,000	Between March 1945 and March 1946.	1st March 1975 ...	46,243	1st March 1946 ...	46,359
						11,06,466
3 per cent. Municipal Loans (3 per cent. basis).						
24¼ Lakhs Loan (1936-37) ...	18,50,000 6,00,000	1st November 1936 ... 1st June 1937 ...	1st February 1967 ...	51,498	1st February 1938 ...	5,25,785
30 Lakhs Loan (1937-38) ...	30,00,000	1st April 1938 ...	14th March 1968 ...	63,058	14th March 1939 ...	5,61,561
30 Lakhs Loan (1938-39) ...	30,00,000	Between 16th January 1939 and 1st June 1939.	1st March 1969 ...	63,058	1st March 1940 ...	4,84,383
64 Lakhs Loan (1939-40) ...	64,00,000	Between 1st December 1939 and 1st September 1940.	1st March 1970 ...	1,34,523	1st March 1941 ...	8,72,324
						24,44,053
					Total Rs. ...	3,39,96,232

	Amount actually invested upto 31st March 1946.				Amount of Interest accrued upto 31st March 1946 collected and invested in 1946-47.	Total of Columns 5 and 6
	Amount of Sinking Fund invested upto 31st March 1945.	Sinking Fund Instalments paid in 1945-46.	Interest, etc., accumulations invested in 1945-46.	Total.		
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Funds	3,65,28,927 2 6	19,04,225 0 0	14,18,767 15 0	3,98,51,920 1 6		
Deduct—Withdrawn for repayment of Loans ...				58,64,000 0 0		
Total Sinking Funds ...				†3,39,87,920 1 6		
In Public Securities as detailed in Appendix No. 16-A ...				3,39,87,596 13 2		
In Cash with the Imperial Bank of India.				323 4 4		
Total ...				3,39,87,920 1 6	3,10,880 9 5	3,42,98,800 10 11

* Stoppage is recorded against these Debentures.

† The market value of the securities on 31st March 1946 is Rs. 3,65,47,754-14-8 as shown in Appendix No. 16-A and after adding the cash balance of Rs. 323-4-4 and the interest accrued on the securities upto 31st March 1946 amounting to Rs. 3,10,880-9-5 the total amount of Sinking Fund is Rs. 3,68,58,958-12-5.

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix

Statement showing Outstanding Loans due by the Municipality, the interest outstanding on 1st

Imperial Bank of India, and in Office during that year

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1945.	Amount raised in 1945-46	Total.	Amount re-paid in 1945-46
1	2	3	4	5	6	7
	Loans raised from Government.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Vehar Water Works Debt ...	4 per cent	7,58,059 15 9		A 7,58,059 15 9	85,190 3 0
2	Conversion Loan for the repayment of Rs. 125 Lakhs taken from Government out of the 6½ per cent. Bombay Development Loan ...	3½ per cent.	37,88,106 3 0		B 37,88,106 3 0	5,81,967 9 0
3	2nd Instalment out of the Loan of Rs. 1½ crores for Water Works Roads, Drainage and Sewerage, &c.	5½ per cent. (inclusive of Income-tax).	21,21,244 15 0		C 21,21,244 15 0	2,18,198 8 0
		4¾ per cent.	10,07,147 6 0		C 10,07,147 6 0	1,06,418 8 0
4	140 Lakhs Loans for General Supervision, Fire Brigade, &c., purposes	5½ per cent.	49,87,730 7 0		C 49,87,730 7 0	5,13,057 14 0
		5¼ per cent.	11,63,663 9 0		C 11,63,663 9 0	1,04,451 10 0
5	65 Lakhs Loan for Tansa Triplication Scheme ...	5½ per cent.	30,16,169 15 0		C 30,16,169 15 0	2,70,732 1 0
6	2½ Crores Loan for Water Works, General Supervision and Development, &c., purposes	5½ per cent.	50,23,530 15 0		C 50,23,530 15 0	4,50,914 10 0
		5¼ per cent.	59,05,270 5 0		D 59,05,270 5 0	5,30,060 5 0
7	2 Crores Loan for major Development Works	5 per cent.	63,96,840 7 0		C 63,96,840 7 0	5,08,579 0 0
		5 per cent.	11,67,337 15 0		D 11,67,337 15 0	92,809 2 0
		5½ per cent.	27,62,272 13 0		C 27,62,272 13 0	1,91,906 10 0
		5½ per cent.	22,09,817 3 0		C 22,09,817 3 0	1,53,526 10 0
		5 per cent.	17,29,710 2 0		C 17,29,710 2 0	1,08,668 8 0
8	150 Lakhs Loan (1925-26)	5 per cent.	23,06,261 10 0		C 23,06,261 10 0	1,44,892 14 0
		3¾ per cent.	23,37,112 7 0		C 23,37,112 7 0	1,42,788 5 0
	Total Loans raised from Government Rs.		4,66,80,276 3 9		4,66,80,276 3 9	42,04,162 5 0
	Loans raised from the Public.					
1	The Tansa Water Works Loan (Rs. 147 Lakhs) ...	5 per cent.	70,01,000 0 0		70,01,000 0 0	(a) 15,54,000 0 0
2	The 13½ Lakhs Loan for the construction of quarters for Halalkhores and Bigaries ...	4 per cent.	9,000 0 0		9,000 0 0	(a) E 7,500 0 0
3	25 Lakhs Loan for Sewerage, Water and other Sanitary Works ...	4 per cent.	1,000 0 0		1,000 0 0	(a)
4	19½ Lakhs Loan for Sewerage, Roads and other Sanitary Works ...	4 per cent.	3,000 0 0		3,000 0 0	(a)
5	24½ Lakhs Loan for certain Sewerage and Water Works ...	4 per cent.	7,000 0 0		7,000 0 0	(a) 2,500 0 0
6	The 2nd 24¾ Lakhs Loan for certain Sewerage Works	4 per cent.	24,75,000 0 0		24,75,000 0 0	(a)
7	The 15 Lakhs Loan for Street Improvements ...	4 per cent.	15,00,000 0 0		15,00,000 0 0	(a)
8	The 30 Lakh Loan for the Acquisition of Sites for the Constructionof Overbridges...	4 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
9	The 70 Lakhs Loan for re-duplication of Tansa Main and other Auxiliary Works ...	4 per cent.	70,00,000 0 0		70,00,000 0 0	(a)
10	The 20 Lakhs Loan for Street Improvements ...	4 per cent.	20,00,000 0 0		20,00,000 0 0	(a)
11	The 43 Lakhs Loan for Drainage Water, Roads and Miscellaneous Works, ...	4 per cent.	43,00,000 0 0		43,00,000 0 0	43,00,000 0 0
12	The 10 Lakhs Loan for the Conversion of the Storm Water Reservoir at Clerk Road into a Public Park ...	5 per cent.	10,00,000 0 0		10,00,000 0 0	(a)
13	The 30 Lakhs Loan for the construction of Building and Drainage Works and the Acquisition of Land for different purposes	4 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
14	160 Lakhs Loan for the Improvement of the Water Supply in Bombay (First Issue).	6 per cent.	67,77,000 0 0		67,77,000 0 0	(a)
	Carried over Rs. ...		3,80,73,000 0 0		3,80,73,000 0 0	58,64,000 0 0
	Carried over Rs. ...		4,66,80,276 3 9		4,66,80,276 3 9	42,04,162 5 0

A—The loan is payable in monthly instalments of Rs. 9,498 (Principal and Interest) out of Revenue. No Sinking Fund has been created for this loan.

B—This loan is repayable out of revenue in annual equal instalments including principal and interest based on the amortization of the loans within a period of 15 years No Sinking Fund has been created for this loan.

C—These loans are payable out of revenue in annual equal instalments including principal and interest based on the amortization of the loans within a period of 30 years. No Sinking Fund has been created for these loans.

D—These loans are raised for development purposes. The programmes of repayment have been approved under Corporation Resolutions Nos. 5253 of September 1928 and 81 of 3rd May 1934.

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in Appendix No. 10.

E—As the debentures in respect of this loan remained unpaid for more than six years from the date of its repayment the amount thereof has been credited to Revenue except the amount of Debentures for Rs. 1,500/- against which stoppage has been recorded.

No 11.

April 1945 on the different Loans, the amount payable for the year 1945-46 the amount paid by the and the balances outstanding on 31st March 1946.

	Balance due on 31st March 1946.	Interest outstanding on 1st April 1945.	Interest payable in 1945-46	Total interest due	Deduct—Interest paid by the Imperial Bank of India and in Office.	Outstanding balance on 31st March 1946
	8	9	10	11	12	13
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	6,72,869 12 9	...	28,785 13 0	28,785 13 0	28,785 13 0	...
	32,06,138 10 0	...	1,23,113 7 0	1,23,113 7 0	1,23,113 7 0	...
	19,03,046 7 0	...	1,16,668 8 0	1,16,668 8 0	1,16,668 8 0	...
	9,00,728 14 0	...	47,839 8 0	47,839 8 0	47,839 8 0	...
	44,74,672 9 0	...	2,74,325 2 0	2,74,325 2 0	2,74,325 2 0	...
	10,59,211 15 0	...	61,092 6 0	61,092 6 0	61,092 6 0	...
	27,45,437 14 0	...	1,58,348 15 0	1,58,348 15 0	1,58,348 15 0	...
	45,72,616 5 0	...	2,63,735 6 0	2,63,735 6 0	2,63,735 6 0	...
	53,75,210 0 0	...	3,10,026 11 0	3,10,026 11 0	3,10,026 11 0	...
	58,88,261 7 0	...	3,19,842 0 0	3,19,842 0 0	3,19,842 0 0	...
	10,74,528 13 9	...	58,366 14 0	58,366 14 0	58,366 14 0	...
	25,70,366 3 0	...	1,45,019 6 0	1,45,019 6 0	1,45,019 6 0	...
	20,56,290 9 0	...	1,16,015 6 0	1,16,015 6 0	1,16,015 6 0	...
	16,21,041 10 0	...	86,485 8 0	86,485 8 0	86,485 8 0	...
	21,61,368 12 0	...	1,15,313 2 0	1,15,313 2 0	1,15,313 2 0	...
	21,94,324 2 0	...	87,641 11 0	87,641 11 0	87,641 11 0	...
	4,24,76,113 14 9	...	23,12,619 11 0	23,12,619 11 0	23,12,619 11 0	...
	54,47,000 0 0	12,633 8 0	3,28,750 0 0	3,41,383 8 0	3,27,800 1 0	13,583 7 0
F	1,500 0 0	1,702 14 0	...	1,702 14 0	150 0 0	*† 1,552 14 0
F	1,000 0 0	1,010 12 0	...	1,010 12 0	630 12 0	380 0 0
E	3,000 0 0	1,510 10 4	...	1,510 10 4	...	1,510 10 4
E	4,500 0 0	1,681 5 8	...	1,681 5 8	50 0 0	1,631 5 8
	24,75,000 0 0	830 0 0	99,000 0 0	99,830 0 0	98,993 12 0	836 4 0
	15,00,000 0 0	1,556 9 0	60,000 0 0	61,556 9 0	59,118 0 0	2,438 9 0
	30,00,000 0 0	23,100 13 0	1,20,000 0 0	1,43,100 13 0	1,18,756 3 0	24,344 10 0
	70,00,000 0 0	8,869 13 2	2,80,000 0 0	2,88,869 13 2	2,80,989 9 0	7,880 4 2
	20,00,000 0 0	3,212 8 0	80,000 0 0	83,212 8 0	77,987 6 0	5,225 2 0
	...	...	14,334 0 0	14,334 0 0	14,333 5 4	* 0 10 8
	10,00,000 0 0	...	50,000 0 0	50,000 0 0	50,000 0 0	...
	30,00,000 0 0	...	1,20,000 0 0	1,20,000 0 0	1,20,000 0 0	...
	67,77,000 0 0	48,188 3 0	4,06,620 0 0	4,54,808 3 0	4,08,610 8 0	46,197 11 0
	3,22,09,000 0 0	1,04,297 0 2	15,58,704 0 0	16,63,001 0 2	15,57,419 8 4	1,04,027 15 2 *1,553 8 8
	4,24,76,113 14 9	...	23,12,619 11 0	23,12,619 11 0	23,12,619 11 0	...

* To be treated as savings.

† Allowed to lapse as the interest is not drawn for more than six years after repayment of the Debentures.

E.—Debentures in respect of these loans have remained unpaid owing to their not having been surrendered for repayment upto 31st March 1946. The Debentures do not carry interest from and after the due dates and will be paid when surrendered for repayment by the holders, out of the Sinking Fund Investments.

F Stoppage is recorded against these Debentures.

Appendix

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1945.	Amount raised in 1945-46.	Total.	Amount re-paid in 1945-46.
1	2	3	4	5	6	7
	Brought forward ...		Rs. a. p. 4,66,80,276 3 9	Rs. a. p.	Rs. a. p. 4,66,80,276 3 9	Rs. a. p. 42,04,162 5 0
	Brought forward ...		3,80,73,000 0 0		3,80,73,000 0 0	58,64,000 0 0
	Loans raised from the Public—*contd.*					
15	160 Lakhs Loan for the Improvement of the Water Supply in Bombay (Second Issue).	6 per cent.	92,23,000 0 0		92,23,000 0 0	(a)
16	Rs. 25 Lakhs Loan (1927-28) ...	5 per cent.	25,00,000 0 0		25,00,000 0 0	(a)
17	Rs. 37 Lakhs Loan (1929-30) ...	5 per cent.	26,21,500 0 0		26,21,500 0 0	(a)
18	Rs. 31.43 Lakhs Loan for the repayment of Rs. 40 Lakhs Loan due 19th December 1929 ...	5 per cent.	26,14,000 0 0		26,14,000 0 0	(a)
19	Rs. 28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929 ...	5 per cent.	8,45,500 0 0		8,45,500 0 0	(a)
20	Rs. 40 Lakhs Loan (1950-60) ...	6 per cent.	40,00,000 0 0		40,00,000 0 0	(a)
21	Rs. 9 Lakhs Loan (1935-36) ...	3½ per cent.	9,00,000 0 0		9,00,000 0 0	(a)
22	Rs. 24½ Lakhs Loan (1936-37)	3 per cent.	24,50,000 0 0		24,50,000 0 0	(a)
23	Rs. 30 Lakhs Loan (1937-38) ...	3 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
24	Rs. 30 Lakhs Loan (1938-39) ...	3 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
25	Rs. 64 Lakhs Loan (1939-40) ...	3 per cent.	64,00,000 0 0		64,00,000 0 0	(a)
26	Rs. 48 Lakhs Loan (1940-41)	3½ per cent.	48,00,000 0 0		48,00,000 0 0	(a)
27	Rs. 25 Lakhs Loan (1941-42) ...	3½ per cent.	25,00,000 0 0		25,00,000 0 0	(a)
28	Rs. 20 Lakhs Loan (1943-44) ...	3½ per cent.	20,00,000 0 0		20,00,000 0 0	(a)
29	Rs. 22 Lakhs Loan (1944-45) ...	3½ per cent.	5,00,000 0 0	17,00,000 0 0	22,00,000 0 0	(a)
30	Rs. 25 Lakhs Loan (1945-46) ...	3½ per cent.	...	5,00,000 0 0	5,00,000 0 0	
	Total Loans raised from the public ...		8,54,27,000 0 0	22,00,000 0 0	8,76,27,000 0 0	58,64,000 0 0
	Advances from Special Funds for Capital Works.					
1	Rs. 8½ lakhs Advance from Plant and Machinery Depreciation Fund (1931-32) Rs. 13 lakhs Advance from Special Fund (1932-33)	5 per cent.	6,03,353 7 0		6,03,353 7 0	23,349 6 0
2	Rs. 8 lakhs from Renewal of Road Surfaces Fund ...	4½ per cent.	5,87,815 8 0		5,87,815 8 0	21,888 5 0
3	Rs. 1½ lakhs from Plant and Machinery Depreciation Fund ...	4½ per cent.	1,10,211 2 0		1,10,211 2 0	4,104 8 0
4	Rs. 3½ lakhs from Plant and Machinery Depreciation Fund ... Rs. 11 lakhs Advance from Special Funds (1933-34).	4½ per cent.	2,70,593 1 0		2,70,593 1 0	9,310 5 0
5	Rs. 5 lakhs form Municipal Fire and Accident Insurance Fund ...	4 per cent.	3,79,769 2 0		3,79,769 2 0	13,724 4 0
6	Rs. 3 lakhs from Renewal of Road Surfaces Fund ...	4 per cent.	2,35,779 6 0		2,35,779 6 0	7,917 13 0
7	Advance from Net Premia fund for repayment of an advance from Fines Fund ... Rs. 8.69 lakhs Advance form Special Funds	4 per cent.	2,27,861 9 0		2,27,861 9 0	8,234 8 0
8	Rs. 5 lakhs from Net Premia Fund ...	4 per cent.	3,92,965 8 0		3,92,965 8 0	13,196 6 0
9	Rs. 3.69 lakhs from Net Premia Fund ... Advances from Land Sales Reserve Fund	4 per cent.	2,99,375 13 0		2,99,375 13 0	9,363 15 0
10	Rs. 18.75 lakhs (1937-38) ...	3 per cent.	16,45,849 12 2		16,45,849 12 2	5,05,264 2 9
11	Rs. 3.50 lakhs (1938-39) ...	3 per cent.	3,50,000 0 0		3,50,000 0 0	...
	Advances for purchase of Plant and Machinery from Net Premia Fund—		51,03,574 4 2	...	51,03,574 4 2	6,16,353 8 9
12	Advance of Rs. 83,000 taken in 1936-37 ...	3 per cent.	46,381 6 0		46,381 6 0	5,216 9 0
13	Advance of Rs. 1,91,500 taken in 1937-38...	3 per cent.	94,936 11 0		94,936 11 0	*13,806 5 0
14	Advance of Rs. 2,16,600 taken in 1938-39...	3 per cent.	1,15,922 2 0		1,15,922 2 0	9,050 5 0
15	Advance of Rs. 1,71,400 taken in 1939-40...	3 per cent.	87,507 15 0		87,507 15 0	†25,711 13 0
16	Advance of Rs. 40,100 taken in 1940-41 ...	3 per cent.	29,356 7 0		29,356 7 0	2,890 5 0
17	Advance of Rs. 43,200 taken in 1941-42 ...	3 per cent.	37,064 9 0		37,064 9 0	2,169 1 0
18	Advance of Rs. 27,100 taken in 1942-43 ...	3 per cent.	22,804 8 0		22,804 8 0	2,244 14 0
19	Advance of Rs. 73,566 taken in 1943-44 ...	3 per cent.	68,382 0 0		68,382 0 0	5,339 9 0
20	Advance of Rs. 89,537-4-6 taken in 1944-45	3 per cent.	89,537 4 6		89,537 4 6	6,308 14 0
21	Advance of Rs. 55,216-4-0 taken in 1945-46	3 per cent.	...	55,216 4 0	55,216 4 0	...
	Total ...		5,91,892 14 6	55,216 4 0	6,47,109 2 6	72,737 11 0
	Advance from Net Premia Fund for meeting expenditure on Renewal of Road Surface for which no provision exists in the Renewal of Road Surface Fund—					
22	Advance of Rs. 31,200 taken in 1940-41 ...	3 per cent.	24,179 14 0		24,179 14 0	1,888 10 0
23	Advance of Rs. 33,800 taken in 1941-42 ...	3 per cent.	28,183 13 0		28,183 13 0	1,985 8 0
24	Advance of Rs. 26,072-10-0 taken 1943-44	3 per cent.	24,670 13 0		24,670 13 0	1,443 14 0
25	Advance of Rs. 38,571-7-0 taken in 1944-45	3 per cent.	38,571 7 0		38,571 7 0	2,073 14 0
26	Advance of Rs. 94,206-7-0 taken in 1945-46	3 per cent.	...	94,206 7 0	94,206 7 0	...
	Total ...		1,15,605 15 0	94,206 7 0	2,09,812 6 0	7,391 14 0
	Total Advances from Special Funds ...		58,11,073 1 8	1,49,422 11 0	59,60,495 12 8	6,96,483 1 9
	Grand Total ...		13,79,18,349 5 5	23,49,422 11 0	14,02,67,772 0 5	1,07,64,645 6 9

(*a*) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail in Appendix No. 10.

* Includes Rs. 3,526-10-0 re-paid to the fund out of Compensation received from Government for machinery lost in the explosion in April 1944.

† Includes Rs. 20,478-11-0 re-paid to the fund out of Compensation received from Government for machinery lost in the explosion in April 1944.

J. K. DARUVALA,
Chief Accountant.

No. 11—*concluded.*

Balance due on 31st March 1946.	Interest outstanding on 1st April 1945	Interest payable in 1945-46	Total Interest due.	Deduct—Interest paid by the Imperial Bank of India and in Office.	Outstanding Balance on 31st March 1946.
8	9	10	11	12	13
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
4,24,76,113 14 9	...	23,12,619 11 0	23,12,619 11 0	23,12,619 11 0	...
3,22,09,000 0 0	1,04,297 0 2	15,58,704 0 0	16,63,001 0 2	15,57,419 8 4	1,04,027 15 2 *1,553 8 8
92,23,000 0 0	22,267 0 0	5,53,380 0 0	5,75,647 0 0	5,43,306 7 0	32,340 9 0
25,00,000 0 0	...	1,25,000 0 0	1,25,000 0 0	1,25,000 0 0	...
26,21,500 0 0	5,871 3 0	1,31,075 0 0	1,36,946 3 0	1,28,805 2 0	8,141 1 0
26,14,000 0 0	17,860 10 0	1,30,700 0 0	1,48,560 10 0	1,27,634 5 0	20,926 5 0
8,45,500 0 0	3,478 15 0	42,275 0 0	45,753 15 0	41,542 5 0	4,211 10 0
40,00,000 0 0	21,549 15 0	2,40,000 0 0	2,61,549 15 0	2,30,719 8 0	30,830 7 0
9,00,000 0 0	47,250 0 0	31,500 0 0	78,750 0 0	63,000 0 0	15,750 0 0
24,50,000 0 0	...	73,500 0 0	73,500 0 0	73,500 0 0	...
30,00,000 0 0	...	90,000 0 0	90,000 0 0	90,000 0 0	...
30,00,000 0 0	...	90,000 0 0	90,000 0 0	90,000 0 0	...
64,00,000 0 0	...	1,92,000 0 0	1,92,000 0 0	1,92,000 0 0	...
48,00,000 0 0	...	1,68,000 0 0	1,68,000 0 0	1,68,000 0 0	...
25,00,000 0 0	...	87,500 0 0	87,500 0 0	87,500 0 0	...
20,00,000 0 0	...	70,000 0 0	70,000 0 0	70,000 0 0	...
22,00,000 0 0	...	77,000 0 0	77,000 0 0	24,227 13 0	*52,772 3 0
5,00,000 0 0	...	70,000 0 0	70,000 0 0	...	*70,000 0 0
8,17,63,000 0 0	2,22,574 11 2	37,30,634 0 0	39,53,208 11 2	36,12,655 0 4	2,16,227 15 2 *1,24,325 11 8
5,80,004 1 0	...	30,167 10 0	30,167 10 0	30,167 10 0	...
5,65,927 3 0	...	26,451 11 0	26,451 11 0	26,451 11 0	...
1,06,106 10 0	...	4,959 8 0	4,959 8 0	4,959 8 0	...
2,61,282 12 0	...	12,176 11 0	12,176 11 0	12,176 11 0	...
3,66,044 14 0	...	15,190 12 0	15,190 12 0	15,190 12 0	...
2,27,861 9 0	...	9,431 3 0	9,431 3 0	9,431 3 0	...
2,19,627 1 0	...	9,114 8 0	9,114 8 0	9,114 8 0	...
3,79,769 2 0	...	15,718 10 0	15,718 10 0	15,718 10 0	...
2,90,011 14 0	...	11,975 1 0	11,975 1 0	11,975 1 0	...
11,40,585 9 5	...	49,376 0 0	49,376 0 0	49,375 8 0	* 0 8 0
3,50,000 0 0	...	10,500 0 0	10,500 0 0	10,500 0 0	...
44,87,220 11 5	...	1,95,061 10 0	1,95,061 10 0	1,95,061 2 0	* 0 8 0
41,164 13 0	...	1,391 7 0	1,391 7 0	1,391 7 0	...
81,130 6 0	...	2,848 2 0	2,848 2 0	2,742 5 0	*105 13 0
1,06,871 13 0	...	3,477 11 0	3,477 11 0	3,477 11 0	...
61,796 2 0	...	2,625 4 0	2,625 4 0	2,010 14 0	*614 6 0
26,466 2 0	...	880 11 0	880 11 0	880 11 0	...
34,895 8 0	...	1,111 15 0	1,111 15 0	1,111 15 0	...
20,559 10 0	...	684 2 0	684 2 0	684 2 0	...
63,042 7 0	...	2,051 7 0	2,051 7 0	2,051 7 0	...
83,228 6 6	...	9,980 13 0	9,980 13 0	2,686 2 0	*7,294 11 0
55,216 4 0	...	2,174 0 0	2,174 0 0	...	*2,174 0 0
5,74,371 7 6	...	27,225 8 0	27,225 8 0	17,036 10 0	*10,188 14 0
22,291 4 0	...	725 6 0	725 6 0	725 6 0	...
26,198 5 0	...	845 8 0	845 8 0	845 8 0	...
23,226 15 0	...	740 2 0	740 2 0	740 2 0	...
36,497 9 0	...	4,380 0 0	4,380 0 0	1,157 2 0	*3,222 14 0
94,206 7 0	...	6,000 0 0	6,000 0 0	...	*6,000 0 0
2,02,420 8 0	...	12,691 0 0	12,691 0 0	3,468 2 0	*9,222 14 0
52,64,012 10 11	...	2,34,978 2 0	2,34,978 2 0	2,15,565 14 0	*19,412 4 0
12,95,03,126 9 8	2,22,574 11 2	62,78,231 13 0	65,00,806 8 2	61,40,840 9 4	2,16,227 15 2 *1,43,737 15 8

* To be treated as savings.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 12.

WATER WORKS ACCOUNT.

Revenue Account for the year ended 31st March 1946.

INCOME.	Rs.	EXPENDITURE.	Rs.
Water Tax and other Miscellaneous Water Works Revenue—*Vide* details in Appendix —No. 3) ...	1,28,52,321	General Superintendence (⅛th proportion of) ...	1,28,992
		Assessment and collection Charges (3/10th proportion of) ...	2,02,399
		Provident Fund, Pension, etc., charges ...	1,15,001
		Amount and credited to Post War Reconstruction Fund ...	10,00,000
		Maintenance of Water Works (*vide* Appendix No. 4) ...	13,67,241
		New Works (*vide* Appendix No. 4) ...	39,569
			28,53,202
		Surplus carried down ...	99,99,119
Total Rs. ...	1,28,52,321	Total Rs. ...	1,28,52,321

*This includes Rs. 80,91,897, being the amount of Water Tax by measurement, realised during 1945-46 as shown in the following statement:—

Net Revenue Account for the year ended 31st March 1946.

	Rs.		Rs.
Surplus brought down ...	99,99,119	Interest on Water Works Loans (Debt) ...	
		Due to Government—	
		Vehar Debt	28,786
		75 Lakhs out of 1½ Crores Loan	1,18,293
		65 Lakhs Loan for Tansa Triplication Scheme	1,58,349
		2 Crores Loan for Major Development Works	2,82,452
		2½ Crores Loan for General Supervision, Water Works, etc.	3,825
		150 Lakhs Loan 1925-26	3,16,814
		82.67 Lakhs Conversion Loan	58,900
			9,67,419
		Due to the Public—	
		147 Lakhs Tansa Water Works Loan	3,27,800
		25 Lakhs Sewerage, etc., Works Loan	1,313
		24¾ Lakhs Sewerage and Water Works Loan	12
		70 Lakhs for Reduplication of the Tansa Main and other Auxiliary Works...	2,80,614
		43 Lakhs for Drainage, Water, Roads and Miscellaneous Works ...	424
		160 Lakhs for Improvement of water supply in Bombay	9,51,917
		31.43 Lakhs Loan	31,908
		37 Lakhs Loan	2,032
		40 Lakhs Loan	7,628
		24½ Lakhs Loan (1936-37)	16,258
		9 Lakhs Loan	9,837
		30 Lakhs Loan (1937-38)	26,045
		30 Lakhs Loan (1938-39)	27,819
		64 Lakhs Loan (1939-40)	22,408
		48 Lakhs Loan (1940-41)	24,189
		25 Lakhs Loan (1941-42)	41,495
		20 Lakhs Loan (1943-44)	44,894
			18,16,593
		Advances from Special Funds—	
		Rs. 8½ Lakhs advance from Plant and Machinery Depreciation Fund ...	314
		Rs. 3 Lakhs advance from Renewal of Road Surface Fund	,974
		Rs. 3,69 Lakhs advance from Net Premia Fund	1,148
		Rs. 83,000 advance from Net Premia Fund	557
		Rs. 2,16,600 from Net Premia Fund	483
		Rs. 1,71,400 Do. do.	286
		Rs. 40,100 Do. do.	368
		Rs. 43,200 Do. do.	168
		Rs. 27,100 Do. do.	658
		Rs. 73,566 Do. do.	959
		Rs. 89,537 4 6 Do. do.	1,457
			7,372
			27,91,384
		Accrued interest on Rs. 22 Lakhs Loan	4 074
		Commission to the Imperial Bank of India for payment of Interest on the Water Works portion of the different Loans	6,259
		Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ...	1,063
			7,322
		Reduction of debt or investment of Sinking Fund of the following Water Works Loans:—	
		Vehar Debt	85,191
		Tansa Water Works Loan of Rs. 147 Lakhs	4,51,040
Carried forward ...	99,99,119	Carried forward ...	5,36,231
		Carried forward ...	28,02,780

Appendix No. 12—*concluded.*

WATER WORKS ACCOUNT.

Net Revenue Account for the year ended 31st March 1946—concluded.

INCOME—*Concld.*	Rs.	EXPENDITURE—*concld.*	Rs.
		Brought forward ...	28,02,780
Brought forward Rs....	99,99,119	Brought forward Rs....	5,36,231
		70 Lakhs Loan for Reduplication of the Tansa Main and other Auxiliary Works	78,045
		43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works ...	2,676
		1½ Crores Loan for Drainage, Water, etc., Works (2nd instalment) ...	2,33,426
		65 Lakhs Loan for Tansa Triplication Scheme	2,70,732
		2 Crores Loan for Major Development Works	4 10 436
		160 Lakhs Loan for improvement of the water supply in Bombay	2,85,280
		2½ Crores Loan for General Supervision, Water Works, etc., purposes ...	6,539
		150 Lakhs Loan 1925-26	4,05,831
		25 Lakhs Loan 1927-28	485
		31.43 Lakhs Loan	12,659
		37 Lakhs Loan	800
		40 Lakhs Loan	2,562
		82.67 Lakhs Conversion Loan	2,78,424
		24½ Lakhs Loan (1936-37)	11,392
		9 Lakhs Loan	2,954
		30 Lakhs Loan (1937-38)	18,248
		30 Lakhs Loan (1938-39)	19,492
		64 Lakhs Loan (1939-40)	15,702
		48 Lakhs Loan of (1940-41)	14,526
		25 Lakhs Loan of (1941-42)	24,919
		20 Lakhs Loan of (1944-45)	29,358
		8½ Lakhs advance from Plant and Machinery Depreciation Fund	244
		3 Lakhs advance from Renewal of Road Surfaces Fund	817
		3.69 Lakhs advance from Net Premia Fund	897
		83,000 Advance from Net Premia Fund	2,087
		2,16,600 Advance from Net Premia Fund	1,255
		1,71,400 " " "	744
		40,100 " " "	1,208
		43,200 " " "	328
		27,100 " " "	2,160
		73,566 " " "	2,494
		89,537-4-6 "	3,423
			26,76,374
		Surplus— Total Debt Charges	54,79,154
		Excess of Income over Expenditure	45,19,965
Total Rs. ...	99,99,119	Total Rs. ...	99,99,119

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK.
Ag. Municipal Commissioner.

Statement showing the quantity of water by meter supplied under different Sub-heads and the Water Tax by measurement realized at different rates for the uniform quantity of 1,000 gallons, as required by Corporation Resolution No. 6570 of 15th February 1912.

PARTICULARS.	1940-41		1941-42.		1942-43.		1943-44.		1944-45.		1945-46	
	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.	Gallons.	Amount.
1 Hotels ...	4,57,39,620	Rs. a. p. @ As. 14 0 40,023	5,87,11,620	Rs. a. p. @ As. 14 0 51,373	6,21,57,960	Rs. a. p. @ As. 14 0 54,250	7,03,52,450	Rs. a. p. @ As. 14 0 61,558	6,94,36,190	Rs. a. p. @ As. 14 0 60,756 11 0	6,97,18,820	Rs. a. p. @ As. 14 0 61,004 1 0
2 Cotton Factories ...	2,12,98,70,010	@ As. 10 0 13,30,430	2,87,57,97,760	@ As. 10 0 17,97,419	2,91,46,32,960	@ As. 10 0 21,75,575	2,94,17,03,427	@ As. 14 0 25,73,731	3,34,46,89,256	@ As. 14 0 32,23,334 1 0	2,90,02,06,404	@ As. 14 0 38,86,823 7 0
3 Flour Factories ...	1,43,81,400	@ As. 14 0 12,584	1,46,82,900	@ As. 14 0 12,847	1,19,33,000	@ As. 14 0 10,441	47,13,000	@ As. 14 0 4,124	59,43,300	@ As. 14 0 5,200 6 0	43,59,000	@ As. 14 0 3,814 2 0
4 Other Factories ...	41,26,19,694	@ As. 14 0 3,61,627	50,52,03,339	@ As. 14 0 4,54,225	58,57,68,431	@ As. 14 0 5,08,183	64,39,31,395	@ As. 14 0 5,52,363	68,14,52,354	@ As. 14 0 6,06,407 11 0	70,91,32,253	@ As. 14 0 6,20,175 0 0
5 Milch Cattle Stables ...	19,76,38,420	@ As. 10 0 1,24,700	20,35,95,980	@ As. 10 0 1,26,080	19,17,49,523	@ As. 10 0 1,18,687	16,51,70,560	@ As. 10 0 1,03,232	18,63,04,400	@ As. 10 0 1,18,246 10 0	18,69,90,310	@ As. 10 0 1,15,062 9 0
6 Government Properties (a) ...	62,95,81,540	@ As. 10 0 3,93,491	65,92,60,350	@ As. 10 0 4,12,038	58,19,10,790	@ As. 10 0 3,63,694	81,43,40,980	@ As. 10 0 5,07,034	84,09,32,620	@ As. 10 0 5,25,332 14 0	9,38,83,32,150	@ As. 10 0 6,03,697 10 0
7 Railways ...	70,97,12,610	@ As. 10 0 4,43,570	68,22,76,400	@ As. 10 0 4,26,423	49,79,65,100	@ As. 14 0 3,11,228	63,04,33,000	@ As. 10 0 3,94,021	57,59,64,800	@ As. 10 0 3,59,978 0 0	60,48,03,000	@ As. 10 0 3,78,002 1 0
8 Port Trust ...	56,25,39,418	@ As. 14 0 4,92,222	59,60,83,180	@ As. 14 0 5,21,573	63,02,03,860	@ As. 14 0 5,51,428	68,07,45,590	@ As. 14 0 5,95,652	78,56,42,977	@ As. 14 0 7,83,444 6 0	79,41,73,590	@ As. 14 0 12,09,674 3 0
9 Suburbs (b) ...	1,17,35,10,235	At different rates. 4,55,353	1,06,75,20,740	At different rates. 4,14,401	1,23,35,07,960	At different rates. 4,68,384	1,31,44,41,980	At different rates. 5,08,492	1,38,37,45,693	At different rates. 5,27,316 0 0	1,27,79,27,734	At different rates. 5,51,886 15 0
10 Miscellaneous (c)	79,51,78,877	At different rates. 5,62,108	82,84,41,777	At different rates. 5,62,025	87,39,71,395	At different rates. 6,32,983	78,58,75,153	At different rates. 5,83,690	79,23,48,883	At different rates. 6,41,015 8 0	75,62,41,967	At different rates. 6,61,756 11 0
Total	6,67,07,71,824	42,16,108	7,49,15,74,046	47,78,404	7,58,38,00,979	51,94,853	8,05,17,07,535	58,83,897	8,66,64,10,473	68,51,032 3 0	16,69,18,85,228	80,91,896 11 0

(a) The rates charged are in accordance with the Water Rules for the respective years.
(b) The rates charged are Annas 6 to Annas 12 per 1,000 gallons.
(c) The rates charged vary from Annas 10 to Rs. 2.

Appendix No. 12A.

WATER WORKS ACCOUNT.

Schedule of Liabilities and Assets at 31st March 1946.

LIABILITIES.	Rs.	ASSESTS.	Rs.
I.—DEBT PRINCIPAL—		I.—PROPERTIES—	
Due to Government—			
Vehar Debt	6,72,871		
82.67 Lakhs Conversion Loan	15,33,894		
75 Lakhs out of 1½ Crores Loan	20,16,121	Water Works executed out of Loan, Surplus and Reserve Funds (*vide* Appendix No. 8)	
2½ Crores Loan	66,314		
65 Lakhs Loan for Tansa Triplication Scheme	27,45,438		
2 Crores Loan for Major Development Works	51,00,485	Out of Loan Reserve Funds—	
150 Lakhs Loan (1925-26)	58,19,957		
		Ordinary Works	5,12,63,552
Total ...	1,79,55,080		
Due to the Public—		Tansa Completion Works ...	4,99,46,291
Tansa Water Works Loan of 147 Lakhs	54,47,000		
Water Works portion of the 25 Lakhs Loan for Sewerage, Roads and other Works	93	Works executed out of Worn-out Water Mains Renewal Fund	9,62,514
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works	1,102	Plant and Machinery Rs. 2,25,232	
70 Lakhs Loan for the Reduplication of the Tansa Main and other Auxiliary Works	69,90,737	*Less*—Written off ... 43,334	
160 Lakhs Loan for the improvement of the water-supply in Bombay ...	1,60,00,000		1,81,898
Water Works portion of the 25 Lakhs Loan (1927-28)	25,060		
Water Works portion of 31-43 Lakhs Loan	6,53,500		
Water Works portion of 37 Lakhs Loan	38,620		
Water Works portion of 40 Lakhs Loan (1928-29)	1,32,250		
Water Works portion of Rs. 9 Lakhs Loan	1,40,534		
Water Works portion of 24½ Lakhs Loan (1936-37)	5,36,517	II.—INVESTMENTS—	
Water Works portion of 30 Lakhs Loan (1937-38)	8,59,545		
Water Works portion of 30 Lakhs Loan (1938-39)	9,18,028	1. Imperial Bank of India—Municipal Loans Sinking Fund Deposit Account —(Water Works portion) ...	1,49,44,761
Water Works portion of 64 Lakhs Loan 1939-40)	7,39,529		
Water Works portion of 48 Lakhs Loan (1940-41)	6,84,174		
Water Works portion of 25 Lakhs Loan (1941-42)	11,73,642		
Water Works portion of 20 Lakhs Loan (1943-44)	6,41,738		
Water Works portion of 22 Lakhs Loan. (1944-45)	7,50,000	2. Imperial Bank of India—Worn-out Water Mains Renewal Fund Deposit Account (*vide* Appendix No. 6) ...	1,861
	3,57,32,069		
Advances from Special Funds—			
Rs. 8½ Lakhs Advance from Plant and Machinery Depreciation Fund ...	6,042		
Rs. 3 Lakhs Advance from Renewal of Road Surfaces Fund ...	23,526		
Rs. 3.69 Lakhs Advance from Net Premia Fund	27,807	3. Imperial Bank of India—Net Premia on different Municipal Loans Deposit Account (*vide* note* to Appendix No. 6) ...	20,77,691
	57,375		
Rs. 83,000 Advance from Net Premia Fund for purchase of Plant and Machinery	16,472		
Rs. 2,16,600 Advance from Net Premia Fund for purchase of Plant and Machinery	14,841		
Rs. 1,71,400 Advance from Net Premia Fund for purchase of Plant and Machinery	8,783		
Rs. 40,100 Advance from Net Premia Fund for purchase of Plant and Machinery in 1940-41	11,057		
Rs. 43,200 Advance from Net Premia Fund for purchase of Plant and Machinery in 1941-42...	5,280		
Rs. 27,100 Advance from Net Premia Fund for purchase of Plant and Machinery in 1942-43	19,786		
Rs. 73,566 Advance from Net Premia Fund for purchase of Plant and Machinery in 1943-44	29,457		
Rs. 89,537-4-6 Advance from Net Premia Fund for purchase of Plant and Machinery in 1944-45	45,154		
Rs. 55,216-4-0 Advance from Net Premia Fund for purchase of Plant and Machinery in 1945-46.	31,068		
	1,81,898		
II.—SINKING FUNDS ON MUNICIPAL LOANS (invested as per contra) ...	1,49,44,761		
III.—SPECIAL FUNDS—			
Worn-out Water Mains Renewal Fund (invested as per contra) ...	1,861		
Net Premia Fund (invested as per contra)	20,77,691		
IV.—CAPITAL ACCOUNT—			
General Reserve being Assests in excess of Liabilities 4,84,71,167			
Less—Assets Written off 43,334			
	4,84,27,833		
Total ...	11,93,78,568	Total ...	11,93,78,568

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 13.

MARKETS AND SLAUGHTER HOUSES ACCOUNT.

Revenue Account for the year ended 31st March 1946.

INCOME.	Rs.	EXPENDITURE.	Rs.
Income for the year—*vide* details in Appendix No. 3	20,62,053	General Superintendence (2½ per cent. proportion of)	25,799
		Provident Fund and Pension, etc., charges	32,317
		Maintenance Charges of Markets and Slaughter Houses (*vide* Appendix No. 4)-	
		Amount shown under IX.—Mechanical; D.—Transport, (II) Markets and Slaughter Houses, and E.—Refrigerator	1,41,577
		Amount shown under XIV.—Markets and Slaughter Houses ...	4,74,166
		New Works (*vide* Appendix No. 4)	6,528
		Surplus carried down ...	13,81,666
	20,62,053	Total Rs. ...	20,62,053

Net Revenue Account for the year ended 31st March 1946.

	Rs.		Rs.
		Interest on Loans.	
		Due to Government—	
		Rs. 1½ Crores Loan	1,821
Surplus brought down ...	13,81,666	Rs. 140 Lakhs Loan	19,405
		Rs. 2 Crores Loan	23,800
		Rs. 82,67 Lakhs Conversion Loan	4,647
			49,673
		Due to Public—	
		Rs. 43 Lakhs Loan	193
		Rs. 30 Lakhs Loan	8,000
		Rs. 24½ Lakhs Loan	848
		Rs. 30 Lakhs Loan (1937-38)	2,327
		Rs. 30 Lakhs Loan (1938-39)	4,465
		Rs. 48 Lakhs Loan (1940-41)	4,852
		Rs. 25 Lakhs Loan (1941-42)	2,679
		Rs. 22 Lakhs Loan (1944-45)	718
			24,082
		Advance from Special Funds—	
		Rs. 8½ Lakhs from Plant and Machinery Depreciation Fund ...	1,638
			75,393
		Commission to the Imperial Bank of India for the payment of Interest on the portions of the different Loans	46
		Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ...	88
			134
		Reduction of Debt or Investment of Sinking Fund.	
		Rs. 43 Lakhs Loan	1,219
		Rs. 30 Lakhs Loan	3,874
		Rs. 24½ Lakhs Loan	593
		Rs. 30 Lakhs Loan (1937-38)	1,630
		Rs. 1½ Crores Loan	3,591
		Rs. 140 Lakhs Loan	36,005
		Rs. 2 Crores Loan	37,846
		Rs. 82.67 Lakhs Conversion Loan	23,056
		Rs. 8½ Lakhs advance from Plant an d Machinery Depreciation Fund ...	1,270
		Rs. 30 Lakhs Loan (1938-39)	3,128
		Rs. 48 Lakhs Loan (1940-41)	2,914
		Rs. 25 Lakhs Loan (1941-42)	1,608
		Rs. 22 Lakhs Loan (1944-45)	1,371
			1,18,105
		Total Debt Charges ...	1,93,632
		Surplus—Excess of Income over Expenditure...	11,88,034
Total Rs. ...	13,81,666	Total Rs. ...	13,81,666

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 14.

MUNICIPAL PRINTING PRESS.

Income and Expenditure for the year 1945-46.

Expenditure.	Rs.	Details.	Amount.	Income.	Details.	Amount.
		Rs.	Rs.		Rs.	Rs.
Materials on hand and works in progress on 1st April 1945 ...			81,719			
Expenditure during the year—						
Establishment—						
(a) Permanent ...	23,003					
(b) Allowances	7,804	30,807				
Labour ...		92,249				
Materials ...		59,556				
Out Work ...		2,530				
Electric Power ...		1,529		Amount chargeable to the departments for work done ...		2,14,501
Contingencies—						
(a) Contingencies ...	1,645					
(b) Printing and Stationery ...	1,204					
(c) Delivery Charges ...	2,476					
(d) Books and Dead Stock ...	60			Amount chargeable to the private parties for work done ...		715
(e) Lighting ...	676					
		6,061				
Repairs to Machinery ...		1,000				
Depreciation ...		291		Amount of sale of waste paper & Metal ash ...		1,281
Rent ...		6,000				
Provident Fund ...		5,992		Extraordinary receipts ...		607
Debt charges—						
(1) Interest ...	9,866					
(2) Repayment of capital ...	5,147			*Stock at close*—		
		15,013				
Proportionate Share of T. A. O.'s Salary ...		2,000				
			2,23,028	Works in progress ...	46,694	
Private Works—						
Labour ...		359		Materials on hand ...	44,283	
Materials ...		190				90,977
Contingencies ...		122				
Proportionate share of T.A.O.'s Salary ...		17	688			
			3,05,435			
Difference representing surplus (1) Rs. 2619 on departmental works and (2) Rs. 27 on private works transferred to revenue.			2,646			
			3,08,081			3,08,081

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 14—A.

Statement of Advance Accounts for 1945-46.

Name of Account.	Opening Balance on 1st April 1945.	Debits during 1945-46.	Total.	Credits during 1945-46.	Closing Balance on 31st March 1946.
	Rs.	Rs.	Rs.	Rs.	Rs.
Departmental Works—					
Water Works ...	62,406	40,604	1,03,010	60,205	42,805
Printing Press ...	1,06,095	2,23,028	3,29,123	1,68,259	(a)1,60,864
Workshops ...	41,898	2,31,514	2,73,412	1,42,747	1,30,665
Architectural Branch ...	48,429	1,86,249	2,34,678	1,90525	44,153
Roads, Buildings and Drainage ...	2,16,239	8,60,400	10,76,639	7,91,728	2,84,911
Health Department ...	660	6,565	7,225	4,342	2,883
Total ...	4,75,727	15,48,360	20,24,087	13,57,806	6,66,281
Private Works—					
Workshops ...	3,494	1,341	4,835	488	4,347
Water Works ...	1,15,219	53,239	1,68,458	54,143	1,14,315
Roads, Buildings and Drainage ...	1,38,824	3,47,616	4,86,440	1,99,904	2,86,536
Architectural Branch ...	2,038	2,411	4,449	1,602	2,847
Health Department ...	790	996	1,786	796	990
Printing Press ...	519	687	1,206	566	640
Housing Numbering ...	30	...	30	14	16
Total ...	2,60,914	4,06,290	6,67,204	2,57,513	4,09,691
Asphalt Plant, Crushers, etc.—					
Asphalt Plant ...	1,57,952	2,13,196	3,71,148	1,85,467	(b)1,85,681
Sewri Crushers ...	32,955	1,20,751	1,53,706	1,24538	(c) 29,168
Mechanical Transport ...	26,237	1,70,900	1,97,137	1,42,484	(d) 54,653
Worli Crushers ...	15,244	69,792	85,036	53,543	(e) 31,493
Manufacture of Pre-cast Concrete Slabs ...	5,629	1,383	7,012	2,524	(f) 4,488
Total	2,38,017	5,76,022	8,14,039	5,08,556	3,05,483
Municipal Officers—					
Dishonoured cheques ...	...	5,22,984	5,22,984	5,22,984	...
Standing advance for Contingent Expenses ...	22,232	1,400	23,632	100	23,532
Motor cars and motor cycles to officers ...	3,919	3,000	6,919	1,982	4,937
Cycle advances to Subordinates ...	100	...	100	70	30
Total ...	26,251	5,27,384	5,53,635	5,25,136	28,499
Miscellaneous Advances ...	2,97,983	2,95,277	5,93,260	4,19,451	*1,73,809
Improvement Schemes ...	1,144	...	1,144	60	1,084
Total ...	2,99,127	2,95,277	5,94,404	4,19,511	1,74,893
Municipal Contractors ...	30,115	24,914	55,029	36,214	18,815
Municipal Tenderers ...	2	1	3	...	3
Purchase of Coal ...	14,072	...	14,072	...	14,072
Purchase of Petrol ...	7,665	3,74,639	3,82,304	3,96,879	†cr.14,575
Total ...	51,854	3,99,554	4,51,408	4,33,093	18,315
Grand Total ...	13,51,890	37,52,887	51,04 7/7	35,01,615	16,03,162

(a) Works in progress ... Rs. 46,694
Materials on hand ... 44,283
Outstanding Bills ... 69887
Rs. 1,60,864

(b) Stock on hand. Rs. 29,573
Outstanding bills 1,56,108
Total ... 1,85,681

(c) Stock on hand ... Rs. 23,876
Outstanding bills 5,292
Total ... 29,168

(d) Outstanding bills Rs. 54,653
Total ... 54,653

(e) Stock on hand ... Rs. 30,097
Outstanding bills 1,396
Total 31,493

(f) Stock on hand ... Rs. 1,396
Outstanding bills 2,100
unadjusted loss carried forward 992
Total ... 4,488

* Includes Rs. 20,000 on account of Municipal Contribution to the Schools Committee for maintaining the minimum Cash Balance as required under Bye-law No. 10 relating to the Schools Committee.

† Stock received in 1945-46 but paid in 1946-47 ... Rs. 34,213
† Outstanding Petrol and Diesel oil bills ... 13,225
Stock in hand with M.E. Petrol ... 6,049
" " " Diesel oil ... 364
19,638
Total cr. ... 14,575

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK.
Ag. Municipal Commissioner.

Appendix No. 14-B.

Statement showing Advances out of Special Funds during 1945-46.

Name of Account.	Opening Balance on 1st April 1945.	Debits during 1945-46.	Total.	Credit during 1945-46.	Closing Balance on 31st March 1946.
Charges met out of—	Rs.	Rs.	Rs.	Rs.	Rs.
Municipal Fire and Accident Insurance Fund	...	234	234	234	...
Fines Fund	8,798	51,066	59,864	52,127	7,737
Garden Fund	..	10,153	10,153	10,153	...
G. S. M. College and K. E. M. Hospital Research Fund	...	4,470	4,470	4,470	...
Slum Service Fund	...	...	...	...	...
Renewal of Road Surfaces Fund	...	2,22,024	2,22,024	2,22,024	...
K.E. M. Hospital & G. S. M. College Equipment Fund	...	...	...	...	...
Advance from Plant and Machinery Depreciation Fund for—					
Purchases of Machinery, etc., pending adjustment against the provisions for depreciation in subsequent years	68,064	6,060	74,124	24,284	49,840
Levelling, metalling, etc., Private Streets...	56,728	2,694	59,422	16,234	43,188
Advance from Net Premia Fund for purchase of Machinery for the Municipal Printing Press	1,39,912	...	1,39,912	5,147	1,34,765
Advances for Capital Works from—					
Municipal Fire and Accident Insurance Fund	3,79,769	...	3,79,769	13,724	3.66,045
Plant and Machinery Depreciation Fund	9,84,158	...	9,84,158	36,765	9,47,393
Renewal of Road Surfaces Fund	8,23,595		8:23,595	29,806	7,93,789
Net Premia Fund	16,27,702	1,49,423	17,77,125	1,10,925	16,66,200
Land Sales Reserve Fund	19,95,850	...	19,95,850	5,05,264	14,90,586
Total Rs. ...	60,84,576	4,46,124	65,30,700	10,31,157	54,99,543

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 14-C.

Statement of Deposit Accounts for 1945-46.

Name of Account.	Opening Balance on 1st April 1945.	Credits during 1945-46.	Total.	Debits during 1945-46.	Closing Balance on 31st March 1946.
	Rs.	Rs.	Rs.	Rs.	Rs.
A.—Cash Deposits from Contractors, etc.—					
(1) From Contractors ...	1,84,622	2,99,457	4,84,079	1,46,869	3,37,210
(2) From Tenderers ...	4,73,580	11,62,035	16,35,615	12,24,740	4,10,875
...	6,58,202	14,61,492	21,19,694	13,71,609	7,48,085
B.—Cash Deposits from private parties received through Departmental Officers—					
(1) City Engineer ...	3,59,671	2,15,424	5,75,095	1,03,210	4,71,885
(2) Hydraulic Engineer ...	5,70,264	2,12,524	7,82,788	2,52,129	5,30,659
(3) Assessor and Collector ...	5,91,007	1,00,48,508	1,06,39,515	1,00,29,926	6,09,589
(4) Executive Health Officer ...	69,135	1,462,75	21,54,10	136,208	1,79,202
(5) Estate Agent and Land Manager—					
(*i*) Improvement Schemes ...	7,00,411	8,45,971	15,46,382	9,28,740	6,17,642
(*ii*) Municipal Properties ...	4,62,820	2,29,778	6,92,598	26,0;228	4,323,70
(6) Dean, (*i*) K. E. M. Hospital ...	2,605	1,06,630	1,09,235	47,568	61,667
Dean, (*ii*) G. S. M. College ...	52,232	48,526	1,00,758	75,570	25,188
(7) Superintendent of Licences ...	60,215	1,30,862	1,91,077	1,30,219	60,858
(8) Superintendent of Markets ...	20,694	31,419	52,113	17,506	34,607
(9) Controller of Stores ...	9,914	39,208	49,122	44,033	5,089
(10) Election and Town Duty Officer ...	548	5,825	6,373	4,939	1,434
(11) Municipal Commissioner ...	349	370	719	50	669
(14) Curator Museum ...	4,956	4,465	9,421	3,051	6,370
(15) Legal Assistant ...	130	...	130	45	85
(16) Chief Officer, Fire Brigade ...	7,040	4,309	11,349	123	11,226
(17) Superintendent of Gardens ...	24,045	8,158	32,203	19,963	12,240
(18) Mechanical Engineer ...	17,244	78,500	95,744	67,544	28,200
...	29,53,280	1,21,56,752	1,51,10,032	1,20,21,052	30,88,980
C.—Other Cash Deposits ...	7,15,536	28,64,949	35,80,485	26,49,178	9,31,307
D.—Cash Deposits from Lessees ...	31,78,372	7,18,006	38,96,378	6,93,246	32,03,132
E.—Paper Deposits (Kept in Office)—					
(1) From Contractors, etc. ...	1,47,100	1,21,80,200	1,23,27,300	70,19,600	53,07,700
(2) From Tenderers ...	3,83,200	12,77,000	16,60,200	12,26,300	4,33,900
(4) Securities held under objection ...	64,900	1,43,800	2,08,700	84,400	1,24,300
...	5,95,200	1,36,01,000	1,41,96,200	83,30,300	58,65,900
F.—Paper Deposits from Municipal employees and contractors lodged with the Imperial Bank of India ...	4,15,300	5,65,700	9,81,000	2,62,200	7,18,800
G.—Paper Deposits from lessees, etc., lodged with the Imperial Bank of India ...	4,97,500	7,13,100	12,10,600	2,70,200	9,40,400
H.—Cash deposits from A. G. Bombay for A.R.P. expenditure ...	18,316	1,94,252	2,12,568	1,90,125	22,443
I.—Government Subsidised Milk Distribution Scheme ...	2,78,213	3,32,49,767	3,35,27,980	3,25,83,926	9,44,054
J.—Citizens Special Emergency Relief Fuud ...	1,190	...	1,190	...	1,190
K.—Mayor's Special Emergency Relief Fund ...	1,434	...	1,434	...	1,434
L.—Cash Deposits from Accountant General Bombay in respect of Municipal claims arising for Bombay Explosions ...	6,98,828	1,729	7,00,557	3,23,628	3,76,929
M.—Deposits from Accountant General Bombay for construction of rooms for Explosions Victims ...	3,93,526	34,367	4,27,893	3,45,353	82,540
N.—Deposit from Citizens Emergncy Relief Centre ...	2,29,449	3,04,771	5,34,220	2,61,396	2,72,824
O.—Rent of 300 rooms at Arthur Road, for Explosions Victims. ...		1,17,168	1,17,168	3,190	1,13,978
Total ...	1,06,34,346	6,59,83,053	7,66,17,399	5,93,05,403	1,73,11,996

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK
Ag. Municipal Commissioner.

Appendix No. 14-D.

Statement of Reserve stock for 1945-46.

Name of Account.	Opening Balance on 1st April 1945.	Debits during 1945-46.	Total.	Credits during 1945-46.	Closing Balance on 31st March 1946.
	Rs.	Rs.	Rs.	Rs.	Rs.
General Stores Account ...	9,41,034	13,64,055	23,05,089	14,11,555	8,93,534
Capital Stores Account ...	2,51,825	6,17,067	8,68,892	5,73,048	2,95,844
Line Suspense Account ...	86,666	1,655	88,321	10,396	77,925
Total ...	12,79,525	19,82,777	32,62,302	19,94,999	12,67,303

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 14-E.

Statement showing 'Interest accrued but not paid' in respect of the following Municipal Loans credited to Suspense account pending adjustment in their respective years of repayment, outstanding on 31st March 1946.

Year of Adjustment.	Particulars of Loans.	Amount of Interest accrued but not paid outstanding.	Date of Maturity of the Loan.
		Rs. a. p.	
1923-24	„ 2nd 24½ Lakhs Loan	16,500 0 0	1- 8-1946
1922-23	„ 147 „ „ Portion Rs. 10,00,000 ...	25,000 0 0	1- 1-1948
1923-24	„ 15 „ „	25,000 0 0	1- 5-1949
„	„ 30 „ „ (Overbridges)	50,000 0 0	1- 5-1949
1925-26	„ 30 „ „ (Miscellaneous Works) ...	30,000 0 0	1- 1-1951
1922-23	„ 147 „ „ Portion Rs. 43,00,000 ...	1,07,500 0 0	1- 1-1953
1923-24	„ 70 „ „ Portion Rs. 49,40,000 ...	65,866 10 8	1- 6-1954
1924-25	„ 160 „ „	3,20,000 0 0	1-12-1954
1923-24	„ 20 „ „	33,333 5 4	1- 5-1955
1927-28	„ 25 „ „	31,250 0 0	1- 1-1958
1929-30	„ 37 „ „	21,846 0 0	1- 8-1959
„	„ 31-43 „ „	21,784 0 0	1- 8-1959 or after 1- 8-1949
„	„ 28 „ „	7,046 0 0	1- 8-1959 or after 1- 8-1954
1923-24	„ 70 „ „ Portion Rs. 20,60,000 ...	27,466 10 8	1- 6-1974
1925-26	„ 10 „ „	12,500 0 0	1- 7-1980
1932-33	„ 40 „ „	80,000 0 0	1- 9-1960 or after 1- 9-1950
1937-38	„ 9 „ „	1,313 0 0	14- 3-1966
„	„ 24½ „ „	12,250 0 0	14-2-1967
1938-39	„ 30 „ „ of 1937-38	4,250 0 0	14-3-1968
1940-41	„ 30 „ „ of 1938-39	7,500 0 0	1- 3-1969
1940-41	„ 64 „ „ of 1939-40	16,000 0 0	1- 3-1970
1941-42	„ 48 „ „ of 1940-41	14,000 0 0	1- 3-1971
1942-43	„ 25 „ „ of 1941-42	7,291 10 8	1- 3-1972
1945-46	„ 20 „ „ of 1943-44	5,833 5 4	1- 3-1974
	Total Rs. ...	9,43,530 10 8	

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix

Statement showing the amounts of the Receipts and Expenditure respectively credited at the credit of the Fund at the close of the

	Details.	Total.
	Rs. a. p.	Rs. a. p.
Balance on 1st April 1945		67,32,369 12 0
RECEIPTS—A.—REVENUE ACCOUNT.		
1. General Tax, Indirect Taxation and Miscellaneous Revenue. A.—General Tax	1,83,61,823 8 8	
B.—Town Duties	20,95,634 4 6	
C.—Grants-in-aid of the fees for Land Conveyance, Music etc., Licences	9,298 12 0	
D.—Grants-in-aid in respect of fines for offences against the Law ...	1,68 258 7 9	
E.—Interest and Profit on Investment of Surplus Loan and other balances	4,15,961 14 10	
F.—Interest on Plant and Machinery Depreciation Fund	70,521 1 7	
G.—Miscellaneous	4,10,700 2 11	
		2,15,32,198 4 3
2. Water Works—Water Tax and and other Miscellaneous Water Works Revenue		1,28,52,320 15 10
3. Education—Primary		9,72,668 1 0
4. Education—Secondary		2,399 9 0
5. Public Health Department		3,17,869 10 0
6. Medical Relief and Education		2,64,754 6 6
7. Street Cleansing and Conservancy, Road Watering and Halalkhore Service—		
A.—Halalkhore Tax	46,58,270 13 6	
B.—Miscellaneous	2,15,680 3 2	
		48,73,951 0 8
8. Roads, Drains and Sewers—		
A.—Wheel Tax and Government Contribution in lieu of Tolls	18,75,448 13 0	
B.—Ground Rent	92,161 1 0	
C.—Miscellaneous	2,95,235 1 1	
D.—Interest realised on Donations	1,963 1 0	
		22,64,808 0 1
9. Mechanical		1,74,027 2 3
10. Buildings, Land Acquisition and Management—		
A.—Sale Proceeds of Surplus Land	10,00,000 0 0	
B.—Rent of Buildings	40,133 14 0	
C.—Ground Rent	2,43,532 2 4	
D.—Miscellaneous	1,58,232 0 8	
		14,41,898 1 0
11. Fire Brigade—		
A.—Fire Tax	7,68,451 8 0	
B.—Miscellaneous	24,234 10 0	
		7,92,686 2 0
12. Licensing and Removal of Encroachments on Public Streets—Admistration of Shops & Establishment Act.		
A.—Licences for Dangerous and Offensive Trades	2,65,546 9 0	
B.—Removal of Encroachments on Public Streets	2,02,184 0 0	
C.—Grant-in-aid from Government for administration of Shops & Establishment Act. ...	1,19,252 0 0	
D.—Miscellaneous	1,41,787 12 0	
		7,28,770 5 0
13. Gardens and Open Spaces		1,23,457 13 2
14. Markets and Slaughter Houses		20,62,052 11 0
15. Contribution from Capital Funds to Revenue on account of Loan Works Staff		66,590 5 0
16. Extraordinary Receipts		84,955 9 0
17. Rebate on account of collection of Urban Immovable Property Tax in the City		1,82,044 1 10
Total Revenue Receipts Rs. ...		4,87,37,452 1 7

and debited to the Municipal Fund during the year 1945-46 and the balance year 1945-46 (i.e. 31st March 1946).

	Details.	Total.
	Rs. a. p.	Rs. a. p.
EXPENDITURE A.—REVENUE ACCOUNT.		
I.—General Supervision, Collection of Revenue, etc.—		
A.—General Superintendence	5,49,283 0 3	
B.—Collection of Revenue	8,06,727 13 9	
C.—Upkeep of Municipal Head Office	33,353 11 6	
D.—General Stores	84,367 6 9	
E.—Miscellaneous Charges	3,37,706 2 10	
F.—Election Expenses	67,569 6 0	
New Works	9,371 14 0	
Debt Charges	38,023 7 0	
Proportion of General Superintendence chargeable to Water Works, Markets, etc., and Improvement Schemes Account	Cr. 4,89,019 7 0	14,37,383 7 1
II.—Water Works	23,67,241 3 0	
„ New Works	39,568 14 0	
„ Debt Charges	54,79,153 13 0	
Proportion of General Supervision and Collection of Revenue	3,31,391 7 0	
Provident Fund and Pension, etc., charges	1 15,000 8 0	
III.—Education—Primary	60,77,772 10 1	83,32,355 13 0
„ New Works	...	
„ Debt Charges	1,55,933 13 0	
IV.—Education—Secondary		62,33,706 7 1
V.—Public Health Department		43,808 9 0
A.—General Supervision	5,41,891 13 0	
B.—Epidemics	31,116 5 6	
C.—Vaccination	63,835 9 3	
D.—Malaria	2,32,415 0 9	
E.—Miscellaneous	1,03,673 13 11	
F.—Medical Inspection of School Children including Travelling, Dental Clinic	41,414 5 3	
G.—Propaganda for Public Health	16,358 14 0	
H.—Supply of milk to the undernourished needy children attending Municipal Schools	1,51,168 11 6	
I.—Licensing of dogs	21,162 2 9	
New Works	3,057 0 6	
Debt Charges	60,297 6 0	
VI.—Medical Relief and Education—		12,66,391 2 5
A.—Hospitals and Maternity Homes—		
(a) King Edward Memorial Hospital	11,19,932 5 9	
(b) Infectious Diseases Hospital	5,23,421 0 9	
(c) Maternity Homes	1,63,339 8 0	
(d) Turner Sanitarium at Bhoiwada	1,16,702 8 3	
(e) Ramesh Premchand Hospital	2,852 6 0	
B.—Dispensaries	1,96,926 9 7	
C.—Medical and Nursing Assistance to poor people in their houses	...	
D.—Gordhandas Sunderdas Medical College	2,60,369 3 9	
E.—Statutory Contribution to Government Medical Institutions	4,14,500 0 0	
New Works	36,836 1 0	
Debt Charges	4,59,220 4 0	
VII—Street Cleansing and Conservancy, Road Watering and Halalkhore Service—		32,94,099 15 1
A.—Street Cleansing and Conservancy	22,51,523 7 11	
B.—Transport of Refuse, etc., to Deonar	2,96,131 1 9	
C.—Road Watering	21,608 12 6	
D.—Halalkhore Service	3,57,947 13 5	
New Works	11,376 5 0	
Debt Charges	3,81,401 6 0	
VIII.—Roads, Drains and Sewers—		33,19,988 14 7
A.—General	1,52,373 13 9	
B.—Maintenance of Roads	12,65,099 13 4	
C.—Public Lighting	8,69,401 8 0	
D.—Cleansing of Drains and Sewers and Street Connections	3,69,606 3 2	
E.—Rebate on Account of the compounded wheel-tax, etc.	20,813 0 0	
New Works	26,747 1 0	
Debt Charges	34,32,521 10 0	
IX.—Mechanical—		61,36,563 1 3
A.—Mechanical Engineer's Office Staff	72,576 6 0	
B.—Pumping Purification Works, Compressor Stations and Flood Gates	5,64,259 14 6	
C.—Supervision of Factories, Workshops and Work-places	7,768 7 0	
D.—Transport	8,79,169 1 3	
E.—Refrigerator	19,982 13 0	
F.—Oiling and Greasing Surplus Machinery	...	
New Works	3,009 2 0	
Debt Charges	1,53,199 7 0	
X.—Buildings, Land Acquisition and Management—		16,99,965 2 9
A.—City Engineer's Central Office Establishment	1,00,327 13 0	
B.—Inspection and Supervision of Private Buildings	2,27,376 10 0	
C.—Architectural	70,689 0 0	
D.—Land Acquisition and Management	59,344 12 6	
New Works	...	
Debt Charges	...	
	18,07,133 12 0	
Supervision Chargeable to Improvement Schemes Account	Cr. 6,788 6 0	22,58,083 9 6
XI.—Fire Brigade	3,63,767 14 2	
Do. New Works	1,100 2 0	
Do. Debt Charges	68,455 5 0	
Proportion of General Supervision and Collection of Revenue	27,186 1 0	
Provident Fund, Pension, etc., Charges	1,38,958 3 0	6,03,467 9 2
XII.—Licensing and Removal of Encroachments on Public Streets and administration of Shops and Establishment Act	2,10,509 4 11	
New Works	150 5 0	2,10,659 9 11
XIII.—Gardens and Open Spaces	2,24,522 14 11	
Do. New Works	5,209 10 0	
Do. Debt Charges	2,10,565 2 0	
XIV.—Markets and Slaughter Houses	4,74,166 11 10	4,40,297 10 11
Do. New Works	6,527 11 0	
Do. Debt Charges	1,93,631 10 0	
Proportion of General Supervision	25,798 9 0	
Provident Fund, Pension, etc., Charges	32,317 7 0	
XV.—Contribution towards Improvements Schemes		7,32,442 0 10
XVI.—Provident Fund, Pensions Gratuities and Compassionate Allowances		28,36,497 4 0
XVII.—Urban Immovable Property Tax on Municipal Properties in the City		11,91,601 11 4
XVIII.—Dearness allowance		45,422 15 0
XIX.—Grants-in-aid to Public Institutions		42,86,689 12 0
XX.—Measures for Civil Defence		3,00,170 7 4
XXI.—Post-War Reconstruction Fund		1,43,407 7 6
		45,00,000 0 0
Total Revenue Expenditure Rs.		4,93,13,002 9 9

Appendix

	Details.			Total.		
	Rs.	a.	p.	Rs.	a.	p.
RECEIPTS—B.—CAPITAL ACCOUNT—						
Loan Funds—						
Debt—Principal—						
Balance of 20 Lakhs' Loan sanctioned to be raised in 1944-45	17,00,000	0	0			
Advance from Net Premia Fund for Purchase of Plant and Machinery	55,216	4	0			
Advances from Net Premia Fund for Renewal of Road Surfaces for which no Provision Exists in the Renewal Fund	94,206	7	0			
New Loan 1944-45 (Portion of Rs. 25 Lakhs Loan.)	5,00,000	0	0			
				23,49,422	11	0
Trust Fund—						
Receipts on Donations, etc.	4,992	14	3			
Interest on investments	644	4	0			
				5,637	2	3
Worn out Water Mains Renewal Fund—						
Interest on Investments				56	12	0
Advances—						
Capital Stores Account				12,49,124	12	3
Total Capital Account Receipts Rs. ...				36,04,241	5	6
RECEIPTS—C.—SUSPENSE ACCOUNT—						
Imperial Bank of India and other Local Banks on account of Sundry Deposits				5,78,58,995	13	2
Loan Redemption Fund (Municipal)				1,07,64,645	6	9
Do. do. Improvements Schemes				5,97,734	8	0
Sinking and Special Funds Accounts				1,26,34,056	5	3
Provident Fund Recoveries				35,61,653	8	0
Fines Fund Do.				30,569	14	0
Gardens Fund Do.				17,608	14	6
Land Sales Reserve Fund Recoveries				...		
Surplus Funds (Paper and Cash Account)				82,60,244	0	5
Reserve Stores Account				15,53,071	7	5
Purchase Stores Account				13,71,665	5	6
Do. of Petrol and Diesel Oil				3,96,878	13	3
Do. of Coal				...		
Departmental Works				10,46,800	1	1
Do. Printing Press Recoveries				1,68,258	12	11
Private Works				2,57,512	12	7
Departmental Works—Workshops Recoveries				1,42,746	11	6
Sinking Funds (Paper and Cash Account)				64,11,138	10	3
Special Funds (Do. do.)				14,60,639	4	3
Loan Funds (Do. do.)				22,39,300	0	0
Deposit Account				6,59,83,052	11	3
Worli Crushers				53,543	11	9
Sewri Crushers				1,24,538	2	6
Mechanical Transport				1,42,483	9	3
Asphalt Plant				1,85,466	9	0
Municipal Contractors				36,213	13	0
Do. Tenderers				...		
Sundries—Miscellaneous Advances				4,19,511	6	10
Manufacturing of Precast Concrete slabs for footpaths				2,524	10	0
Advances—Measures for Civil Defence				...		
Officers—						
(a) Dishonoured Cheques				5,22,983	6	0
(b) Standing Advances for Contingent Expenses				100	0	0
(c) Motor Cars and Motor Cycles to Officers				1,982	0	0
(d) Cycle Advance to subordinates				70	0	0
Advances—Special Funds				10,31,156	6	1
Bombay Municipal Corporation Loans—Interest Warrants Payable Account				29,14,557	3	2
Cash Bills Outstanding Account				524,365	3	9
Cheques payable				12,82,89,297	8	9
Interest on B. I. Trust Loans Payable Account				12,080	0	0
City of Bombay Improvement Trust Loan Interest Warrants Payable Account				17,14,389	0	8
Fidelity Guarantee Insurance Fund				5,720	13	0
Interest receivable account				...		
Interest accured but not paid				5,833	5	4
Improvement Schemes Fund—						
(a) Sinking Fund	2,16,671	2	3			
(b) Capital Fund	21,50,423	8	0			
				23,67,094	10	3
Improvement Schemes Fund Account				21,43,448	2	0
Total—Suspense Account Receipts Rs. ...				31,52,53,932	9	5

No. 15—*Continued.*

	Details.	Total.
	Rs. a. p.	Rs. a p
EXPENDITURE—B.—CAPITAL ACCOUNT—		
Loan Funds—		
I.—General Supervision, Collection of Revenue, etc.	55 4 0	
II.—Water Works, ordinary	7,43,622 9 10	
III.—Education—Primary	247 15 0	
IV.—Education Secondary	18,067 13 0	
V.—Public Health Department	32,539 0 0	
VI.—Medical Relief and Education	43,278 15 9	
VII.—Street Cleansing, Conservancy, Road Watering and Halalkhore Service	29,161 13 0	
VIII.—Roads, Drains and Sewers	5,90,549 4 8	
IX.—Mechanical	48,242 2 0	
X.—Buildings, Land Acquisition and Management	29,392 12 0	
XI.—Fire Brigade	8,504 7 0	
XIII.—Gardens and open spaces	23,844 13 0	
XIV.—Markets and Slaughter Houses	45,202 11 0	
XV.—Slum Service	8,674 1 5	
XVI.—Measures of Civil Defance	33,014 10 0	
Discount and other charges on Loans	Cr. 17,521 7 0	
Plant and Machinery	5,05,264 2 9	
Repayment of advance taken from the Land Sales Reserve Fund.	96,358 0 0	
Assets written off...		22,38,498 15 5
Worn out Water Mains Renewal Fund—		
Expenditure on Works		Cr. 15 5 0
Trust Account—		
Expenditure		4,992 14 3
Advances—		
Capital Stores		* 12,08,133 6 0
Total—Capital Account Expenditure Rs.		34,51,609 14 8
EXPENDITURE—C.—SUSPENSE ACCOUNT—		
Imperial Bank of India and other Local Banks on account of Sundry Deposits		5,81,63,308 15 6
Sinking and Special Funds Accounts		81,43,474 0 5
Interest accrued but not paid		1,14,166 10 8
Fidelity Guarantee Insurance Fund		5,720 13 0
Provident Fund Recoveries		35,61,653 8 0
Fines Fund Do.		30,569 14 0
Gardens Fund Do.		17,608 14 6
Interest Recoverable a/c		54,292 10 0
Plant and Machinery		15,11,554 12 9
Reserve Stores Account		15,21,098 2 3
Purchase Stores Account		3,74,638 9 0
Purchase of Petrol and Diesel Oil		10,93,818 1 7
Purchase of Coal		2,31,513 12 9
Departmental Works		2,23,027 11 3
Municipal Workshops		4,06,290 6 10
Printing Press		38,70,131 9 3
Private Works		57,77,333 6 10
Sinking Fund		1,29,23,944 7 9
Special Fund		23,50,867 15 7
Surplus Funds		1,07,64,645 6 9
Loan Funds		5,97,734 8 0
Debt—Principal—Repayment of Loans (Municipal)		5,93,05,402 13 6
Do. do. (Improvements Schemes)		69,792 5 9
Deposit Account		1,20,751 8 6
Worli Crushers		1,70,899 14 6
Sewri Crushers		2,13,196 2 0
Mechanical Transport		24,914 6 0
Asphalt Plant		0 6 0
Municipal Contractors		2,95,276 13 7
Do. Tenderers		1,383 0 0
Sundries—Miscellaneous Advances		5,22,983 6 0
Advance-Measures for Civil Defence		1,400 0 0
Manufacture of Precast Concrete Slabs for footpaths		3,000 0 0
Officers—		
(*a*) Dishonoured Cheques		
(*b*) Standing Advances for Contingent Expenses		
(*c*) Motor Cars and Motor Cycles to Officers		
(*d*) Cycle advances to subordinates		
Advances—Special Funds,		4,46,123 10 4
Bombay Municipal Corporation Loans—Interest Warrants Payable Account		29,18,900 7 2
Cash Bills Outstanding Account		5,22,948 6 10
Cheques payable		12,80,01,014 8 0
City of Bombay Improvement Schemes Loans Interest Warrants Payable Account		17,13,890 4 8
Capital Fund unbooked property liabilities Improvement Schemes Fund		
Improvement Schemes Fund		
(*a*) Sinking Fund	23,51,704 12 3	
(*b*) Capital Fund	19,00,716 12 0	
		42,52,421 8 3
Interest on Bombay Improvement Trust Loans Payable Account		590 6 0
Improvement Schemes Fund Account...		8,414 8 0
Total—Suspense Account Expenditure Rs.		31,03,30,748 5 9

*** "Against the Budget provision of Rs. 12 lakhs, the expenditure booked on account of stock is Rs. 6,17,066-9-0. The balance of Rs. 5,91,066-13-0 represents the debit raised on account of payment to contractors for purchases made. The excess of Rs. 8,133-6-0 is due to the same grant being operated twice over for the same purchases."**

Appendix

	Total.
	Rs. a. p.
RECEIPTS—D.—IMPROVEMENT SCHEMES ACCOUNT—	
General Account—	
I.—Rents and other proceeds of Properties	60,27,019 5 6
II.—Contribution towards Improvement Schemes from the Municipal Corporation	28,36,497 4 0
III.—Grants-in-aid of Tobacco Duty	7,52,163 0 0
IV.—Interest and Profits on Investments	4,33,596 3 4
V.—Miscellaneous Receipts	46,865 0 3
VI.—Appropriation from Capital Account to meet deficit in the General Account...	1,08,447 8 10
Total Rs. ...	1,02,04,588 5 11
Capital Account—	
I.—Sale proceeds of Lands, Buildings, etc.	28,88,402 13 3
Total Rs. ...	28,88,402 13 3
Total—General and Capital Account Receipts Rs. ...	1,30,92,991 3 2

SUMMARY.

Receipts.		Disbursements.
Rs. a. p.		Rs. a. p.
67,32,369 12 0	Balance on 1st April 1945 ...	
4,87,37,452 1 7	A.—Revenue Account	4,93,13,002 9 9
36,04,241 5 6	B.—Capital Account	34,51,609 14 8
31,52,53,932 9 5	C.—Suspense Account	31,03,30,748 5 9
1,30,92,991 3 2	D.—Improvement Schemes Account	1,07,40,002 9 6
38,06,88,617 3 8	Total Rs. ...	37,38,35,363 7 8
	* Balance on 31st March 1946	1,35,85,623 8 0
38,74,20,986 15 8	Total Rs. ...	38,74,20,986 15 8

J. K. DARUVALA,
Chief Accountant.

No. 15—*Concluded.*

	Details.	Total.
	Rs. a. p.	Rs. a. p.
EXPENDITURE—D.—IMPROVEMENT SCHEMES ACCOUNT		
General Account—		
A.—Maintenance of Properties and Streets		24,40,902 1 11
B.—Cost of Management and Establishment	10,72,384 7 1	
C.—Proportionate charge on account of Municipal Supervision	86,953 15 0	
	11,59,338 6 1	
Deduct—		
Rs. a. p.		
Proportionate share of cost of Management and Establishment chargable to General Account ... 10,57,888 6 1		
Do. do. do. Capital Account ... 1,01,450 0 0	11,59,338 6 1	...
D.—Debt Charges	...	77,63,686 4 0
Total ...		1,02,04,588 5 11
Capital Account—		
Repayment of 5½% B. I. T. Loan of 1929		55,000 0 0
Improvement and Street Schemes, etc.		2,70,516 10 9
Proportionate share of cost of Management and Establishment chargable to Improvement and Street Schemes		1,01,450 0 0
Revenue Deficit		1,08,447 8 10
Total ...		5,35,414 3 7
Total—General and Capital Account Expenditure ...		1,07,40,002 9 6

	Rs. a. p.
Bank's reconciliation :—	
* Balance as per Bank's Pass Book	63,64,808 10 11
Add—	
Revenue sent to the Bank on 30th March 1946 but acknowledged on 1st April 1946 ...	14,27,430 7 7
	77,92,239 2 6
Less—	
Uncashed Cheques	3,02,904 12 6
Balance in Bank as per Day Book (Column No. 10)	74,89,334 6 0
Balance in Office in Government Promissory Notes, etc. ... ...Rs. 58,65,900 0 0	
Balance in Office in Cash 2,30,389 2 0	60,96,289 2 0
	1,35,85,623 8 0

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 16.

Comparison of Face, Purchase and Market Values at 31st March 1946 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate per cent.	Actual cost at purchase rate.	Market rate per cent.	Value at Market rate.
		Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Municipal Fire and Accident Insurance Fund.	3½ per cent. Government Promissory Notes ...	9,100	60 0 0	5,460 0 0		
	Do. do. ...	1,500	97 6 6	1,461 1 6		
	Do. do. ...	6,900	Par.	6,900 0 0		
	Do. do. ...	500	64 15 0	324 11 0	103 2 0	24,750 0 0
	Do. do. ...	2,000	101 12 0	2,035 0 0		
	Do. do. ...	1,600	97 9 6	1,561 8 0		
	Do. do. ...	2,400	99 15 9	2,399 10 0		
	3½ per cent. Governmet Loan 1947-50 ...	41,100	98 8 0	40,483 8 0	103 6 0	79,908 14 0
	Do. do. ...	36,200	96 0 0	34,752 0 0		
	4 per cent. Government Loan 1960-70 ...	49,500	94 4 0	46,653 12 0		
	Do. do. ...	1,00,200	92 8 0	92,685 0 0	114 8 0	3,26,096 0 0
	Do. do. ...	13,700	87 10 0	12,004 10 0		
	Do. do. ...	1,21,400	88 0 0	1,06,832 0 0		
	4 per cent. Bombay Improvement Trust Debentures	46,600	Par.	46,600 0 0		
	Do. do. ...	10,000	89 0 0	8,900 0 0		
	Do. do. ...	7,200	88 0 0	6,336 0 0	113 8 0	1,56,630 0 0
	Do. do. ...	23,500	84 8 0	19,857 8 0		
	Do. do. ...	9,700	84 4 0	8,172 4 0		
	Do. do. ...	41,000	92 12 0	38,027 8 0		
	3 per cent. Bombay Municipal Debentures ...	3,37,700	Par.	3,37,700 0 0	Par.	3,37,700 0 0
	3½ per cent. Do. do. ...	97,000	Par.	97,000 0 0	Par.	97,000 0 0
	Total Rs. ...	9,58,800		9,16,146 0 6		10,22,084 14 0
Worn out Water Mains Renewal Fund.	3½ per cent. Government Loan 1947-50 ...	200	96 0 0	192 0 0	103 6 0	1,137 2 0
	Do. do. ...	900	98 8 0	886 8 0		
	3 per cent. Bombay Municipal Debentures ...	500	Par.	500 0 0	Par.	500 0 0
	3½ per cent. Government Promissory Notes ...	100	97 6 6	97 6 6	103 2 0	103 2 0
	Total Rs. ...	1,700		1,675 14 6		1,740 4 0
Net Premia Fund ...	2¾ per cent. Government Loan 1948-52 ...	20,00,000	99 9 6	19,91 875 0 0	100 13 0	20,16,250 0 0
	3 per cent. Government Promissory Notes ...	900	48 0 0	432 0 0	100 10 0	905 10 0
	3½ per cent. Government Promissory Notes ...	45,900	60 0 0	27,540 0 0		
	Do. do. ...	2,04,500	101 11 9	2,08,046 12 9	103 2 0	2,59,256 4 0
	Do. do. ...	1,000	62 10 0	626 4 0		
	3½ per cent. Government Loan 1947-50 ...	31,300	94 13 6	29,686 1 6	103 6 0	2,13,572 12 0
	Do. do. ...	1,75,300	98 8 0	1,72,670 8 0		
	4 per cent. Government Loan 1960-70 ...	13,400	Par.	13,400 0 0		
	Do. do. ...	5,500	92 8 0	5,087 8 0		
	Do. do. ...	30,200	88 6 0	26,689 4 0	114 8 0	67,211 8 0
	Do. do. ...	100	88 0 0	88 0 0		
	Do. do. ...	9,500	87 10 0	8,324 6 0		
	3 per cent. Bombay Municipal Debentures ...	78,100	Par.	78,100 0 0	Par.	78,100 0 0
	3½ Do. do. ...	32,700	Par.	32,700 0 0	Par.	32,700 0 0
	Total Rs. ...	26,28,400		25,95,265 12 3		26,67,996 2 0
Provident Fund ...	3½ per cent. Government Promissory Notes ...	1,36,000	Par.	1,36,000 0 0		
	Do. do. ...	1,44,700	97 6 6	1,40,946 13 6		
	Do. do. ...	65,500	97 6 0	63,780 10 0		
	Do. do. ...	14,02,400	60 0 0	8,41,440 0 0	103 2 0	30,75,909 6 0
	Do. do. ...	10,000	68 11 0	6,868 12 0		
	Do. do. ...	1,57,000	75 10 0	1,18,731 4 0		
	Do. do. ...	1,29,200	75 14 6	98,070 14 0		
	Do. do. ...	6,58,700	96 1 0	6,32,763 11 0		
	Do. do. ...	1,89,300	99 15 9	1,89,270 6 9		
	Do. do. ...	89,900	97 9 6	87,736 12 6		
	3½ per cent. Government Loan 1947-50 ...	16,00,300	98 8 0	15,76,295 8 0		
	Do. do. ...	2,01,200	94 13 6	1,90,825 10 0	103 6 0	37,64,814 2 0
	Do. do. ...	1,42,600	94 13 0	1,35,202 10 0		
	Do. do. ...	16,97,800	96 0 0	16,29,888 0 0		
	4 per cent. Government Loan 1960-70 ...	1,23,300	94 4 0	1,16,210 4 0		
	Do. do. ...	18,45,500	92 8 0	17,07,087 8 0		
	Do. do. ...	47,500	88 6 0	41,978 2 0	114 8 0	81,44,156 0 0
	Do. do. ...	37,01,200	88 0 0	32,57,056 0 0		
	Do. do. ...	13,36,000	87 10 0	11,70,670 0 0		
	Do. do. ...	59,300	Par.	59,300 0 0		
	3 per cent. Government Loan 1963-65 ...	12,90,800	98 0 0	12,64,984 0 0	101 15 0	13,15,809 4 0
	4 per cent. Bombay Improvement Trust Debentures	1,81,300	Different rates	1,40,693 0 0		
	Do. do. ...	46,100	Par.	46,100 0 0		
	Do. do. ...	3,80,300	84 4 0	3,20,402 12 0	113 8 0	18,14,297 8 0
	Do. do. ...	16,700	84 8 0	14,111 8 0		
	Do. do. ...	9,74,100	92 12 0	9,03,477 12 0		
	5 per cent. Bombay Improvement Trust Debentures	6,18,500	Different rates	5,65,335 0 0	119 0 0	7,36,015 0 0
	6 per cent. Bombay Improvement Trust Debentures	1,91,000	Do.	1,92,531 4 0	115 8 0	2,65,303 8 0
	Do. do. ...	38,700	Par.	38,700 0 0		
	3 per cent. Bombay Municipal Debentures ...	18,10,200	Par.	18,10,200 0 0	Par.	18,10,200 0 0
	6 per cent. Bombay Munl. Debentures 1950-60 ...	8,64,500	99 3 9	8,57,881 2 9	115 8 0	9,98,497 8 0
	4 per cent. Bombay Municipal Debentures ...	900	Par.	900 0 0	113 8 0	1,021 8 0
	3½ per cent Bombay Municipal Debentures ...	70,24,400	Do.	70,24,400 0 0	Par.	70,24,400 0 0
	Total Rs. ...	2,71,74,900		2,53,79,839 4 6		2,89,50,423 12 0
Fines Fund ...	3½ per cent. Government Promissory Notes ...	15,700	60 0 0	9,420 0 0		
	Do. do. ...	500	64 15 0	324 11 0		
	Do. do. ...	200	81 11 0	163 6 0		
	Do. do. ...	4,600	97 6 6	4,480 11 0	103 2 0	45,890 10 0
	Do. do. ...	12,400	Par.	12,400 0 0		
	Do. do ...	7,400	99 15 9	7,398 13 6		
	Do. do. ...	2,100	97 9 6	2,049 7 6		
	Do. do. ...	1,600	101 12 0	1,628 0 0		
	3½ per cent. Government Loan 1947-50 ...	41,500	98 8 0	40,877 8 0		
	Do. do. ...	47,200	96 0 0	45,312 0 0	103 6 0	97,896 2 0
	Do. do. ...	6,000	93 13 0	5,688 12 0		
	Fines Fund Carried forward Rs. ...	1,39,200		1,29,743 5 0		1,43,786 12 0
	Carried forward Rs. ...	3,07,63,800		2,88,92,926 15 9		3,26,42,245 0 0

Appendix 16—*Continued.*

Comparison of Face, Purchase and Market Values at 31st March 1946 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate per cent.	Actual cost at purchase rate.	Market rate per cent.	Value at Market rate.
		Rs.	Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Brought over Rs. ...	3,07,63,800		2,88,92,926 15 9		3,26,42,245 0 0
	Fines Fund Brought over Rs. ...	1,39,200		1,29,743 5 0		1,43,786 12 0
Fines Fund—(*concld.*)	4 per cent. Government Loan 1960-70 ...	20,000	88 0 0	17,600 0 0	114 8 0	
	Do. do. ...	500	92 8 0	462 8 0		23,472 8 0
	4½ per cent. Government Loan 1955-60 ...	2,800	82 6 0	2,306 8 0	117 10 0	3,293 8 0
	4 per cent. Bombay Port Trust Debentures ...	3,000	70 0 0	2,100 0 0	114 0 0	3,420 0 0
	4 per cent. Bombay Improvement Trust Debentures	48,900	Par.	48,900 0 0		
	Do. do. ...	11,000	84 4 0	9,267 8 0	113 12 0	85,312 8 0
	Do. do. ...	15,100	92 12 0	14,005 4 0		
	3 per cent. Bombay Municipal Debentures ...	3,00,000	Par.	3,00,000 0 0	Par.	3,00,000 0 0
	3 per cent. Government Loan 1963-65 ...	900	98 0 0	882 0 0	101 15 0	917 7 0
	3½ per cent. Bombay Municipal Debentures ...	20,200	Par.	20,200 0 0	Par.	20,200 0 0
	Total Rs. ...	5,61,600		5,45,467 1 0		5,80,402 11 0
	3½ percent Government Promissory Notes ...	1,600	99 15 9	1,599 12 0		
Plant and Machinery Depreciation Fund	Do. do. ...	200	97 6 6	194 13 0	103 2 0	1,856 4 0
	3½ per cent. Government Loan 1947-50 ...	7,100	98 8 0	6,993 8 0		
	Do. do. ...	3,100	94 13 0	2,939 3 0	103 6 0	22,639 2 0
	Do. do. ...	11,700	96 0 0	11,232 0 0		
	4 per cent. Government Loan 1960-70 ...	32,600	92 8 0	30,155 0 0	114 8 0	52,326 8 0
	Do. do. ...	13,100	87 10 0	11,478 14 0		
	4 per cent. Bombay Improvement Trust Debentures	52,400	Par.	52,400 0 0		
	Do. do. ...	2,200	84 4 0	1,853 8 0	113 8 0	63,446 8 0
	Do. do. ...	1,300	92 12 0	1,205 12 0		
	3 per cent. Bombay Municipal Debentures ...	5,02,500	Par.	5,02,500 0 0	Par.	5,02,500 0 0
	3½ Do. do. ...	1,32,000	Par.	1,32,000 0 0		1,32,000 0 0
	Total Rs. ...	7,59,800		7,54,552 6 0		7,74,768 6 0
Renewal of Road Surfaces Fund.	3½ per cent. Government Loan 1947-50 ...	92,300	96 0 0	88,608 0 0	103 6 0	1,22,085 14 0
	Do. do. ...	25,800	98 8 0	25,413 0 0		
	4 per cent. Government Loan 1960-70 ...	1,34,200	92 8 0	1,24,135 0 0		
	Do. do. ...	2,47,400	87 10 0	2,16,784 4 0	114 8 0	4,62,465 8 0
	Do. do. ...	5,100	88 0 0	4,488 0 0		
	Do. do. ...	17,200	94 4 0	16,211 0 0		
	4 per cent. Bombay Improvement Trust Debentures	15,700	Par.	15,700 0 0		
	Do. do. ...	13,100	92 12 0	12,150 4 0		
	Do. do. ...	2,41,400	84 4 0	2,03,379 8 0	113 8 0	3,07,925 8 0
	Do. do. ...	1,100	84 8 0	929 8 0		
	3 per cent. Bombay Municipal Debentures ...	11,01,100	Par.	11,01,100 0 0	Par.	11,01,100 0 0
	3½ per cent. Do. do. ...	2,26,400	Par.	2,26,400 0 0	Par.	2,26,400 0 0
	3½ per cent. Government Promissory Notes ...	2,100	97 6 6	2,045 8 6		
	Do. do. ...	22,500	Par.	22,500 0 0		
	Do. do. ...	3,800	99 15 9	3,799 6 6	103 2 0	37,228 2 0
	Do. do. ...	2,600	97 9 6	2,537 7 0		
	Do. do. ...	5,100	101 12 0	5,189 4 0		
	Total Rs. ...	21,56,900		20,71,370 2 0		22,57,205 0 0
Garden Fund ...	3½ per cent. Government Promissory Notes ...	1,100	97 6 6	1,071 7 6		
	Do. do. ...	4,800	Par.	4,800 0 0		
	Do. do. ...	3,200	99 15 9	3,199 8 0	103 2 0	10,106 4 0
	Do. do. ...	500	97 9 6	487 15 6		
	Do. do. ...	200	101 12 0	203 8 0		
	3½ per cent. Government Loan 1947-50 ...	14,800	96 0 0	14,208 0 0		
	Do. do. ...	1,900	98 8 0	1,871 8 0	103 6 0	19,641 4 0
	Do. do. ...	2,300	94 13 0	2,180 11 0		
	4 per cent. Government Loan 1960-70 ...	800	Par.	800 0 0		
	Do. do. ...	1,800	87 10 0	1,577 4 0		
	Do. do. ...	2,300	92 8 0	2,127 8 0	114 8 0	28,625 0 0
	Do. do. ...	900	94 4 0	848 4 0		
	Do. do. ...	19,200	88 0 0	16,896 0 0		
	4 per cent. Bombay Improvement Trust Debentures	5,600	Par.	5,600 0 0		
	Do. do. ...	5,000	84 4 0	4,212 8 0	113 8 0	17,592 8 0
	Do. do. ...	4,900	92 12 0	4,544 12 0		
	3 per cent. Bombay Municipal Debentures ...	30,800	Par.	30,800 0 0	Par.	30,800 0 0
	3½ per cent. Do. do. ...	12,600	Par.	12,600 0 0	Par.	12,600 0 0
	Total Rs. ...	1,12,700		1,08,028 14 0		1,19,365 0 0
Hospital Fund ...	3½ per cent. Government Promissory Notes ...	7,600	98 7 6	7,483 10 0	103 2 0	1,87,378 2 0
	Do. do. ...	1,74,100	97 1 0	1,68,985 13 0		
	3½ per cent. Government Loan 1947-50 ...	1,400	98 8 0	1,379 0 0		
	Do. do. ...	30,900	96 0 0	29,664 0 0	103 6 0	1,33,353 12 0
	Do. do. ...	96,700	94 13 6	91,713 14 6		
	4 per cent. Government Loan 1960-70 ...	42,400	106 14 6	45,328 4 0		
	Do. do. ...	900	92 8 0	832 8 0	114 8 0	49,578 8 0
	3 per cent. Bombay Municipal Debentures ...	3,52,900	Par.	3,52,900 0 0	Par.	3,52,900 0 0
	3½ Do. do. ...	1,21,500	Par.	1,21,500 0 0	Par.	1,21,500 0 0
	Total Rs. ...	8,28,400		8,19,787 1 6		8,44,710 6 0
Slum Service Fund.	3½ per cent. Government Promissory Notes ...	2,600	Par.	2,600 0 0	103 2 0	2,681 4 0
	3 per cent. Municipal Debentures ...	1,75,200	Par.	1,75,200 0 0	Par.	1,75,200 0 0
	3½ Do. do. ...	2,600	Par.	2,600 0 0	"	2,600 0 0
		1,80,400		1,80,400 0 0		1,80,481 4 0
K.E.M. Hospital and G. S. M. College Equipment Fund.	3½ per cent. Government Loan 1947-50 ...	10,200	94 13 0	9,670 14 0	103 6 0	20,364 14 0
	Do. do. ...	9,500	98 8 0	9,357 8 0		
	3 per cent. Bombay Municipal Debentures ...	1,15,600	Par.	1,15,600 0 0	Par.	1,15,600 0 0
	Total Rs. ...	1,35,300		1,34,628 6 0		1,35,964 14 0
	Carried forward ...	3,54,98,900		3,35,07,160 14 3		3,75,35,142 9 0

Appendix 16—*concluded.*

Comparison of Face, Purchase and Market Values at 31st March 1946 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate per cent.	Actual cost at purchase rate.	Market rate. percent.	Value at Market rate.
		Rs.	Rs. a. p.	Rs a. p.	Rs. a. p.	Rs. a. p.
	Brought over	3,54,98,900		3,35,07,160 14 3		3,75,35,142 9 0
G. S. M. College and K. E. M. Hospital Research Fund.	3½ per cent. Government Laon 1947-50 ...	12,400	96 0 0	11,904 0 0	103 6 0	12,818 8 0
	4 per cent. Government Loan 1960-70 ...	8,400	92 8 0	7,770 0 0	114 8 0	18,549 0
	Do. do. ...	7,800	88 0 0	6,864 0 0		
	3 per cent. Municipal Debentures ...	23,600	Par.	23,600 0 0	Par.	23,600 0
	4 per cent. Bombay Improvement Trust Debentures	400	84 4 0	337 0 0	113 8 0	454 0 0
	3½ per cent. Bombay Municipal Debentures ...	2,200	Par.	2,200 0 0	Par.	2,200 0 0
	3½ per cent, Government Promissory Notes ...	700	Par.	700 0 0		
	Do. do. ...	200	97 6 6	194 13 0		
	Do. do. ...	14,900	97 6 0	14,508 14 0	103 2	33,309 6 0
	Do. do. ...	200	99 15 9	199 15 6		
	Do. do. ...	200	97 9 6	195 3 0		
	Do. do. ...	16,100	99 10 0	16,039 10 0		
	Total Rs. ...	87,100		84,513 7 6		90,930 14 0
Precast Concrete Slab Pavements Renewal Fund.	3 per cent. Municipal Debentures ...	66,100	Par.	66,100 0 0	Par.	66,100 0 0
Fidelity Guarantee Insurance Fund.	3½ per cent, Municipal Debentures	4,900	Par.	4,900 0 0	Par.	4,900 0 0
	3 per cent, Do. do. ...	18,100	Par.	18,100 0 0	Par.	18,100 0 0
	3½ per cent. Government Promissory Notes ...	900	Par.	900 0 0		
	Do. do. ...	600	97 6 6	584 7 0	103 2 0	3,196 14 0
	Do. do. ...	1,500	99 15 9	1,499 12 3		
	Do. do. ...	100	97 9 6	97 9 6		
		26,100		26,081 12 9		26,196 14 0
	Grand Total Rs. ...	3,56,78,200		3,36,83,856 2 6		3,77,18,370 5 0

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 16-A.

Comparison of Face, Purchase and Market Values at 31st March 1946 of the different Securities held in the Sinking Funds.

N.B.—Special attention is invited to para 17 of the Chief Accountant's Report.

Particulars of Securities.	Face value.	Purchase rate per cent.	Book value.	Market rate per cent.	Value at Market rate. (Municipal and Improvement Trust Debentures being valued at par).
	Rs.		Rs. a. p.		Rs. a. p.
4 per cent. Municipal Debentures ...	55,68,700	Par	55,68,700 0 0	Par	55,68,700 0 0
4 Do. do. ...	55,900	84½	47,235 8 0		55,900 0 0
4 Do. do. ...	21,500	84¼	18,113 12 0		21,500 0 0
5 Do. do. ...	60,17,500	Par	60,17,500 0 0		60,17,500 0 0
6 Do. do. ...	1,000	Par	1,000 0 0		1,000 0 0
6 Do. do. ...	78,000	99-3-9	77,402 13 0		78,000 0 0
3 Do. do. ...	79,03,200	Par	79,03,200 0 0		79,03,200 0 0
3½ Do. do. ...	29,84,900	Par	29,84,900 0 0		29,84,900 0 0
4 per cent. Bombay Improvement Trust Debentures ...	15,00,700	84¼	12,64,339 12 0		
4 Do. do. ...	1,32,200	84½	1,11,709 0 0		
4 Do. do. ...	5,06,700	92¾	4,69,964 4 0	Par	25,31,600 0 0
4 Do. do. ...	3,92,000	Par	3,92,000 0 0		
4 per cent. Bombay Improvement Trust (coupon) Debentures.	3,76,600	84½	3,18,227 0 0		
4 Do. do. ...	1,23,400	84¼	1,03,964 8 0	Par	5,00,000 0 0
4 per cent. Loan 1960-70 ...	1,13,100	Par	1,13,100 0 0		
4 Do. do. ...	30,42,300	75	22,81,725 0 0		
4 Do. do. ...	5,00,000	75-0-6	3,75,156 4 0		
4 Do. do. ...	3,18,000	88	2,79,840 0 0		
4 Do. do. ...	2,48,000	92½	2,29,400 0 0	114½	56,19,202 0 0
4 Do. do. ...	4,48,000	87⅜	3,92,560 0 0		
4 Do. do. ...	2,22,300	88⅜	1,96,457 10 0		
4 Do. do. ...	15,900	94¼	14,985 12 0		
3½ per cent. Loan 1947-50 ...	2,80,000	96	2,68,800 0 0		
3½ Do. do. ...	3,20,800	94-13-6	3,04,258 12 0		
3½ Do. do. ...	29,700	94 13/16	28,159 5 0	103⅜	11,10,247 8 0
3½ Do. do. ...	4,43,500	98½	4,36,847 8 0		
4½ per cent. Loan 1955-60 ...	5,00,000	79¾	3,98,750 0 0	117⅝	5,88,125 0 0
3 per cent. Loan 1963-65 ...	1,93,800	98	1,89,924 0 0	101 1/16	1,97,554 14 0
3½ per cent Government Paper ...	12,86,300	Par	12,86,300 0 0		
3½ Do. do.	7,61,600	99-15-9	7,61,481 0 0		
3½ Do. do.	3,45,300	97-6-6	3,36,343 12 6		
3½ Do. do.	1,20,800	97-9-6	1,17,893 4 0	103⅛	30,36,412 8 0
3½ Do. do.	1,65,500	97-6-0	1,61,155 10 0		
3½ Do. do.	2,64,900	101-12-0	2,69,535 12 0		
4 per cent. Bombay Improvement Trust Sterling Debentures.	£ 25,000	£ 80 at 1s. 6d.	2,66,666 10 8	Par at 1s. 5 3/16 d.	3,33,913 0 8
Total Rs. ...	3,52,82,100 £ 25,000		3,39,87,596 13 2		3,65,47,754 14 8

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 16-B.

Statement showing the amount of and object for which the Donations held under Public Monuments Maintenance Fund were received from different parties up to 31st March 1946.

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
Sir Mangaldas Nathoobhoy ...	Donation for the maintenance of Sir Mangaldas Nathoobhoy Clock at Mumbadevi.	3½ per cent. Government Paper, 1879 ...	500	Par	500 0
The Secretary, Tata Memorial ...	Donation for the maintenance of J. N. Tata Statue ...	3½ per cent. Government Paper, 1900-01 ...	1,200	Do.	1,200 0
The Secretary, Ranade Memorial ...	Donation for the maintenance of Ranade Statue ...	4 per cent. Bombay Improvement Trust Loan due 1962 ...	1,000	Do.	1,200 0
		3½ per cent. Government Paper, 1900-01 ...	200		
Mr. P. J. Mistri ...	Donation for the maintenance of N. M. Petit Statue at Gowalia Tank Road ...	3½ per cent. Government Paper, 1900-01 ...	2,000	Do.	3,000 0
		3½ per cent. Government Paper, 1879 ...	1,000	Do.	
Messrs. J. D. Framroz, R. B. Jeejeebhoy and P. C. Sethna.	Donation for the maintenance of Sir D. M. Petit Statue ...	4 per cent. Loan 1960-70 ...	2,400	88 0	2,112 0
Mr. Cassumally Jairajbhoy Peerbhoy ...	Donation for the maintenance of a fountain at the junction of Hornby Road and Palton Road.	4 per cent. Loan 1960-70 ...	5,500	92 8	5,087 8
The Secretary, Montague Memorial Fund ...	Donation for the maintenance of the Montague Statue at the junction of Marine Lines and Church Gate Street. ...	6 per cent. Municipal Debentures 1950-60 ...	1,200	99 10	1,195 8
		4 per cent. Loan 1960-70 ...	900	88 0	792 0
Mr. Surajmal Hanmantrai ...	Donation for the maintenance of a public fountain at Princess Street. ...	4 per cent. Loan 1960-70 ...	2,600	92 8	2,405 0
		3½ per cent. Government Paper ...	100	60 0	60 0
Mr. Chaturbhuj Jivandas ...	Donation for the maintenance of the new Bandstand at Chowpatty ...	4 per cent. Government Loan 1960-70 ...	400	88 0	352 0
Mr. Jamnadas Dwarkadas ...	Donation for the maintenance of a water trough for watering Victoria horses and bullocks at the junction of Colaba and Pilot Bunder Roads.	Do. do. ...	400	88 0	352 0
Dr. K. E. Dadachanji ...	Donation for the maintenance of a fountain at the junction of Frere Road and Carnac Bridge				7,230 0
Mr. D. P. Kothare ...	Donation for the maintenance of a fountain at Mint Road ...				1,570 0
Mr. K. D. Dhuru ...	Donation for the maintenance of a fountain at the junction of old Purbhadevi and Cadell Road.	4 per cent. Government Loan 1960-70 ...	15,200	88 0	452 0
Mr. Gokuldas Karsondas Shroff ...	Donation for the maintenance of a cattle trough and drinking fountain at Lady Jamshedji Road.	3½ per cent. Government Paper ...	100	60 0	1,001 0
Mr. Fattechand Revaldas ...	Donation for the maintenance of a fountain at Narayan Dhuru Street. ...				353 0
Mr. Hansraj Pragji ...	Donation for the maintenance of a cattle trough at Clerk Road ...				2,830 0
Mr. F. P. Pavri ...	Donation for the maintenance of a drinking fountain at the junction of Cadell Road and Old Purbhadevi Road.	4 per cent. Loan 1960-70 ...	600	88 0	528 0
The Secretary, Dr. Dadabhoy Naoroji Memorial Fund.	Donation for the maintenance of the Statue of Dr. Dadabhoy Naoroji ...	4 per cent. Loan 1960-70 ...	1,400	88 0	1,232 0
Mr. Khimji Madon Bhujpuria ...	Donation for the upkeep of a water trough on site opposite the Jamshed Mill.	4 per cent. Loan 1960-70 ...	600	88 0	528 0
Mr. L. R. Tairsee ...	Balance out of donation received from Mr. L. R. Tairsee for the construction of a cattle trough at the top end corner of Walkeshwar near "Tin Batti".				
		Carried forward Rs. ...	37,300		33,980 0

Appendix No. 16-B.—*Concluded.*

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
		Brought forward Rs. ...	Rs. 37,300	Rs. a.	Rs. a. 33,980 0
Mr. N. .Wadia ...	Balance out of donation received for construction of three cattle troughs at Bhoiwada Road, Parel Tank Road and Sewree Cross Road	4 per cent. Loan 1960-70 ...	1,200	88 0	1,056 0
Mr. F. B. Jeejeebhoy ...	Balance out of donation received for the construction of a public fountain and water trough at the junction of Suparibag Road and Government Gate Road.	4 per cent. Loan 1960-70 ...	1,500	88 0	1,320 0
Mr. Anantrao Vithoba Kowley ...	Balance out of donation received for the construction of a fountain and cattle trough at the junction of Bhawani Shanker Road and Gokhale Road.	3½ per cent. Government Paper ...	1,500	64 15	974 1
Mr. Ramdas Raghowji Govindji ...	Balance out of the donation received for the construction of a fountain and cattle trough at Cavel Street.	3½ per cent. Government Paper ...	1,700	60 0	1,020 0
Mr. C. K. Kakade ...	Balance out of the donation received for the construction of a fountain at Bellasis Road.	4 per cent. Loan 1960-70 ...	200	88 0	176 0
Hon. Secretary, Lok. Tilak Memorial Committee.	Donation for the maintenance of the Statue of Lok. Tilak at Chowpatty Sands.	3½ per cent. Government Paper ...	1,400	Par	1,400 0
Mr. M. E. Joshi Memorial Committee ...	Donation for the maintenance of the marble bust of Mr. M. E. Joshi at Parsi Colony, Dadar.	3 per cent Municipal Debantures ...	500	Par	500 0
Sir Patrick Kelly Memorial Committee ...	Donation for the maintenance of the Statue of Sir Patrick Kelly, Kt., C.I.E., opposite Crawford Market.	3½ per cent Government Loan 1947-50 ...	900	108 2	973 2
Joint Honorary Secretary Dr. A. G. Viegas Memorial Committee.	Donation for the maintenance of the Statue of the late Dr. A. G. Viegas at Dhobi Talao ...	3 per cent. Municipal Debentures ...	500	Par	500 0
Khan Bahadur Kawasji J. Petigara Memorial Committee	Donation for the maintenance of the Statue of Khan Bahadur K. J. Petigara.	3½ per cent. Government Paper 1842-43 ...	500	96 3	480 15
Sir Dinshaw Watcha, Kt., Memorial Committee ...	Donation for the maintenance of the Statue of Sir Dinshaw Watcha, Kt. ...	3½ per cent. Goverement Paper 1842-43 ...	500	96 3	480 15
Trustees of late Kasambhai Vali Gangj is Estate ...	Donation for the maintenance of a drinking fountain at the junction on Sandhurst Road and New Chinchbunder Road ...	3½ per cent. Government Paper ...	1,700	99 4	1,687 4
Bai Muktabai W/o of Dr. M. V. Parulekar ...	Donation for the maintenance of a drinking fountain at Lakhamsey Napoo Road ...	3½ per cent. Government Paper ...	500	99 6	496 14
Mr. P. S. Gaikawad ...	Donation for the maintenance of a drinking fountain near Round Temple Sandhurst Road ...	3½ per cent. Government Paper ...	700	100 2	700 14
		Total ...	50,600		45,746 1
Mrs. A. M. Stewart ...	Donation for maintenance of Cemetery No 20 at Antop Hill for the European Jewish Community.	3 per cent. Municipal Debentures	2,500	Par	2,500 0
Rao Bahadur Ellappa Balaram ...	Donation for the maintenance of a Charitable Dispensary at Kamathipura ...	4 per cent. Bombay Improvement Trust Loan due 1966 ...	5,000	Par	19,500 0
		4 per cent. Bombay Improvement Trust Loan due 1972 ...	14,500	Do.	
Bai Lingoobai, widow of Rajanna Jalooji	Do. do. do. do.	3½ per cent. Government Paper 1854-55 ...	10,700	Do.	10,700 0
Colaba Free Dispensary ...	Donation for the maintenance of Assets of the dispensary taken over by the Municipality on its taking over the dispensary.	4 per cent. Government Loan 1960-70 ...	1,200	87 10	1,051 8
Joint Honorary Secretaries and Treasurers, George V Anti-Tuberculosis League.	Donation for the maintenance of Assets transferred to the Municipality on its taking over the League.	3½ per cent. Government Paper 1900-01 ...	1,000	Par	21,000 0
		4 per cent. Municipal Debentures due 1954 ...	20,000	Do.	
Mr. Shapurji Sorabji ...	Donation in connection with the house in Khetwadi given by him for being used as a Maternity Home.	3½ per cent. Government Paper 1854-55 ...	5,000	Do.	10,000 0
		3½ per cent. Government Paper 1879 ...	5,000	Do.	
Messrs. Little & Co. ...	Amount representing balance out of the amount set apart for the purchase of Bai Gowrabai Dispensary Building at Kamathipura.	4 per cent. Loan 1960-70 ...	2,900	88 0	2,552 0
Do.	Donation for meeting charges for repairs, etc., to Bai Gowrabai Dispensary at Kamathipura.	6 per cent. Municipal Debentures 1950-60 ...	5,000	99 10	4,981 4
Unspent balance out of the donation from the estate of the late Mr. Mahomed Haji Saboo Sidick	Donation for establishing and maintaining Maternity Homes in Bombay ...	3 per cent. Municipal Debentures ...	52,600	Par	52,600 0
		Total ...	1,22,900		1,22,384 12
		Grand Total Rs.	1,76,000		1,70,630 13

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 16-C.

Statement showing the amounts of and object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1946.

Name of donor.	Object for which the endowment is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
	Scholarships and Prizes.		Rs.	Rs. a.	Rs. a.
The Bhawnagar Durbar ...	"Bhawnagar State Entrance Scholarship" at G. S. M. College ...	4 per cent. Government Loan 1960-70 ...	5,900	88 0	5,192 0
Dr. N. A. Purandare ...	"Savitribai Purandare Prize" at K. E. M. Hospital ...	Do. do. ...	300	Par	300 0
Mr. Tulsidas H. Parekh ...	"Bai Bachubai Thakurdas Parekh Entrance Scholarship" at G. S. M. College.	3½ per cent. Government Paper ...	100	Par	100 0
		4 per cent. Government Loan 1960-70 ...	3,700	88 0	3,256 0
Mr. Lalji Naranji ...	"Lalji Naranji Scholarship" at G. S. M. College ...	Do. do. ...	4,500	88 0	3,960 0
Mr. Chaturbhuj Gordhandas Sunderdas ...	"Chaturbhuj Gordhandas Sunderdas Scholarship" and "Bai Gangabai Gordhandas Sunderdas Scholarship" at G. S. M. College.	Do. do. ...	9,100	88 0	8,008 0
Dr. (Mrs.) Dossibai Jehangir Rattanshaw Dadabhoy, M.D., M.R.C.P. (Lond.).	"Awabai Rattanshaw Dadabhoy Scholarship" at G. S. M. College.	Do. do. ...	3,900	88 0	3,432 0
		3½ per cent. Government Paper ...	200	68 4	136 8
Mr. Jehangir Rattanshaw Dadabhoy ...	"Rattanshaw Dadabhoy Scholarship" at G. S. M. College ...	4 per cent. Government Loan 1960-70 ...	3,900	88 0	3,432 0
The Honorary Staff and Professors of the K. E. M. Hospital and G. S. M. College.	"Bahadurji Memorial Scholarship in Surgery" at G. S. M. College. ...	Do. do. ...	3,900	88 0	3,432 0
		6 per cent. Municipal Debentures 1950-60 ...	2,000	99 10	1,992 8
		3 per cent. Municipal Debentures ...	100	Par	100 0
The Trustees of Dr. Choksy's Entertainment Fund.	Donation for endowing a Gold Medal called "Sir Nusserwanji Choksy Memorial Prize Medal" at G. S. M. College.	4 per cent. Government Loan 1960-70 ...	100	Par	100 0
			200	97 5	194 10
			300	98 6	295 2
		3 per cent. Government Loan 1963-65 ...	200	98 0	196 0
H. H. the Maharana Shri Sir Doulatsingji, K.C.I.E., Thakore Saheb of Limbdi.	Donation for awarding a gold medal and a miniature replica of the Challenge Cup.	6 per cent. Municipal Debentures 1950-60 ...	1,800	99 10	1,793 4
Dr. Shirwalkar Memorial Fund Committee ...	"Dr. Shirwalkar, General Proficiency Scholarship and Medals" at G. S. M. College.	3½ per cent. Government Paper ...	6,000	Par	6,000 0
		Do. do. ...	3,000	Par	3,000 0
		4 per cent. Municipal Debentures ...	2,000	Par	2,000 0
Mrs. Dhungavri Rangildas Desai ...	Donation for endowing two prizes of Rs. 20 each to the Nurses of the K. E. M. Hospital.	4 per cent. Bombay Port Trust Bonds 1913 ...	1,000	Par	1,000 0
Dr. E. Moses ...	"Mrs. Abigail Elijah Moses Prize" at K. E. M. Hospital ...	3½ per cent. Government Paper ...	500	Par	500 0
		3½ per cent. Government Loan 1947-50 ...	100	102 12	102 12
		3½ per cent Government Paper ...	1,000	99 1	990 10
		4 per cent. Government Loan 1960-70 ...	9,000	88 0	7,920 0
		3 per cent. Government Loan 1963-65 ...	1,200	98 6	1,180 8
Messrs. Win and Co., Solicitors, on behalf of the executors of the will of the late Mr. Kassamji Ranchhodji Desai.	"Kassamji Ranchhodji Prize" at K. E. M. Hospital ...	3½ per cent. Government Loan 1947-50 ...	1,000	100 7	1,004 6
		3 pet cent. Municipal Debentures ...	300	Par	300 0
		3½ per cent. Government Paper ...	500	95 4	476 4
Dr. H. D'Sa ...	Mrs. D'Sa Memorial Gold Medal at G. S. M. College ...	4 per cent. Bombay Port Trust Debentures ...	3,000	Par	3,000 0
Mrs. Luxmibai Kane ...	Dr. G. W. Kane Memorial Gold Medal at G. S. M. College ...	3½ per cent. Government Loan 1947-50 ...	1,200	101 1	1,212 12
Mr. N. Dhume ...	Narayan Dhume Prize at G. S. M. College ...	3½ per cent. Government Paper ...	1,000	Par	1,000 0
Mr. Parmanand Krishnarao Rele ...	Dakurnath Krishnarao Rele Prize ...	3½ per cent. Loan 1947-50 ...	500	103 11	518 7
Prof. Khanolkar Farewell Fund Committee ...	Prof. V R. Khanolkar Prizes ...	3½ per cent Government Paper ...	5,700	94 3	5,368 11
		Do. ...	1,900	100 2	1,902 6
Dr. P. T. Patel Memorial Fund Committee ...	Dr. P. T. Patel Entrance Scholarship at G. S. M. College ...	Do. ...	5,200	94 3	4,897 12
		Do. ...	100	103 15	103 15
Do. Do	Dr. P. T. Patel Prize at G. S. M. College ...	Do. ...	3,100	94 3	2,919 13
Seth G. S. M. College & K. E. M. Hospital Staff Farewell Fund Committee. ...	The Seth G. S. M. College and K. E. M. Hospital Staff Fund for awarding prizes and making grants for attending Medical & Scientific conferences etc. ...	Do. ...	9,400	94 3	8,853 10
		Do. ...	1,700	103 15	1,766 15
Dr. R. N. Cooper. ...	Jangoo Shavaksha Marzban Prize ...	Do. ...	2,100	94 3	1,977 15
Dr. R. N. Cooper. ...	Bai Banoobai Nusserwanji Cooper Prize ...	Do. ...	9,000	Par	9,000 0
Lakdawala Sisters ...	Mrs. Soonamai Bapuji Cama Prizes ...	Do. ...	500	Par	500 0
Dr. Padshah Memorial Committee ...	Dr, Padshah Research Scholarship ...	Do. ...	34,000	Par	34,000 0
Mr. V. H. Hazrat ...	Miss. Manorama Hazrat Memorial Prize ...	Do. ...	1,900	102	1,938 0
Dr. R. V. Phansalkar ...	Vasant Phansalkar Memorial Prize ...	Do. ...	1,600	102	1,632 0
		Scholarships—Total, Carried over Rs' ...	1,47,700		1,40,986 12

Appendix No. 16-C—*Concluded.*

Name of donor.	Object for which the endowment is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
		Brought forward Rs. ...	Rs. 1,47,700	Rs. a.	Rs. a. 1,40,986 12
	Clothing.				
		3½ per cent. Government Paper ...	10,000	Par	10,000 0
		3½ per cent. Government Paper ...	18,600	Par	18,600 0
		3½ per cent. Government Paper ...	2,000	98 4	1,965 0
Messrs. Ardeshir Hormasji Dinshaw and Co., on behalf of the Advocate-General.	Donation for the grant of warm clothing to patients discharged from the K. E. M. Hospital out of interest realised on securities.	4 per cent. Government Loan 1960-70 ...	8,000	88 0	7,040 0
		4 per cent. Government Loan 1960-70 ...	4,800	87 10	4,206 0
		4 per cent. Government Loan 1960-70 ...	2,000	76 5	1,526 4
		3 per cent. Loan 1963-65 ...	4,000	98 0	3,920 0
		4 per cent. Bombay Improvement Trust Debentures ...	100	Par	100 0
		Clothing, Total Rs. ...	49,500		47,357 4
	Education.				
The Society for the Promotion of Education among the masses known as the Dadabhoy Nowrosji Poor Boys' Seminary.	Donation for the Promotion of Education among the masses ...	3½ per cent. Government Paper	5,000	Par	5,000 0
President, Dharmajirao Rokade Free Reading Room & Library ...		3½ Do. do.	3,000	Par	3,000 0
		3½ Do. do. ...	900	97 2	874 2
		Education Total Rs. ...	8,900		8,874 2
	Poor Box Charity.				
Mr. Mansukhlal Chaganlal ...	Donation towards the Poor Box Charity Fund at K. E. M. Hospital ...	4 per cent. Government Loan 1960-70 ...	5,700	88 12	5,058 12
....	Balance out of the donations received during the Influenza Epidemic invested in Securities, the interest being utilised for augmenting the Poor Box Charity Fund (Corporation Resolution No. 13650 of 12th March 1928). Securities purchased out of interest accumulations.	4 per cent. Government Loan 1960-70 ...	5,800	88 0	5,104 0
		4 Do. do. ...	900	79 0	711 0
		3½ per cent. Government Paper ...	2,000	96 2	1,922 8
The Estate Agent, Bombay Improvement Trust on behalf of the staff.	Donation towards the Poor Box Charity Fund ...	4 Do. do. 1960-70 ...	200	88 0	176 0
Mr. Malloo Baleo ...	Donation in memory of Bai Rajiabai Malloo Yadav towards the Poor Box Charity Fund.	3 per cent. Municipal Debentures ...	1,000	Par	1,000 0
		Poor Box Charity, Total Rs. ...	15,600		13,972 4
	Convalescent Home.				
		3 per cent. Government Loan 1951-54 ...	6,000	Par	6,000 0
		3½ Do. Government Paper ...	1,07,400	Do.	1,07,400 0
		3½ Do. do. ...	400	99 15¾	399 15
		3½ Do. do. ...	300	97 9½	292 12½
		4 Do. do. 1960-70 ...	20,000	Par	20,000 0
Dean, K.E.M. Hospital and purchased out of accumulated interest on the Securities held in the fund ...	Donation out of Poor Box Charity Fund for a Convalescent Home ...	4 Do. Bombay Port Trust Debentures ...	4,000	Do.	4,000 0
		4 Do. Bombay Improvement Trust Debentures ...	24,000	Do.	24,000 0
		5 Do. Bombay Municipal Debentures ...	18,000	Do.	18,000 0
		6 Do. do. do. ...	12,000	Do.	12,000 0
		3 Do. do. do. ...	4,600	Do.	4,600 0
		3½ Do. do. ...	1,600	Par	1,600 0
		Convalescent Home, Total Rs. ...	1,98,300		1,98,292 11½
Seth Shantilal Mathuradas Parik ...	Endowment for the maintenance of a Blood Bank (out of Rs. 1 lac donated for Construction and maintenance of Blood Bank.) ...	3½ Do. Government Paper ...	38,600	103 6½	39,914 13
		Grand Total Rs. ...	4,58,600		† 4,49,397 14½

† Including the Cash balance of Rs. 292-4-2 with the Imperial Bank of India in respect of the Convalescent Home, the Endowment Fund stands at Rs. 4,49,690-2-8 as Shown in Appendix No. 6

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix

Statement showing the quantity and value of several articles upon which Town

Months and Year	Grain and Pulse at 8 pies per maund.		Flours of all sorts at 75 per cent. of the rate at the time being levied on the grain from which flour is prepared at 6 pies per maund.		Wines and Spirits at 4 annas per gallon.		Beer at 6 pies per gallon.		Sugar at 8 annas per cwt.	
	Maunds.	Amount of duty.	Maunds.	Amount of duty.	Gallons.	Amount of duty.	Gallons.	Amount of duty.	Cwt.	Amount of duty.
		Rs.		Rs.		Rs.		Rs.		Rs.
I.—Duty collected by Bombay Port Trust.										
1945—										
April ...	3,91,096	16,296	1,42,064	4,439	36,320	9,080	1,564	49	...	...
May ...	5,95,976	24,832	6,868	215	23,658	5,915	8,668	271	...	...
June ...	3,72,518	15,522	7,220	226	16,674	4,169	19,314	603	...	...
July ...	4,53,096	18,879	1,390	43	32,799	8,200	7,836	245	...	...
August ...	8,28,369	34,515	1,376	43	89,337	22,334	21,726	679	...	...
September ...	20,28,361	84,515	146	5	10,074	2,518	...	...	...	...
October ...	12,37,892	51,579	...	...	40,895	10,224	100	3	...	...
November ...	12,31,929	51,330	1,588	50	79,421	19,855	...	...	...	...
December ...	13,64,083	56,837	12,268	383	20,989	5,247	824	26	...	...
1946—										
January ...	7,58,240	31,593	24,202	756	51,641	12,910	12,842	401	...	...
February ...	14,10,588	61,275	152	5	44,855	11,214	62	2	...	...
March ...	12,01,977	50,082	...	...	59,137	14,784	23,808	744	216	108
Paddy ...	19,745	514	...	...	...	...	...	...	...	...
Total ...	1,19,53,870	4,97,769	1,97,274	6,165	505,800	1,26,450	96,744	3,023	216	108
II.—Duty collected by G. I. P. Railway.										
1945—										
April ...	508,679	21,195	...	...	18,412	4,603	...	...	50,886	25,443
May ...	10,60,207	44,175	...	...	9,716	2,429	...	...	1,08,450	54,225
June ...	14,72,730	61,364	...	...	21,041	5,260	...	...	61,197	30,599
July ...	15,92,710	66,363	...	...	13,049	3,262	...	...	67,285	33,643
August ...	7,80,208	32,509	...	...	...	...	...	...	1,63,322	81,661
September ...	7,91,468	32,978	...	...	27,106	6,777	...	...	70,626	35,313
October ...	7,16,632	29,860	...	...	13,052	3,263	...	...	31,858	15,929
November ...	1,98,552	8,273	...	...	11,773	2,943	...	...	1,15,022	57,511
December ...	6,08,716	25,363	...	...	...	...	...	...	86,018	43,009
1946—										
January ...	3,31,242	13,802	...	...	...	...	...	...	1,95,896	97,948
February ...	6,77,155	28,215	...	...	31,940	7,985	...	...	1,41,257	70,629
March ...	8,46,296	35,262	...	...	...	...	...	...	1,52,612	76,306
Total ...	95,84,595	3,99,359	...	...	1,46,089	36,522	....	...	12,44,429	6,22,216
III.—Duty collected by B. B. & C. I. Railway.										
1945—										
April ...	2,15,916	8,997	40	2	2,958	740	1,440	45	21,169	10,584
May ...	1,99,668	8,320	...	...	1,584	396	...	...	40,708	20,354
June ...	2,29,038	9,543	...	...	6,444	1,611	...	...	61,807	30,904
July ...	1,66,824	6,951	40	1	6,122	1,530	...	...	36,406	18,203
August ...	1,61,646	6,735	...	...	7,283	1,921	...	...	6,008	3,004
September ...	75,792	3,158	...	...	4,761	1,190	...	...	14,729	7,365
October ...	1,15,161	4,798	...	...	6,248	1,562	5,400	169	4,930	2,465
November ...	1,36,809	5,700	...	...	4,139	1,035	...	...	14,098	7,049
December ...	1,20,183	5,008	...	...	2,864	716	...	...	6,207	3,103
1946—										
January ...	3,47,814	14,492	...	...	7,997	1,999	...	...	27,636	13,818
February ...	3,50,514	14,605	...	...	3,656	914	...	...	12,614	6,307
March ...	3,35,868	13,994	...	...	2,952	738	...	...	38,138	19,069
Total ...	24,55,233	1,02,301	80	3	57,008	14,352	6,840	214	2,84,450	142,225
IV.—Duty collected by Election and Town Duty Officer.										
1945—										
April ...	21,435	893	4,000	125	31,501	7,875	226	7	1,409	704
May ...	26,990	1,125	64	2	21,477	5,369	142	4	10,548	5,274
June ...	8,969	374	576	18	15,762	3,941	208	6	7,827	3,914
July ...	11,709	488	160	5	18,077	4,519	108	3	1,249	625
August ...	10,152	423	96	3	20,265	5,066	160	5	1,467	734
September ...	1,695	71	...	...	18,609	4,652	26	1	10,265	5,132
October ...	8,088	337	...	...	24,553	6,138	114	4	6,413	3,206
November ...	11,317	471	...	...	25,581	6,396	68	2	4,688	2,344
December ...	48,409	2,017	...	...	24,925	6,231	22	1	6,465	3,233
1946—										
January ...	1,01,188	4,216	34	1	22,310	5,578	...	...	6,128	3,064
February ...	87,792	3,658	...	...	18,338	4,585	...	...	8,576	4,288
March ...	1,22,281	5,095	...	...	19,263	4,816	20	1	5,285	2,642
Total ...	4,59,625	19,168	4,930	154	2,60,661	65,166	1,094	34	70,320	35,160
Grand Total ...	2,44,53,673	10,18,597	2,02,284	6,322	9,69,558	2,42,490	1,04,678	3,271	15,99,415	7,99,709
Deduct—Refunds passed by E. & T. D. O. ...	59,75,154	2,48,965	2,73,646	8,552	25,688	6,422	752	23	4,01,090	2,00,545
Net Revenue ...	1,94,78,569	7,69,632	—71,362	—2,230	9,43,870	2,36,068	1,03,926	3,248	11,98,320	5,99,164

Commission etc. charges on General Town Duty collected by

Month.	Bombay Port Trust.	G. I. P. Railway.	B. B. & C. I. Railway.	Total.
	Rs.	Rs.	Rs.	Rs.
1945—				
April ...	2,157		1,543	3,700
May ...	1,608	5,691	1,443	8,742
June ...	533	3,332	—14	3,851
July ...	621	2,892	996	4,509
August ...	1,264	2,726	1,430	5,420
September ...	2,912	3,857	1,173	7,942
October ...	3,078	2,563	3,275	8,916
November ...	2,401	1,627	—8	4,020
December ...	3,234	2,182	929	6,345
1946—				
January ...	2,733	1,984	647	5,364
February ...	2,249	...	—4	2,245
March ...	3,116	2,795	3,121	9,032
Total ...	25,906	29,649	14,531	70,086

J. K. DARUVALA,
Chief Accountant.

No. 17.

Duty was levied during 1945-46 under section 192(1) of the City of Bombay Municipal Act of 1888.

Ghee and Vegetable products at 10 annas per quarter.		Timber at 2½ per cent. on Market Value.		Firewood at 6 annas per ton.		Sundries.		Total Monthly Collections.
Quarters.	Amount of duty.	Value.	Amount of duty.	Tons.	Amount of duty.	*Plus.*	*Minus.*	
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
10,364	6,477	7,33,490	18,337	7,693	2,885	...	...	57,563
11,868	7,418	9,75,510	24,388	4,952	1,857	...	...	64,896
1,049	656	1,18,770	2,969	546	205	...	...	24,350
...	...	1,30,323	3,258	...	...	...	...	30,625
...	...	90,800	2,270	41	16	...	...	59,857
4,028	2,518	2,35,958	5,899	391	146	...	...	95,601
10,032	6,270	4,51,237	11,281	4,492	1,684	...	...	81,041
13,081	8,175	11,51,865	28,797	7,387	2,770	...	...	1,10,977
12,925	8,078	6,50,612	16,265	7,839	2,940	...	...	89,776
16,537	10,336	5,44,355	13,609	9,078	3,404	...	...	73,009
11,549	7,218	8,74,500	21,863	9,232	3,462	...	...	1,05,039
11,199	6,999	3,46,135	8,653	8,896	3,336	...	...	84,706
...	...	...	..	...	...	...	...	514
1,02,632	64,145	63,03,555	1,57,589	60,547	22,705	...	...	8,77,954
1,390	869	91,185	2,280	3,309	1,241	...	...	55,631
630	393	92,820	2,321	8	3	...	...	1,03,546
773	483	53,560	1,341	...	...	...	...	99,047
976	610	13,250	331	...	...	...	...	1,04,209
1,230	770	...	...	...	...	...	...	1,14,940
486	304	43,800	1,095	2,180	818	...	...	77,285
3,632	2,270	18,100	452	132	49	...	...	51,823
1,376	860	81,875	2,047	220	82	...	...	71,716
1,227	767	6,000	150	152	57	...	...	69,346
3,732	2,332	8,400	210	170	64	...	...	1,14,356
3,285	2,053	17,800	445	172	64	...	...	1,09,391
1,214	759	16,200	405	...	...	...	...	1,12,732
19,951	12,470	4,42,990	11,077	6,343	2,378	...	...	10,84 022
2,355	1,472	279,720	6,993	7,230	2,711	...	...	31,544
1,847	1,154	592,870	14,572	7,716	2,894	...	...	47,690
2,312	1,445	558,060	13,951	6,389	2,395	...	...	59,849
4,911	3,070	497,970	12,447	3,909	1,466	6003	...	49,671
12,129	75,80	740,535	18,513	4,752	1,782	...	...	39,535
5,095	3,185	458,280	11,457	4,952	1,857	...	...	28,212
6,306	3,941	324,190	8,105	36,80	1,380	...	...	22,420
9,230	5,768	681,410	17,035	2,034	763	...	...	37,350
5,421	3,389	486,430	12,161	2,178	817	...	...	25,194
10,105	6,400	3,63,230	9,081	5,425	2,034	...	6000	41,824
9,563	5,977	363,090	9,077	6,316	2,369	...	...	39,249
6,068	3,793	515,062	12,876	6,869	2,576	...	...	53,046
75,342	47,174	58,50,837	1,46,268	61,450	23,044	6003	6000	4,75,584
10,339	6,461	3,02,145	7,554	166	62	...	...	23,681
5,022	3,138	3,32,175	8,304	173	65	...	...	23,281
7,607	4,754	2,90,180	7,255	77	29	...	...	20,291
6,700	4,188	2,24,725	5,618	86	32	...	...	15,478
9,516	5,948	1,83,310	4,583	107	40	...	...	16,802
10,932	6,832	1,46,983	3,675	61	23	...	...	20,386
13,183	8,240	1,55,595	3,890	202	76	...	...	21,891
10,641	6,650	1,54,553	3,864	141	53	...	...	19,780
9,005	5,628	1,64,220	4,105	166	62	...	...	21,278
5,230	3,269	1,69,493	4,237	406	152	...	...	20,517
9,006	5,629	1,88,177	4,704	132	50	...	...	22,914
11,291	7,058	2,20,752	5,518	66	25	...	...	25,155
1,03,472	67,795	25,32,308	63,308	1,783	669	...	...	2,51,454
3,06,397	1,91,584	1,51,29,690	3,78,242	1,30,123	48,796	6,003	6,000	26,89,014
5,230	3,269	...	...	...	...	...	...	4,67,776
3,01,167	1,88,315	1,51,29,690	3,78,242	1,30,123	48,796	6,003	6,000	22,21,238

	Rs.	Rs.	Rs.
Total Collection of Town Duty for 1945-46 ...			26,89,014
Add—Outstanding on 31st March 1945 due by—			
Bombay Port Trust	1,185		
G. I. P. Railway	25,154		
B. B. & C. I. Railway	3,550		
			29,889
			27,18,903
Deduct—Outstanding balances on 31st March 1946 due by—			
Bombay Port Trust	11,287		
G. I. P. Railway	45,907		
B. B. & C. I. Railway	4,438		
		61,632	
Total amount of commission, etc., charges for the collection of Town Duty deducted at the source ...		70,086	
Refunds paid in 1945-46—			
For previous years	1,22,656		
For 1945-46	3,68,895		
		4,91,551	
			6,23,269
			20,95,634
Refunds—			
Balance outstanding for 1944-45 ...	2,04,258		
Add—Refunds sanctioned by E. & T.D.O. for 1945-46.	4,67,776		
		6,72,034	
Less—Refunds passed by the Chief Accountant ...		4,91,551	
Balance outstanding ...		1,80,483	

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix

Income of the Bombay Municipality from the year

Year.	Taxation Proper									
	Gross Valuation.	House Rate.	Police Rate.	Wheel Tax and Tolls.	Licences for Trades, Land Conveyances, Music, etc.	Town Duties.	Cotton Duty.	Liquor Licences.	Tobacco Licences.	
	Rs.	Consolidated Rate.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1932-33	14,41,33,933	@ 11%	1,20,42,747	10,70,340	1,71,385	11,27,188	8,28,856	1,43,750	3,50,771	@ ½%
933-34	14,32,51,802	@ 11%	1,22,45,281	10,57,393	1,69,759	14,02,738	8,86,189	1,43,750	2,54,247	Do.
1934-35	14,54,15,785	@ 12%	1,33,68,984	11,46,683	1,78,149	13,87,977	*758	1,43,750	3,65,150	Do.
1935-36	14,72,00,410 †Rateable Value	Do.	1,28,88,990	11,13,357	1,82,301	14,77,756		1,43,750	3,28,225	Do.
1936-37	13,31,56,299	@ 11%	1,26,18,595	10,74,038	1,92,968	14,48,130		1,43,750	3,93,000	Do.
1937-38	13,62,69,866	Do.	1,25,73,931	14,29,080	1,93,564	13,09,001		1,43,750	4,14,250	Do.
1938-39	13,48,69,247	Do.	1,36,06,715	13,69,662	2,09,522	15,52,261		1,43,750	1,58,970	Do.
1939-40	13,97,61,676	Do.	1,34,47,825	12 74,008	2,38,219	13,78,340		...	...	Do.
1940-41	14,14,61,189	Do.	1,38,54,785	13,59,332	2,33,806	14,24,031		...	...	Do.
1941-42	14,27,65,826	Do.	1,39,20,308	14,70,207	2,33,096	18,48,316		...	..	Do.
1942-43	14,63,63,848	Do.	1,47,94,959	18,14,308	2,32,983	14,82,649		...	...	Do.
1943-44	15,93,54,514	Do.	1,53,51,010	16,46,989	2,57,465	16,17,662		...	...	Do.
1944-45	16,00,98,370	Do.	1,59,44,469	17,58,787	2,62,101	19,40,054	...	...	...	Do.
1945-46	16,71,69,555	@ 12%	1,83,61,824	18,75,449	2,74,845	20,95,634	...	...	...	Do.

*Abolished with effect from 1-4-1934.
†As per S. C. R. No. 646, dated the 3rd October 1935.

J. K. DARUVALA,
Chief Accountant.

Appendix

Expenditure of the Bombay Municipality

Year.	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities and Provident Fund.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1932-33 ...	3,85,083	4,66,482	3,02,499	55,88,550	31,25,898	62,292	8,16,812	32,45,592	17,13,017	1,33,53,226
1933-34 ...	3,77,708	4,58,593	2,69,016	53,90,313	29,83,376	61,293	9,48,829	32,30,720	16,56,005	1,32,22,310
1934-35 ...	3,12,069	4,53,999	2,94,402	50,68,619	29,08,983	62,330	9,85,621	32,02,997	16,48,684	1,25,93,943
1935-36 ...	4,57,885	6,21,859	3,31,127	51,72,046	28,31,750	75,535	10,01,238	32,11,219	16,85,887	1,21,43,455
1936-37 ...	4,73,635	6,35,879	3,56,413	53,03,448	28,66,924	76,752	10,58,470	33,86,264	17,96,734	1,19,45,222
1937-38 ...	4,71,811	6,28,592	4,16,289	58,01,823	29,68,240	73,772	9,34,532	35,06,561	19,15,745	1,20,46,808
1938-39 ...	5,23,131	6,58,051	3,40,593	59,84,010	29,85,995	74,450	11,70,589	36,44,231	19,51,873	1,21,88,098
1939-40 ...	5,03,569	6,71,512	3,45,411	61,16,547	31,69 113	75,741	12,08,364	38,33,790	20,72,534	1,23,36,073
1940-41 ...	5,17,249	7,50,916	3,36,242	63,91,043	32,92,424	73,870	12,47,477	41,76,076	21,11,929	1,24,94,113
1941-42 ...	5,11,192	7,62,592	3,39,989	62,17,370	31,75,222	75,905	12,73,507	41,55,226	19,34,992	1,26,83,919
1942-43 ...	5,29,154	7,71,691	3,30,152	60,10,818	32,21,516	76,290	12,74,070	42,41,771	20,62,631	1,25,66,415
1943-44 ...	5,61,389	7,84,471	3,39,551	63,23,562	35,01,906	76,435	13,19,918	47,57,820	23,58,896	1,24,57,713
1944-45 ...	5,79,837	7,88,907	3,47,768	69,55,431	35,55,521	83,096	13,58,305	53,85,510	24,14,403	1,24,88,638
1945-46 ...	5,58,655	8,06,728	3,96,054	77,91,051	37,34,719	84,367	14,77,878	61,20,009	28,34,880	1,24,41,110

J. K. DARUVALA,
Chief Accountant.

No. 18.

1932-33 to close of the Financial year 1945-46.

		Services rendered.			Miscellaneous.					
Contribution from Insurance Companies or Fire Tax.	Total Taxation Proper.	Halal-khore Tax.	Water Tax.	Total services rendered.	Returns from Property and Miscellaneous.	Total Income.	Year.	Population by Census.	Incidence of Taxation per head of population.	Five years' average annual income.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs. a. p.	Rs.
5,48,757	1,62,83,794	30,78,239	63,86,907	94,65,146	42,53,441	3,00,02,381	1932-33	1,161,383	22 2 9	
5,56,824	1,67,16,181	30,88,965	62,98,417	93,87,382	53,12,408	3,14,15,971	1933-34		22 7 7	
5,58,891	1,71,50,342	31,48,555	63,27,589	94,76,144	53,06,620	3,19,33,106	1934-35		22 14 10	3,15,57,228
5,37,641	1,66,72,020	30,08,828	67,05,265	97,14,093	59,90,340	3,23,76,453	1935-36		22 11 6	
5,68,933	1,64,39,414	32,10,543	70,15,634	1,02,26,177	53,92,638	3,20,58,229	1936-37		22 15 4	
5,72,309	1,66,35,885	33,39,105	75,14,123	1,08,53,228	55,27,305	3,30,16,418	1937-38		23 10 8	
6,18,808	1,76,59,688	36,26,492	77,83,976	1,14,10,468	56,97,119	3,47,67,275	1938-39		25 0 6	
6,12,659	1,69,51,051	36,93,912	80,70,695	1,17,64,607	59,40,443	3,46,56,101	1939-40		24 11 7	3,49,67,552
6,46,399	1,75,18,353	37,82,518	82,25,310	1,20,07,828	61,05,584	3,56,31,765	1940-41	1,489,883	19 13 2	
6,33,068	1,81,04,995	37,55,679	86,29,048	1,23,84,727	62,76,481	3,67,66,203	1941-42		20 7 5	
6,67,934	1,89,92,833	38,74,536	91,31,751	1,30,06,287	69,02,821	3,89,01,941	1942-43		21 7 8	
6,97,400	1,95,45,526	41,21,425	1,00,15,685	1,41,37,110	67,40,897	4,03,98,533	1943-44		22 9 9	
7,24,083	2,06,29,494	43,02,628	1,10,25,653	1,53,28,281	70,19,841	4,29,77,616	1944-45		24 2 2	
7,68,451	2,33,76,203	46,58,271	1,26,78,923	1,73,37,194	80,24,055	4,87,37,452	1945-46		27 5 3	

N. V. MODAK,
Ag. Municipal Commissioner.

No 19.

from the year 1932-33 to the close of the financial year 1945-46.

Contribution to the Bombay Improvement Trust	Public Gardens.	Measures for Civil Defence.	Dearness Allowances.	Plague Expenses.	Slum Service.	Miscellaneous.	Total.	Year.	Five years average annual expenditure.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
23,52,242	1,57,884			65,982		5,33,558	3,21,69,117	1932-33	
(a) 32,84,740	1,57,141			67,759		4,43,796	3,25,51,599	1933-34	
33,39,680	1,45,748			69,968		5,32,016	3,16,19,059	1934-35	3,19,13,361
33,42,690	1,34,179			69,060		2,15,609	3,12,97,539	1935-36	
32,22,391	1,35,584			64,436	4,14,500	1,92,837	3,19,29,489	1936-37	
34,40,225	1,35,807			71,497		3,36,482	3,27,48,184	1937-38	
34,29,454	1,56,149			73,545		3,04,181	3,34,84,350	1938-39	
37,11,006	1,76,458		57,522	89,031		3,77,367	3,47,44,038	1939-40	3,45,63,300
35,73,077	1,78,329		2,98,560	73,624		4,03,477	3,59,18,406	1940-41	
36,88,945	1,65,322		3,08,010	74,621		5,54,709	3,59,21,521	1941-42	
(b) 24,69,485	1,67,090	11,55,548	9,72,830	62,514		5,53,473	3,64 65,448	1942-43	
(b) 26,26,997	1,95,468	3,81,622	24,45,180	99,097		8,66,424	3,90,96,449	1943-44	
27,26,785	2,33,365	69,936	34,60,430	94,086		7,53,269	4,12,95,287	1944-45	
28,36,497	2,29,733	1,43,407	42,86,690	92,223	...	54,79,001	4,93,13,002	1945-46	

(a) Includes Rs. 10,94,913 on account of increased contribution payable towards Improvement Schemes due to the amalgamation of the City Improvement Trust with the Municipality with effect from 1-10-1938 under Bombay Act XIII of 1933.

(b) The contribution is reduced by Bombay Act No. XVI of 1942.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 20.

Contrasted Statement of Income and Expenditure of the Bombay Municipality from 1932-33 to 1945-46.

Year.	Income.	Expenditure.	Difference	
			Surplus.	Deficit.
	Rs.	Rs.	Rs.	Rs.
1932-1933 ...	3,00,02,381	3,21,69,117	...	21,66,736
1933-1934 ...	3,14,15,971	3,25,51,599	...	11,35,628
1934-1935 ...	3,19,33,106	3,16,19,059	3,14,047	...
1935-1936 ...	3,23,76,453	3,12,97,539	10,78,914	...
1936-1937 ...	3,20,58,229	3,19,29,489	1,28,740	...
1937-1938 ...	3,30,16,418	3,27,48,184	2,68,234	...
1938-1939 ...	3,47,67,275	3,34,84,350	12,82,925	...
1939-1940 ...	3,46,56,101	3,47,44,038	...	87,937
1940-1941 ...	3,56,31,765	3,59,18,406	...	2,86,641
1941-1942 ...	3,67,66,203	3,59,21,521	8,44,682	...
1942-1943 ...	3,89,01,941	3,64,65,448	24,36,493	...
1943-1944 ...	4,03,98,533	3,90,96,449	13,02,084	...
1944-1945 ...	4,29,77,616	4,12,95,287	16,82,329	...
1945-1946 ...	4,87,37,452	4,93,13,002	...	5,75,550

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 21.

IMPROVEMENT SCHEMES.

General Financial Statistics.

Particulars.	1941-42.	1942-43.	1943-44.	1944-45.	1945-46.
General Account.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts.					
1. Land Revenue ...	52,26,917	54,12,392	54,75,447	60,05,405	60,27,020
2. Municipal contribution ...	36,88,945	24,69,485	26,26,997	27,26,784	28,36,497
3. Tobacco Duty ...	10,00,000	4,13,223	10,00,000	10,00,000	7,52,163
4. Miscellaneous ...	4,38,886	4,32,783	4,42,874	4,68,302	4,80,461
	1,03,54,748	87,27,883	95,45,318	1,02,00,491	1,00,96,141
Expenditure.					
5. Maintenance of Properties and Streets ...	17,73,303	17,57,705	18,46,284	21,39,214	24,40,902
6. Debt Charges ...	79,94,668	79,62,380	79,48,337	78,13,440	77,63,686
7. Repayment of excess amount received on account of Contribution from Municipal Corporation ...	...	6,27,745	...	...	...
	97,67,971	1,03,47,830	97,94,621	99,52,654	1,02,04,588
8. Surplus (+) or Deficits (—) ...	+5,86,777	—16,19,947	—2,49,303	+2,47,837	—1,08,447
Loans.					
9. Debt outstanding ...	16,32,79,467	16,17,88,592	16,12,80,506	15,83,65,640	15,77,67,906
10. Redemption and Sinking Funds in hand or invested ...	2,93,47,180	3,10,38,866	3,30,19,732	3,48,65,804	3,70,00,838
11. Net Loan Debt ...	13,39,32,287	13,07,49,726	12,82,60,774	12,34,99,836	12,07,67,068

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 22.

IMPROVEMENT SCHEMES.

General Account for the year ending 31st March 1946.

Particulars.	Amount.	Particulars.	Amount.
	Rs.		Rs.
To Revenue expenditure as per Appendix No. 24 ...	1,02,04,588	By Revenue Receipts as per Appendix No. 23 ...	1,00,96,141
		Balance being deficit for the year (transferred to Capital Account Balance Sheet—Appendix No. 25)	1,08,447
Total ...	1,02,04,588	Total ...	1,02,04,588

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK.
Ag. *Municipal Commissioner.*

Appendix No. 23.

IMPROVEMENT SCHEMES.

General Account.

INCOME.

Statement showing the Net Receipts during the Financial year 1945-46 from all sources as contrasted with the Original Budget Estimate.

Particulars.	Budget Estimate for 1945-46.	Revised Estimate for 1945-46.	Actuals for 1945-46.	Actuals for 1944-45.	Compared with the Original Estimate	
					More.	*Less*
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Rents and other Proceeds of Properties—						
(1) Lands comprised in Schedule W ...	5,36,743	5,38,529	5,35,178	5,05,941		1,565
(2) Do. do. X ...	1,24,245	1,24,331	1,23,247	1,28,035		998
(3) Do. do. Y ...	1,07,939	1,08,176	1,06,558	1,09,617		1,381
(4) Do. do. Z ...	204	204	204	204	...	...
(5) Other Lands and Buildings ...	51,46,935	50,83,754	52,61,833	52,61,608	1,14,898	...
	59,16,066	58,54,994	60,27,020	60,05,405	1,14,898	3,944
II.—Contribution from the Municipal Corporation under Section 125(2)(*d*) of the Municipal Act ...	27,69,580	28,36,601	28,36,497	27,26,784	66,917	...
III.—Receipts on account of Tobacco Duty ...	10,00,000	7,52,163	7,52,163	10,00,000	...	2,47,837
IV.—Interest and Profit on Investments ...	3,85,000	3,85,000	4,33,596	4,40,329	48,596	...
V.—Miscellaneous Receipts ...	34,800	27,800	46,865	27,973	12,065	...
Total Income ...	1,01,05,446	98,56,558	1,00,96,141	1,02,00,491	2,42,476	2,51,781

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 24.

IMPROVEMENT SCHEMES

General Account.

EXPENDITURE.

Statement showing the Actuals as compared with the Final Sanctioned Grants for 1945-46.

Particulars.	Final grants sanctioned for expenditure during 1945-46.	Actuals for 1945-46.	Final Grants compared with the Actuals		Actuals for 1944-45.
			Amount required to be renewed in 1946-47.	Savings.	
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
A.—Maintenance of Properties and Streets.					
(*a*) Maintenance of Properties—					
I—Lands comprised in Schedule W ...	1,34,238	1,14,753	515	18,970	97,479
II— Do. do. X ...	31,387	26,560	75	4,752	24,611
III— Do. do. Y ...	25,140	21,203	...	3,937	19,405
IV— Do. do. Z ...	46	40	...	6	36
V—Other Lands and Buildings—					
(1) Schemes ...	14,59,427	12,26,494	59,299	1,73,634	10,90,601
(2) Chawls Permanent ...	11,38,129	7,90,242	2,17,514	1,30,373	6,41,546
(3) S. P. Sheds ...	1,73,237	1,24,729	23,987	24,521	1,03,298
(*b*) Maintenance of Streets ...	3,30,986	1,11,821	1,39,728	79,437	1,37,620
(*c*) Preliminary expenses in connection with the Improvement of Slum areas ...	28,676	24,861	500	3,315	23,820
(*d*) Measures for Civil Defence ...	400	199	...	201	798
Total A.	33,21,666	†24,40,902	4,41,618 *66,896	4,39,146 —66,896	21,39,214
B.—Cost of Management and Establishment.					
(*a*) Corporation and Standing Committee ...	12,442	7,651	2,100	2,691	8,686
(*b*) Deputy Municipal Commissioner's Office Establishment ...	34,559	33,375	157	1,027	32,012
(*c*) Audit and Accounts Establishment ...	36,245	29,031	9	7,205	32,312
(*d*) Estates and Land Management Department ...	4,31,397	3,61,540	48,271	21,586	3,58,542
(*e*) City Engineer's Department ...	1,46,761	1,33,075	2,245	11,441	1,36,894
(*f*) General Stores ...	2,888	2,728	...	160	3,238
(*g*) Incidental Expenses ...	1,44,817	1,30,781	756	13,280	1,08,158
(*h*) Dearness Allowance (Grain Compensation) ...	3,85,920	3,74,203	6,317	5,400	2,99,285
Total B.	11,95,029	10,72,384	59,855	62,790	9,79,127
C.—Proportionate charge on account of Municipal Supervision ...	1,40,961	86,954	7,041	46,966	89,414
Total B and C	13,35,990	11,59,338	66,896	1,09,756	10,68,541
Deduct—					
Charged to Capital Account ... Rs. 1,01,450 ...					
Charged to General Account ... Rs. 10,57,888 ...					
	13,35,990	11,59,338	66,896	1,09,756	10,68,541
	...	...	...	...	...
D.—Debt Charges.					
I.—Interest on Loans ...	67,62,416	66,50,457	1,06,035	5,924	67,12,846
II.—Appropriation for reduction or avoidance of Debt ...	11,13,230	11,13,229	...	1	11,00,594
Total D.	78,75,646	77,63,686	1,06,035	5,925	78,13,440
Grand Total ...	1,11,97,312	1,02,04,588	6,14,549	3,78,175	99,52,654

* Rs. 66,896 represent expenditure on account of cost of Management and Establishment including Municipal Supervision to be allocated at the end of the year.

†This includes Rs. 10,57,888 being the share of cost of Management and Establishment chargeable to General Account.

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 25.

IMPROVEMENT SCHEMES.

Balance Sheet—(Capital Account) as at 31st March 1946.

LIABILITIES		Rs.	ASSETS		Rs.
LOANS OUTSTANDING—			BLOCK ACCOUNT—		
(*Vide* details as shown in Appendix No. 29)	... 15,77,67,906		Property and Assets at original cost as per Appendix No. 26	... 19,04,13,053	
Book value of lands comprised in Schedules "W" and "X"	... 47,58,490		Book value of lands comprised in Schedules "W" and "X" as per Appendix No. 27 (Section 91A of the Municipal Act)	... 47,58,490	
SURPLUS—					
Extraordinary receipts—					
Transfer of Sinking Fund Accumulations in respect of Rs. 370 lakhs loan	25,07,830				
Special grants from the Government of India	54,00,000				
Premia on loan raised in 1935-36	30,000				
Sale proceeds of Lands and Buildings—	Rs.				
Sale proceeds up to 31st March 1945	... 5,05,21,262				
Sale proceeds during 1945-46	... 28,88,403				
	5,34,09,665				
Sinking Fund on Loans	3,70,00,838		SINKING FUND—		
Loans Redemption Fund	61,31,083		As per Appendix No. 28		
	4,31,31,921		In Securities and Cash	...	* 3,70,00,838
	10,44,79,416		CAPITAL FUNDS—		
Deduct—			In Securities :—	Face Value Rate % / Actual cost.	
Revenue Deficits—			4½ per cent. Bombay Improvement Trust Debentures ...	19,00,000 Par 19,00,000	
Deficits upto 31st March 1945	... 1,93,11,685		3 per cent. Bombay Municipal Debentures ...	19,800 ,, 19,800	
Add deficits during 1945-46	... 1,08,447		3½ per cent. Bombay Municipal Debentures ...	3,400 ,, 3,400	
	1,94,20,132		6 per cent. Bombay Improvement Trust Debentures...	39,32,600 ,, 39,32,600	
		8,50,59,284		58,55,800 ,, 58,55,800	
			In Cash and fixed deposits	... 95,57,499	† 1,54,13,299
Total Rs.	... 24,75,85,680		Total Rs.	...	24,75,85,680

* For Face, Book and Market Values of Securities held in the Sinking Funds on 31st March 1946, please see Appendix No. 30.

† Against this, there is a liability to the extent of Rs. 6,14,549 on account of outstanding charges for 1945-46 and previous years payable in the year 1946-47 and of Rs. 55,000 in respect of outstanding Debentures of the loan of Rs. 25 lakhs (1929).

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 26.

IMPROVEMENT SCHEMES.

Block Account showing details of Capital Expenditure upto 31st March 1946.

Particulars.	Total Capital Expenditure upto 31st March 1945.	Expenditure during 1945-46.	Total Capital Expenditure upto 31st March 1946.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT.			
Improvement and Street Schemes—			
Schedule W Lands ...	13,42,296	3,275	13,45,571
Schedule X Lands ...	16,26,471	...	16,26,471
Schedule Z Lands ...	8	...	8
Scheme No.			
1 First Nagpada ...	29,16,099	...	29,16,099
2 Princess Street ...	85,08,865	...	85,08,865
3 Sandhurst Road ...	1,13,79,105	...	1,13,79,105
4 Gamdevi ...	22,88,002	...	22,88,002
5 Dadar-Matunga ...	99,63,563	7,015	99,70,578
6 Sion-Matunga ...	1,06,97,313	1,05,297	1,08,02,610
7 Colaba Reclamation ...	4,78,538	...	4,78,538
8 Mandvi-Koliwada ...	26,52,501	...	26,52,501
13 Souter Street Extension—East-wards ...	68,102	...	68,102
27 Mathew Road ...	14,11,129	...	14,11,129
29 Nowroji Hill ...	85,33,018	...	85,33,018
30 Souter Street Extension—West-wards ...	1,30,512	...	1,30,512
31 Parel ...	91,04,651	...	91,04,651
32 East Agripada ...	50,57,935	...	50,57,935
33 Bhatwadi ...	3,28,433	...	3,28,433
36 Lamington Road ...	2,91,191	...	2,91,191
37 Sydenham Road ...	1,40,32,985	6	1,40,32,991
41 Undria Street ...	5,72,800	...	5,72,800
43 Parel Road Central ...	38,97,348	...	38,97,348
47 Parel Road Northern ...	52,96,525	...	52,96,525
49 Nepean Sea Road—Reclamation ...	3,053	...	3,053
50 Mazagaon Street ...	32,47,701	...	32,47,701
52 Worli Street ...	2,33,26,530	Cr. 15,092	2,33,11,438
53 Foras Road ...	36,82,009	...	36,82,009
54 Kolbhatwadi ...	21,79,254	...	21,79,254
56 Dharavi Street ...	75,02,116	1,157	75,03,273
57 Sewri-Wadala ...	1,97,18,881	2,26,249	1,99,45,130
58 Worli-Extension ...	43,26,526	3,907	43,30,433
59 Sewri-Koliwada ...	5,50,563	...	5,50,563
60 Naigaum Street ...	75,57,867	13,417	75,71,284
61 Fergusson Road ...	15,68,030	...	15,68,030
62 Love Lane ...	16,18,731	...	16,18,731
66 Mahaluxmi ...	4,86,705	...	4,86,705
69 Widening of Byculla Bridge...	7,20,290	...	7,20,290
71 Chaupati Street ...	24,085	...	24,085
Chaupati Reclamation ...	1,889	...	1,889
East Chaupati Estate ...	4,380	...	4,380
72 Tripartite Road ...	2,11,563	11,205	2,22,768
73 Palton Road ...	2,62,344	...	2,62,344
74 Sion Overbridge ...	5,590	15,059	20,649
Lump Provision for Acquisition ...	6,136	...	6,136
Lump Provision for Housing Accommodation to the Poorer Classes ...	133	...	133
76 Lohar Chawl Gully ...	...	472	472
Carried forward ...	17,75,81,766	3,71,967	17,79,53,733

Particulars.	Total Capital Expenditure upto 31st March 1945.	Expenditure during 1945-46.	Total Capital Expenditure upto 31st March 1946.
	Rs,	Rs,	Rs.
Brought over ...	17,75,81,766	3,71,967	17,79,53,733
Police Accommodation Schemes.			
Scheme No.			
14 First Nagpada ...	84,450	...	84,450
16 Wodehouse Road ...	3,22,667	...	3,22,667
17 Duncan Road ...	58,981	...	58,981
18 Shepherd Road ...	36,223	...	36,223
19 Agripada ...	1,79,120	...	1,79,120
23 Connaught Road ...	79,495	...	79,495
24 Princess Street ...	2,65,953	...	2,65,953
25 Gamdevi ...	1,29,407	...	1,29,407
34 Lamington Road ...	4,61,024	...	4,61,024
35 Sandhurst Road West ...	1,46,104	...	1,46,104
39 Sandhurst Road East ...	7,58,893	...	7,58,893
40 Byculla ...	8,28,411	...	8,28,411
44 Maharbaudi ...	2,71,434	...	2,71,434
45 Palton Road ...	5,71,492	...	5,71,492
46 Naigaum ...	5,69,142	...	5,69,142
48 Mahim ...	4,53,032	...	4,53,032
55 Chinchbunder Road ...	4,32,656	...	4,32,656
55A Mazagaon ...	4,53,560	...	4,53,560
63 King's Circle (Matunga) ...	4,82,185	...	4,82,185
67 Naigaum (for Armed Police and Recruits) ...	24,42,031	...	24,42,031
70 Arthur Road ...	1,58,357	...	1,58,357
	91,84,617	...	91,84,617
Mill Company's Chawl Schemes.			
Scheme No.			
42 Spring Mills ...	5,18,990	...	5,18,990
51 Century Mills ...	1,29,980	...	1,29,980
65 David Mills ...	2,96,852	...	2,96,852
	9,45,822	...	9,45,822
Miscellaneous.			
Survey of the Island of Bombay...	1,06,046	...	1,06,046
Administrative Offices, etc.—			
Building on Esplanade Road near Queen's Statue ...	3,21,562	...	3,21,562
Engineer's Office at Matunga ...	1,38,468	...	1,38,468
Central Stores at the back of Frere Fletcher School ...	15,656	...	15,656
Store yard at Agripada, etc. ...	83,801	...	83,801
Workshop for Motor Lorries at Agripada ...	90,368	...	90,368
Tools and Plant ...	559	...	559
Refund of preliminary expenses to Government ...	38,019	...	38,019
Preliminary expenses in connection with the Improvement of slum areas ...	68,816	...	68,816
	8,63,295	...	8,63,295
Discount on Loans ...	14,53,359	...	14,53,359
Expenses in connection with the Loan of Rs. 10 lakhs ...	12,227	...	12,227
	14,65,586	...	14,65,586
Grand Total ...	19,00,41,086	* 3,71,967	19,04,13,053

* This figure includes Rs. 1,01,450 being the share of cost of Management and Establishment chargeable to Capital Account.

J. K. DARUVALA,
Chief Accountant

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 27.

IMPROVEMENT SCHEMES.

Statement showing Capital value of Scheduled Lands as specified in the Schedules W, X, Y and Z annexed to Act XIII of 1933.

Properties.	Area.	Book value.	Total amount.
SCHEDULE "W".	Sq. yds.	Rs.	Rs.
The Flats ...	12,52,834	1,14,191	
The Kennedy Sea Face ...	4,447	...	
(Cooperage Plot resumed by Government)			
The Marine Lines Estate ...	32,825	3,28,250	
(Marine Lines Maidan resumed by Government).			
The Wellington Lines Plot ...	44,038	4,40,380	
The Wodehouse Road Plot ...	41,580	4,15,800	
The Hornby Road Plot ...	41,774	8,35,480	
The Triangular Plot South of Crawford Market ...	7,707	1,54,140	
The Plot North of Municipal Offices ...	6,811	2,04,330	
The Chaupati West Estate ...	1,11,276	6,37,320	
The Chaupati East Estate ...	4,789	47,890	
The Parel Estate ...	30,804	99,000	32,76,781
SCHEDULE "X"			
The Connaught Road Estate ...	13,858	77,237	
The West Agripada Estate ...	2,27,971	6,64,534	
The Central Agripada Estate ...	2,911	10,528	
The East Agripada Estate ...	65,885	6,38,426	
The Lands at Matunga	86,187	90,984	14,81,709
SCHEDULE "Y".			
The Nepean Sea Road Plot ...	2,014		...
The Colaba Reclamation ...	46,580		...
SCHEDULE "Z".			
The Hornby Road Plot ...	3,250		.....
			47,58,490

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. Municipal Commissioner.

Appendix No. 28.

IMPROVEMENT SCHEMES.

SINKING FUND.

Statement showing the actual Investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1946 compared with the amounts which should have accumulated upto that date on the basis of the fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1946.

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Half Yearly Sinking Fund Instalment.	Amount of Sinking Fund which should have accumulated upto 31st March 1946 at Compound Interest.
1	2	3	4	5	6
	Rs.			Rs.	Rs.
4½ per cent. basis.					
5 *per cent.* Debenture Loan ...	40,00,000	10th November 1919 ...	1st November 1957 ... / 1st November 1979 ...	6,696	6,48,908
6 Do. do. ...	(a) 70,00,000	30th April 1920 ...	1st April 1935 ... / 1st April 1980 ...	21,002	7,25,785
4½ Do. do. ...	45,00,000	20th February 1922 ...	20th February 1982 ...	7,533	6,39,349
4½ Do. do. ...	52,00,000	2nd October 1922 ...	2nd October 1982 ...	8,705	6,89,817
4½ Do. do. ...	8,00,000	22nd January 1923 ...	22nd January 1983 ...	1,340	1,06,183
4½ Do. do. ...	82,00,000	Do. ...	Do. ...	13,727	10,87,789
4½ Do. do. ...	30,00,000	14th March 1923 ...	14th March 1983 ...	5,022	3,97,962
4½ Do. do. ...	40,00,000	2nd November 1923 ...	2nd November 1983 ...	6,696	4,94,569
4½ Do. do. ...	20,00,000	2nd January 1924 ...	2nd January 1984 ...	3,348	2,47,284
4½ Do. do. ...	29,00,000	5th March 1924 ...	5th March 1984 ...	4,855	3,58,590
4½ Do. do. ...	20,00,000	1st November 1924 ...	1st November 1984 ...	3,348	2,30,044
4½ Do. do. ...	60,00,000	10th November 1924 ...	10th November 1984 ...	10,044	6,90,138
4½ Do. do.	20,00,000	2nd January 1925 ...	2nd January 1985 ...	3,348	2,30,044
4½ Do. do. ...	20,00,000	2nd October 1925 ...	2nd October 1985 ...	3,348	2,13,555
4½ Do. do. ...	15,00,000	2nd November 1925 ...	2nd November 1985 ...	2,511	1,60,167
4½ Do. do. ...	35,00,000	2nd January 1926 ...	2nd January 1986 ...	5,859	3,73,719
Rs	5,86,00,000				72,93,903
4 per cent. basis.					
4 *per cent.* Rupee Coupon Debenture Loan	50,00,000	1st November 1899 ...	1st November 1959 ...	10,564 (b)	27,10,598
4 Do. Debenture Loan	30,00,000	6th September 1901 ...	6th September 1961 ...	6,280	14,79,682
4 Do. do.	30,00,000	15th July 1902 ...	15th July 1962 ...	6,280	14,10,031
4 Do. do.	60,00,000	20th August 1903 ...	20th August 1963 ...	12,560	26,86,158
4 Do. do.	50,00,000	7th September 1904 ...	7th September 1964 ...	10,493 (c)	21,30,546
4 Do. do. ...	30,00,000	12th September 1905 ...	12th September 1965 ...	6,280	12,16,889
5 Do. do. ...	25,00,000	17th September 1926 ...	16th September 1956 ... / 16th September 1986 ...	5,233	2,93,647
Rs.	2,75,00,000				1,19,27,551
3½ per cent. basis.					
4 *per cent.* Debenture Loan Rs.	25,00,000	4th October 1927 ...	4th April 1961 ... / 4th October 1970 ...	12,695	6,29,240
3 per cent. basis.					
4 *per cent.* Debenture Loan ...	20,00,000	2nd October 1906 ...	2nd October 1966 ...	6,148 (d)	8,98,951
4 Do. do. ...	15,00,000	24th September 1907 ...	24th September 1967 ...	4,610	6,45,523
4 Do. do. ...	30,00,000	8th September 1908 ...	8th September 1968 ...	9,219	12,35,007
4 *per cent.* Sterling Coupon Debenture Loan (£5,66,600) ...	84,99,000	1st July 1909 ...	1st July 1969 ...	25,654	33,60,635
4 Do. do. (£3,33,000) ...	49,95,000	1st July 1910 ...	1st July 1970 ...	15,077	18,87,620
4 *per cent.* Debenture Loan ...	20,00,000	28th August 1912 ...	28th August 1972 ...	7,683	8,56,155
4 Do. do. ...	18,00,000	26th August 1913 ...	26th August 1973 ...	5,532	5,87,550
4 Do. do. ...	0,00,000	4th August 1914 ...	4th August 1974 ...	15,365	15,53,984
4 Do. do. ...	25,00,000	3rd January 1916 ...	3rd January 1976 ...	7,683	7,39,218
3½ Do. do. ...	10,00,000	31st January 1936 ...	14th March 1966 ...	21,019 (e)	2,41,314
Rs.	3,27,94,000				1,2005,967
Grand Total Rs. ...	12,13,94,000			Total Rs.	† 3,18,56,661

	Amount actually invested upto 31st March 1946.				Amount of interest accrued upto 31st March 1946 collected and invested in 1946-47	Total of Columns 5 and 6.
	Amount of Sinking Fund invested upto 31st March 1945.	Sinking Fund Instalments paid in 1945-46	Interest, etc. accumulations invested in 1945-46	Total.		
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Funds ...	3,48,65,804 4 2	5,70,495 0 0	15,64,538 10 0	3,70,00,837 14 2		
Less-withdrawn for repayment of Loans				... *		
				3,70,00,837 14 2		
In Public Securities as detailed in Appendix No. 30 ...				3,70,00,572 14 3		
In Cash with the Imperial Bank of India.				264 15 11		
Total Rs. ...				3,70,00,837 14 2	1,29,641 3 7	3,71,30,479 1 9

(a) Out of Rs. 70 lakhs Loan Debentures for Rs. 4 lakhs held by the public were repaid on 1-4-35 under the option reserved to the Corporation, leaving balance of Rs. 66 lakhs. The amount of half-yearly Sinking Fund instalment has been changed with effect from 1-4-35 from Rs. 12,002 to Rs. 21,002 as under:—

The usual half-yearly S.F. instalment	... Rs. 12,002
Half yearly interest at 4½% on the portion of Rs. 4 lakhs repaid out of S.F. accumulations	... „ 9,000
	Rs. 21,002

(b) 16 instalments of Rs. 10,240 each and the rest at Rs. 10,564.
(c) 5 instalments of Rs. 10,240 each and the rest at Rs. 10,493.
(d) 1 instalment of Rs 6,037 and the rest at Rs. 6,148.
(e) This amount to be invested annually.
* Calculations have been based on one instalment less.
† All Sinking fund Instalments are re-arranged with effect from 1943-44.

J K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix

IMPROVEMENT

Statement showing outstanding Loans of the Bombay Improvement Trust due by the payable for the year 1945-46, the amount paid during the year and the

No.	Particulars of Loans.	Amount raised.	Balance due on 1st April 1945.	Rate of Interest	Amount raised in 1945-46.	Total.
1	2	3	4	5	6	7
	Loans raised from Government.	Rs. a.	Rs. a. p.		Rs. a.	Rs. a. p.
1	Consolidation Loan in respect of Conversion Loan 1935-36, Rs. 35 lakhs Loan, and Rs. 8 lakhs Loan ...	4,17,94,178 1	3,72,61,640 5 0	3.3759 per cent.		3,72,61,640 5 0
2	45 lakhs Loan 1922 ...	45,00,000 0	16,58,989 0 0	4½ Do.		16,58,989 0 0
			28,41,011 0 0	4½ Do.		28,41,011 0 0
3	52 lakhs Loan October 1922 ...	52,00,000 0				
4	8 lakhs Loan 22nd January 1923 ...	8,00,000 0	63,41,011 0 0	5½ Do.		63,41,011 0 0
5	82 lakhs Loan 22nd January 1923 ...	82,00,000 0	1,08,58,989 0 0	4½ Do.		1,08,58,989 0 0
6	30 lakhs Loan 14th March 1923 ...	30,00,000 0				
7	40 lakhs Loan 2nd November 1923 ...	40,00,000 0	34,00,000 0 0	5½ Do.		34,00,000 0 0
8	20 lakhs Loan 2nd January 1924 ...	20,00,000 0	55,00,000 0 0	4½ Do.		55,00,000 0 0
9	29 lakhs Loan 5th March 1924 ...	29,00,000 0				
10	20 lakhs Loan 1st November 1924 ...	20,00,000 0	50,00,000 0 0	5 Do.		50,00,000 0 0
11	60 lakhs Loan 10th November 1924 ...	60,00,000 0	50,00,000 0 0	4½ Do.		50,00,000 0 0
12	20 lakhs Loan 2nd January 1925 ...	20,00,000 0				
13	20 lakhs Loan 2nd October 1925 ...	20,00,000 0	50,00,000 0 0	5½ Do.		50,00,000 0 0
14	15 lakhs Loan 2nd November 1925 ...	15,00,000 0	20,00,000 0 0	4½ Do		20,00,000 0 0
15	35 lakhs Loan 2nd January 1925 ...	35,00,000 0				
	Total loans raised from Government ...	8,93,94,178 1	8,48,61,640 5 0			8,48,61,640 5 0
	Loans raised from the public.					
1	50 lakhs Rupee Coupon Debenture Loan 1899 ...	50,00,000 0	50,00,000 0 0	4 per cent		50,00,000 0 0
2	30 lakhs Loan 1901 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
3	30 lakhs Loan 1902 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
4	60 lakhs Loan 1903 ...	60,00,000 0	60,00,000 0 0	4 Do.		60,00,000 0 0
5	50 lakhs Loan 1904 ...	50,00,000 0	50,00,000 0 0	4 Do.		50,00,000 0 0
6	30 lakhs Loan 1905 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
7	20 lakhs Loan 1906 ...	20,00,000 0	20,00,000 0 0	4 Do.		20,00,000 0 0
8	15 lakhs Loan 1907 ...	15,00,000 0	15,00,000 0 0	4 Do.		15,00,000 0 0
9	30 lakhs Loan 1908 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
10	Sterling Coupon Debenture Loan 1909 (£ 5,66,600) ...	84,99,000 0	84,99,000 0 0	4 Do.		84,99,000 0 0
11	Sterling Coupon Debenture Loan 1910 (£ 3,33,000) ...	49,95,000 0	49,95,000 0 0	4 Do.		49,95,000 0 0
12	25 lakhs Loan 1912 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
13	18 lakhs Loan 1913 ...	18,00,000 0	18,00,000 0 0	4 Do.		18,00,000 0 0
14	50 lakhs Loan 1914 ...	50,00,000 0	50,00,000 0 0	4 Do.		50,00,000 0 0
15	25 lakhs Loan 1916 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
16	40 lakhs Loan 1919 ...	40,00,000 0	40,00,000 0 0	5 Do.		40,00,000 0 0
17	70 lakhs Loan 1920 ...	70,00,000 0	66,00,000 0 0	6 Do.		66,00,000 0 0
18	25 lakhs Loan 1926 ...	25,00,000 0	25,00,000 0 0	5 Do.		25,00,000 0 0
19	25 lakhs Loan 1927 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
20	25 lakhs Loan 1929 ...	25,00,000 0	1,10,000 0 0	5½ Do.		1,10,000 0 0
21	10 lakhs Loan 1935 ...	10,00,000 0	10,00,000 0 0	3½ Do.		10,00,000 0 0
	Total Loans raised from the Public ...	7,62,94,000 0	7,35,04,000 0 0			7,35,04,000 0 0
	Grand Total ...	16,56,88,178 1	15,83,65,640 5 0			15,83,65,640 5 0

J. K. DARUVALA,
Chief Accountant.

No. 29.

SCHEMES.

Municipality, the interest outstanding on 1st April 1945, on the different Loans, the amount balances outstanding on 31st March 1946.

Amount repaid in 1945-46. 8	Balance due on 31st March 1946. 9	Interest outstanding on 1st April 1945. 10	Interest payable in 1945-46. 11	Total interest due. 12	Deduct interest paid during the year. 13	Outstanding balance on 31st March 1946. 14
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,42,734 8 0	3,67,18,905 13 0	...	12,53,373 8 0	12,53,373 8 0	12,53,373 8 0	...
...	14,93,090 0 0	... (a)	78,802 0 0	78,802 0 0	78,802 0 0	...
...	30,06,910 0 0	... (a)	1,27,846 0 0	1,27,846 0 0	1,27,845 8 0	*0 8 0
...	57,06,910 0 0	... (b)	3,48,756 0 0	3,48,756 0 0	3,48,755 10 0	*0 6 0
...	1,14,93,090 0 0	... (b)	4,88,655 0 0	4,88,655 0 0	4,88,654 8 0	*0 8 0
...	31,00,000 0 0	... (c)	1,78,500 0 0	1,78,500 0 0	1,78,500 0 0	...
...	58,00,000 0 0	... (c)	2,47,500 0 0	2,47,500 0 0	2,47,500 0 0	...
...	45,00,000 0 0	... (d)	2,50,000 0 0	2,50,000 0 0	2,50,000 0 0	...
...	55,00,000 0 0	... (d)	2,25,000 0 0	2,25,000 0 0	2,25,000 0 0	...
...	47,00,000 0 0	... (e)	2,62,500 0 0	2,62,500 0 0	2,62,500 0 0	...
...	23,00,000 0 0	... (e)	90,000 0 0	90,000 0 0	90,000 0 0	...
5,42,734 8 0	8,43,18,905 13 0	...	35,50,932 8 0	35,50,932 8 0	35,50,931 2 0	*1 6 0
...	50,00,000 0 0	4,368 15 4	2,00,000 0 0	2,04,368 15 4	1,99,630 0 0	4,738 15 4
...	30,00,000 0 0	1,232 9 10	1,20,000 0 0	1,21,232 9 10	1,18,175 13 0	3,056 12 10
	30,00,000 0 0	4,797 10 6	1,20,000 0 0	1,24,797 10 6	1,17,961 7 0	6,836 3 6
	60,00,000 0 0	9,566 3 4	2,40,000 0 0	2,49,566 3 4	2,35,643 13 0	13,922 6 4
	50,00,000 0 0	14,319 3 6	2,00,000 0 0	2,14,319 3 6	1,97,893 10 0	16,425 9 6
	30,00,000 0 0	3,007 6 4	1,20,000 0 0	1,23,007 6 4	1,18,675 0 0	4,332 6 4
	20,00,000 0 0	2,613 4 2	80,000 0 0	82,613 4 2	79,118 2 0	3,495 2 2
...	15,00,000 0 0	2,812 3 0	60,000 0 0	62,812 3 0	60,094 1 0	2,718 2 0
	30,00,000 0 0	4,696 14 0	1,20,000 0 0	1,24,696 14 0	1,19,568 15 0	5,127 15 0
	84,99,000 0 0	13,260 0 0	3,06,442 0 0	3,19,702 0 0	3,14,792 2 8	1,180 0 0 *3,729 13 4
...	49,95,000 0 0	...	1,80,102 0 0	1,80,102 0 0	1,77,688 14 0	*2,193 2 0 220 0 0
..	25,00,000 0 0	3,358 3 8	1,00,000 0 0	1,03,358 3 8	99,884 11 0	3,473 8 8
...	18,00,000 0 0	6,218 6 0	72,000 0 0	78,218 6 0	74,696 9 0	3,521 13 0
...	50,00,000 0 0	3,402 6 0	2,00,000 0 0	2,03,402 6 0	1,92,573 10 0	10,828 12 0
...	25,00,000 0 0	...	1,00,000 0 0	1,00,000 0 0	1,00,000 0 0	...
...	40,00,000 0 0	3,604 11 0	2,00,000 0 0	2,03,604 11 0	2,03,253 15 0	350 12 0
...	66,00,000 0 0	...	3,96,000 0 0	3,96,000 0 0	3,96,000 0 0	...
...	25,00,000 0 0	134 2 0	1,25,000 0 0	1,25,134 2 0	1,24,209 2 0	925 0 0
...	25,00,000 0 0	2,830 0 0	1,00,000 0 0	1,02,830 0 0	98,520 0 0	4,310 0 0
55,000 0 0	A 55,000 0 0	4,216 10 8	...	4,216 10 8	1,145 13 4	3,070 13 4
...	10,00,000 0 0	52,500 0 0	35,000 0 0	87,500 0 0	70,000 0 0	17,500 0 0
55,000 0 0	7,34,49,000 0 0	1,36,938 13 4	30,74,544 0 0	32,11,482 13 4	30,99,525 10 0	1,06,034 4 0 *5,922 15 4
5,97,734 8 0	15,77,67,905 13 0	1,36,938 13 4	66,25,476 8 0	67,62,415 5 4	66,50,456 12 0	1,06,034 4 0 *5,924 5 4

A—Debentures in respect of this Loan have remained unpaid owing to their not having surrendered for the re-payment upto 31st March 1946. The debentures do not carry interest from and after the due date and will be paid when surrendered for re-payment by the holders out of the Capital Fund Investment.

* To be treated as savings.

	Amount of loan outstanding on 1st April 1945.	Amount of debentures held by Govt. on 1st April 1945.	Amount of debentures re-purchased during 1945-46.	Amount of debentures held by Govt. on 31st March 1946.	Amount of debentures held by the Corporation on 31st March 1946.
	Rs.	Rs.	Rs.	Rs.	Rs.
(a)	45,00,000	16,58,989	1,65,899	14,93,090	30,06,910
(b)	1,72,00,000	63,41,011	6,34,101	57,06,910	1,14,93,090
(c)	89,00,000	34,00,000	3,00,000	31,00,000	58,00,000
(d)	1,00,00,000	50,00,000	5,00,000	45,00,000	55,00,000
(e)	70,00,000	50,00,000	3,00,000	47,00,000	23,00,000
Total ...	4,76,00,000	2,14,00,000	19,00,000	1,95,00,000	2,81,00,000

N. V. MODAK,
Ag. *Municipal Commissioner.*

Appendix No. 30.

IMPROVEMENT SCHEMES.

Comparison of Face, Purchase and Market Values at 31st March 1946 of the different Securities held in the Sinking Fund (vide para 32 of the Chief Accountant's Report).

Particulars of Securities.	Face Value.	Book Value.	Market rate per cent.	Value at Market rates (B. I. Trust and Municipal Debentures being valued at par)
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3½ per cent. Government Loan 1947-50 ...	3,29,600	3,21,390 0 0	103 6 0	3,40,724 0 0
4 per cent. Government Loan 1960-70 ...	7,23,500	7,00,156 11 0	114 8 0	8,28,407 8 0
3 per cent. Government Loan 1963-65	4,02,300	3,94,254 0 0	101 15 0	4,10,094 9 0
3½ per cent Government Paper ...	71,600	70,871 11 3	103 2 0	73,837 8 0
4 per cent. Bombay Port Trust Debentures ...	3,17,000	2,84,726 14 0	113 12 0	3,60,587 8 0
4 per cent. Bombay Municipal Debentures ...	500	486 4 0	Par	500 0 0
4 per cent. Bombay Improvement Trust Debentures ...	29,92,800	27,74,952 12 0	,,	29,92,800 0 0
4½ per cent. Bombay Improvement Trust Debentures	2,62,00,000	2,62,00,000 0 0	,,	2,62,00,000 0 0
5 per cent. Bombay Improvement Trust Debentures ...	9,81,500	9,05,409 10 0	,,	9,81,500 0 0
6 per cent. Bombay Improvement Trust Debentures ...	24,37,700	24,54,425 0 0	,,	24,37,700 0 0
3½ per cent. Bombay Municipal Debentures ...	2,23,300	2,23,300 0 0	,,	2,23,300 0 0
3 per cent. Bombay Municipal Debentures ...	13,08,600	13,08,600 0 0	,,	13,08,600 0 0
4 per cent. B. I. Trust Sterling Debentures ...	£90,800	13,62,000 0 0	Par at 1/5 s d 31/32	12,12,772 2 9
Total	Rs. 3,59,88,400 £ 90,800	3,70,00,572 14 3		3,73,70,823 3 9

J. K. DARUVALA,
Chief Accountant.

N. V. MODAK,
Ag. *Municipal Commissioner.*

ASSESSMENT & COLLECTION.

Subject : *Administration Report for the year 1945-46.*

I was in charge of the Department throughout the year.

Rates of Taxation.—The rates of taxation on lands and buildings continued to be the same as in the preceding year save in the case of the General Tax, which was increased by one per cent. The rates of taxation thus stood as follows:—General Tax (including Fire Tax) 12½ per cent., Water Tax, 3¾ per cent., and Halalkhore tax 3 per cent. The rates charged for the supply of water by meter measurement also continued to be the same as in the previous year, except with regard to the supply to (1) Cotton, Dyeing and Bleaching Mills, (2) the Race Course and (3) Properties owned by the Trustees for the Port of Bombay, for which the rates were enhanced from Rs. 1-2-0 to Rs. 1-8-0, Rs. 1-4-0 to Rs. 2-0-0 and Rs. 1-2-0 to Rs. 2-0-0 respectively per 1,000 gallons. Thus the rates for water by meter measurement varied during the year from As. 10 to Rs. 2-0-0 according to the nature of properties, the minimum rate in force being charged to Government properties. The Textile mills have disputed the increase and have filed appeals in the Small Causes Court and also given notices under Section 527 of the Municipal Act of proposed suits in the High Court challenging the validity of the levy on the ground that it is in excess of requirements. One of the mills *viz.*, the Colaba Land and Mill Co. Ltd., has already filed a test suit No. 620 of 1945 in the High Court. The appeals in the Small Causes Court have been adjourned *sine die* pending disposal of the test suit by the High Court.

Properties.—The total number of properties on 31st March 1946 was 50,571 as shown in the Statement "A". Out of these properties, 41,492 were assessed to General Tax, 1,620 were exempted from it under Section 143(1)(*a*) of the Municipal Act, 2,998 were not taxed being small plots of waste lands, etc., and 3,378 were Municipal plots. The aforesaid waste lands do not include vacant lands belonging to Government, which are not assessable unless beneficially occupied, and lands belonging to the Port Trust and the Railways, which are not separately assessed, being included in the lump assessment. The number of Municipal properties exempted from General Tax under Section 143(*a*) and (*b*) of the Municipal Act during the year was 1,083.

Properties newly erected, demolished and enlarged in 1945-46 numbered 1,241, 214 and 967 respectively, the corresponding figures for the year 1944-45 being 1,198, 858 and 1,043. The number of single room tenements, double room tenements and flats or blocks in the City on 31st March 1946 was 2,36,901, 52,069 and 40,540 respectively.

Rateable Value.—The rateable value of properties on 31st March 1946 was Rs. 16,71,69,555 against Rs. 16,00,98,370 on 31st March 1945. It works out to Rs. 72-11-0 per head of population against Rs. 69-10-0 in the preceding year. In 235 cases the rateable value was increased by more than Rs. 2,000 net per annum.

Vehicles and Animals.—Particulars of vehicles and animals taxed during the year (exclusive of those taxed under the Public Conveyance Act) are as under :—

		Number.
Four-wheeled vehicles drawn by animals	...	326
Two-wheeled vehicles drawn by animals	...	830
Motor cars (including 1,203 taxis)	...	10,223
Motor lorries	...	3,105
Horses (including those in commission stables)	...	1,104
Motor cycles	...	503
Motor cycles with side-cars	...	116
Hand carts	...	8,454
Ponies	...	15
Bullocks	...	1,807
Vehicles and animals taxed under the Public Conveyance Act are as under :—		
Hack victorias (including 2 horses for each)	...	2,265
Labour carts (wth a pair of bullocks)	...	1,293
Hand Carts	...	17

Under Section 185 of the Municipal Act, wheel tax in respect of hack-victorias, labour carts (without rubber tyres) and hand-carts (without rubber tyres) ordinarily leviable at Rs. 96, Rs. 40 and Rs. 8 per annum respectively was compounded for the Calendar year 1946 at Rs. 90, Rs. 35 and Rs. 6 per annum respectively (as against Rs. 75, Rs. 30 and Rs. 6 respectively for the Calendar year 1945), *vide* Standing Committee Resolution No. 1360, dated the 12th December 1945, for the reason that these vehicles were required to pay the tax for the whole year in advance (*vide* Section 198 of the Municipal Act) as against for each quarter separately as in the case of other vehicles. The concession granted in the case of hack-victorias and labour carts amounts in effect to a rebate of one anna in a rupee on the lines of similar rebate granted by Government in the case of tax levied by them on motor vehicles (under the Bombay Motor Vehicles Tax Act, 1935).

During the year, the rate of tax leviable on horses kept in commission stable (there was only one commission stable during the year) was compounded at Rs. 3 per horse per annum (as against Rs. 2 per horse during 1944-45) under Section 185 of the Municipal Act, *vide* Standing Committee Resolution No. 433, dated the 19th June 1946.

Bills.—The total number of bills in respect of property taxes and the wheel tax issued during the year was 87,552 and 90,528 respectively, of which 86,166 and 85,947 respectively were for 1945-46 and 1,386 and 4,581 respectively for previous years.

Total demand, Collections and outstandings of all taxes for the year 1945-46 as compared with the two previous years.

(Annas and pies are omitted. Amounts above annas 8 are taken as full Rupees and those below annas 8 are omitted).

Particulars.	Total Gross demand.	Total Net demand (after allowing drawback and amending and cancelling certain bills).	Collections during 1945-46.	Percentage.	Amount outstanding on 31st March 1946.	Percentage.
(1) Property Taxes ...	4,08,33,042	4,03,81,881	3,61,99,343	89.64	41,82,538	10.36
(2) Wheel Tax ...	19,26,437	18,29,026	15,74,300	86.07	2,54,726	13.93
1945-46 ...	4,27,59,479	4,22,10,907	3,77,73,643	89.49	44,37,264	10.51
1944-45 ...	3,78,54,238	3,71,63,043	3,36,68,044	90.6	34,94,999	9.4
1943-44 ...	3,75,62,328	3,57,44,529	3,29,09,169	92.1	28,35,360	7.9

The percentage of recovery to the total demand during the year under report was 89.49.

Particulars of outstandings.—The outstandings which, at the end of the year under report, amounted to Rs. 44,37,264-5-3 stood reduced to Rs. 27,75,700-8-9 on 30th June 1946, an amount of Rs. 16,15,654-15-6 having been collected and bills for Rs. 45,908-13-0 having been recalled and cancelled. Further, if an amount of about Rs. 70,000 held in deposit pending settlement of disputes and of Rs. 7,262 outstanding against other Municipal Departments is taken into account and an amount of Rs. 3,42,229-12-0 shown as outstanding against Government in the following statement is ignored, being disputed by Government on the ground that it is in respect of Military and Police hospitals which ought to be exempted like other hospitals run by Government for the public, which have been exempted as per decision of the High Court in Suit No. 182 of 1941, the percentage of outstandings will stand reduced from 10.51 to 5.58.

Particulars.		Amount outstanding on 31st March 1946.	Amount recovered upto 30th June 1946.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) (*a*) Government contribution (sum in lieu of general tax from 1934 to 1945-46 under Section 144) ...	3,42,229 12 0		
(*b*) Government (Property Taxes) ...	1,22,929 5 0		
		4,65,159 1 0	94,798 5 0
(2) Bombay Port Trust	... ...	96,166 3 0	63,596 3 0
(3) Bombay Municipal Corporation (Improvements) ...	... ...	35,181 10 0	14,024 13 0
(4) G. I. P. Railway	... ...	1,27,384 7 0	61,255 4 0
(5) B. B. & C. I. Railway	... ...	1,83,201 7 0	18,275 7 0
(6) Mills	... ...	12,302 10 0	8,599 14 0
(7) Other rate payers	... ...	35,17,868 15 3	13,55,105 1 6
	Total ...	44,37,264 5 3	16,15,654 15 6

As regards I(*a*), the amount outstanding represents the sum in lieu of General Tax payable by Government in respect of Police and Military Hospitals. As already stated, this claim is disputed by Government and until it is established in Court it can only be regarded as a book entry. As regards I(*b*), bills amounting to Rs. 2,050-14-0 have since been recalled and payment of the balance of Rs. 26,080-2-0 is expected to be received shortly. As regards (2), bills amounting to Rs. 21,182-4-0 have since been recalled and payment of the balance of Rs. 11,387-12-0 is expected shortly. As regards (3), out of the balance of Rs. 21,156-13-0, bills amounting to about Rs. 12,000 were issued in March 1946 and they will be adjusted in due course by the Estate Agent and Land Manager. As regards (4), payment of the balance of Rs. 66,129-3-0 is expected shortly. As regards (5), bills amounting to Rs. 9,104-6-0 have since been recalled and payment of the balance of Rs. 1,55,821-10-0 for water charges is expected after the bills are verified by the Railway Administration. As regards (6), out of the balance of Rs. 3,702-12-0 a sum of Rs. 3,642 is under dispute, which is being settled. As regards (7), out of Rs. 35,17,868-15-3 shown as outstanding against private ratepayers, a sum of about Rs. 1,45,317-3-0 is in respect of suits filed or which are being filed, and about Rs. 9,348-15-0 are payable by the Court Receiver and Official Assignee. A sum of about Rs. 2,75,566 is due in respect of the Race Course from the Royal Western India Turf Club, which has disputed the rateable value of its premises. The dispute is the subject matter of an appeal now pending in the Small Causes Court. The Club's main contention is that allowance should be made on account of the Excess Profits Tax. The Club has, in the meanwhile, been requested to make payments "on account", subject to such adjustments as may be found necessary after the appeal is disposed of by the Court. A sum of Rs. 8,23,630-15-0 is due from the Garrison Engineer (Hirings) and other officers of the Government of India in respect of buildings and lands requisitioned and structures erected by Government for emergency purposes on land leased and occupied by the Military. These officers have disputed the payment on the ground that under Section 154 of the Government of India Act properties vesting in the Crown for the purposes of the Central Government after 1st April 1937 are not liable to be taxed in the absence of any Central legislation authorising such levy. A suggestion has already been made to refer the dispute to the High Court by means of a stated case. No reply has, however, been received to this suggestion. Meanwhile, the Government of India have been moved through the Government of Bombay to undertake legislation to clarify the position and to enable local bodies to levy taxation on properties vested in the Central Government after 1st April 1937, and pending such legislation to advise their Officers in Bombay to waive their objection to the payment of Municipal taxes. A sum of about Rs. 70,000 is held in deposit pending settlement of disputes and a sum of Rs. 7,262 is outstanding against other Municipal Departments. Further, as a result of additions and alterations carried out to several properties in the latter part of the year, amended bills to the extent of about Rs. 8,36,553 were issued in the last month of the year *viz.*, March, and for want of time, they could not be recovered before the close of the year. These facts tended to inflate the outstandings. The outstandings against the private ratepayers within the control of the staff at the end of the year were about Rs.13,50,191 against the demand of about Rs. 2,87,08,928 made against them, which comes to only 4.7 per cent. This percentage stands reduced to 3.2 if the total demand *viz.*, Rs. 4,22,10,907 were taken into consideration, as against 4.08 and 2.87 respectively for the previous year.

Miscellaneous Receipts.—Miscellaneous receipts realised from notices of demand, distress warrants, battaki fees, inspection fees and other items amount to Rs. 9,502-10-6 against Rs. 10,496-13-6 in the preceding year. The number of notices of demand issued and served and distress warrants issued and executed during the year was 6,514, 4,145, 3,654 and 74 respectively. In a large number of cases, the mere showing of the distress warrant proves sufficient and is not, therefore, necessarily followed by execution.

Meter hire.—Receipts from meter hire amounted to Rs. 90,279-2-0 against Rs. 65,826-12-0 for 1944-45, and Rs. 26,944-10-0 remained to be collected at the close of the year.

Exemptions.—The amount of full exemption allowed in respect of general tax on properties entitled to such exemption under Sections 143(1-*a*) and (1-*b*) and the amount of partial exemption under Sections 144(3) and 145(3) were equivalent to Rs. 12,55,777-11-0 against Rs. 11,45,675-13-0 during 1944-45. The increase is partly due to increase in General Tax by 1 per cent and partly to the increase in the rateable value of these properties.

Drawback and Refund.—The following statements show the particulars of drawback and refund claims dealt with during the year and the preceding two years:—

DRAWBACK.

Year.	No. of claims received.	No. of claims admitted.	Percentage.	No. of claims rejected.	Percentage.	Amount of drawback allowed.
1945-46 ...	85	8	9.4	77	90.6	667 9 0
1944-45 ...	361	34	9.4	327	90.6	6,255 13 0
1943-44 ...	6,938	2,616	37.7	4,322	62.3	1,67,928 10 0

REFUND.

Year.	No. of claims received.	No. of claims admitted.	Percentage.	No. of claims rejected.	Percentage.	Amount.
						Rs. a. p.
1945-46 ...	1,941	1,485	76.51	456	23.49	83,637 4 0
1944-45 ...	1,452	1,036	71.35	416	28.65	1,05,856 0 0
1943-44 ...	4,448	3,006	67.5	1,442	32.5	4,00,422 6 0

Complaints and appeals against valuations.—There were 1,486 complaints under Section 167 of the Municipal Act, against assessments amounting to Rs. 1,03,24,351 net fixed during the currency of the year, and 2,212 complaints under Section 163 against original assessments amounting to Rs. 1,03,52,213. On investigation of the complaints, the assessments were reduced to Rs. 92,86,343 and Rs. 98,68,875 respectively, the reduction amounting to Rs. 10,38,008 and Rs. 4,83,338, giving a percentage of 10.05 and 4.67 respectively.

There were 58 appeals against rateable values under Section 162(2) of the Municipal Act. Of these, 33 appeals were settled out of Court, 9 were dismissed, 8 were decided partly in favour of the Municipality and partly in favour of the appellants, 7 were withdrawn and 1 is still pending.

During the year, the principle of assessing cinema theatres on "Capacity basis" was well established The Regal Cinema along with others was assessed on this basis. The proprietors of the Regal Theatre, Messrs. Globe Theatres, Ltd., challenged this basis and went in appeal. The appeal was dismissed by the Chief Judge of the Small Causes Court. The Company moved the High Court to issue a writ of Certiorari to quash the order of the Chief Judge. In dismissing the petition His Lordship (The Hon'ble Justice Sir H. J. Kania) observed that the method of assessment adopted by the Municipality *viz.*, the seating capacity was a recognised method.

Suits.—11 suits were filed against ratepayers for recovery of taxes (as against 12 during 1944-45), out of which in 7 cases decrees were obtained, 1 was compromised and 3 cases are still pending.

Riot Tax.—The total amount of the riot tax collected upto the close of the year in respect of the various riots referred to in statement "D" was Rs. 38,12,247-4-6, out of which Rs. 1,706-5-0 were collected during the year under report.

The Urban Immoveable Property Tax.—The rates of taxation continued to be the same as in the preceding year (*viz.*, 7 per cent in the case of buildings and lands, the rateable values of which were above Rs. 2,000 in each case and 3½ per cent in the case of buildings and lands the rateable values of which were Rs. 2,000 and below but not less than Rs. 500 in each case). Properties having value of less than Rs. 500 per annum continued to enjoy exemption. The net demand in respect of the tax was Rs. 1,02,02,621-5-0, collection Rs. 91,52,530-15-0 refund Rs. 29,799-3-0 and drawback Rs. 360-10-0. The collection of the Urban Immovable Property Tax during the year amounted to about 89.7 per cent of the demand as against 89.94 per cent in the preceding year. The increase in the outstandings was due to the Garrison Engineer and certain other Central Government Officers withholding payment on the ground that lands and buildings vesting in the Central Government (including those requisitioned by them, after 1st April 1937 are not liable to any local tax by virtue of the provisions of Section 154 of the Government of India Act.

House numbering.—During the year, bills in respect of house numbering plates amounting to Rs. 8-12-0 were recovered and bills amounting to Rs. 17-8-0 remained to be collected at the close of the year.

General Remarks.—The Railway Administrations, having disputed our mode of assessment of their properties on "profits basis", approached the Government of India to appoint an Arbitrator under Section 135 of the Indian Railways Act. The Government of Bombay (under instructions from the Government of India) by their memo No. 1888/33-A of 24th July 1944 appointed the Hon'ble Mr. Justice Chagla as Arbitrator. He held two hearings on 18th July 1945 and 23rd July 1945, whereafter the following arrangement was arrived at:—

> "Both parties agree that the rateable value of the two Railway undertakings shall be ascertained on the cumulo profits basis, on the principles of the English Railways (Valuation for Rating) Act 1930 so far as they are applicable to India, except as to premises occupied as dwelling houses, hotels or places of public refreshment or premises so let out as to be capable of separate assessment.
>
> For ascertaining rateable value of the whole undertaking as aforesaid the Municipality abandons the Contractor's basis and the Railway Administrations abandon the Service basis.
>
> The Railway Administrations to bring in statements similar to those put forward before the late Sir P. R. Rau for the five years beginning with 1st April 1938 and if the Municipality requires inspection with regard to any of the items in such statements, the Railway Administrations to give inspection of the relevant entries and the books on being requested to do so by the Municipality on reasonable notice."

According to this arrangement, the Railway Authorities were to submit statements on the lines they had submitted to the late Sir Raghavendra Rau, who had adjudicated in a previous dispute in the year 1939-40. The statements were, however, not received upto the close of the year.

Revision of assessment of vacant lands in the City was continued and the values of about 300 plots in F and G Wards were revised. The work of revising the assessment of the remaining vacant lands is in progress.

The rateable values of Schools, Dharamashalas, Caste-dining or Marriage Halls, Temples, Mosques, Agiaries, Churches and such other properties were reviewed and revised where necessary.

Exemption from payment of tax allowed in 41 cases was discontinued as the circumstances under which it was given had either changed or there was no longer any justification for such exemption.

A large number of bullock and handcarts, which had escaped taxation, were rounded up and taxed, as a result of which wheel tax amounting to Rs. 62,405 was collected during the year as against Rs. 58,845 collected during the year 1944-45.

Recovery of the tax on Race horses made through the Royal Western India Turf Club yielded Rs. 11,978-3-0 (representing a charge on 911 horses) as against Rs. 11,062 (representing a charge on 835 horses) in the preceding year.

Motor Inspectors, who were hitherto attached to the Indoor establishment of the Motor Branch, were transferred to the Outdoor establishment with a view to exercising more effective control over vehicles remaining untaxed (*vide* Standing Committee Resolution No. 239, dated the 31st May 1945). This change brought about a good result in that a large number of disputed cases were settled and in many cases recoveries were made from parties from whom recovery was considered by the Ward staff to be not practicable.

There were no occasions during the year on which the provisions of the Bombay Municipal Servants Act had to be brought into effect.

Both the outdoor and Indoor staff worked with appreciable zeal, energy and devotion.

L. S. KAGAL,
Assessor & Collector.

STATEMENT "A"

Classification of properties according to user.

Serial No.	Particulars.	Total No.
1	Buildings for residential purposes ...	30,200
2	Buildings for business purposes ...	3,102
3	Mills (Textile, oil etc.) ...	133
4	Factories ...	752
5	Petrol pumps and service stations ...	105
6	Stables ...	209
7	Garages (separately assessed) ...	907
8	Godowns ...	1,287
9	Docks ...	9
10	Religious properties (Temples, Mosques, etc.) ...	920
11	Charitable properties (Dharmashala etc.) ...	304
12	Educational Institutions ...	258
13	Gymnasiums, play grounds, etc. ...	172
14	Cinema Theatres Studios, and Dramatical Theatres, etc. ...	71
15	Wells, Tanks, Urinals, etc. ...	648
16	Markets ...	43
17	Quarries ...	5
18	Salt Pans ...	79
19	Hospitals and Asylums ...	52
20	Lands ...	4,010
21	Properties and lands belonging to Government, Railways and Port Trust, etc. ...	7,305
	Total ...	50,571

STATEMENT "B"

Rateable value with the gross return of the Property taxes.

(In lakhs of rupees)

Year.	Net rateable value.	General Tax.		Water tax including water charges by meter measurement		Halalkhor Tax.		Total of taxes.
		Rate.	Return.	Rate.	Return.	Rate.	Return.	
		Percent.		Percent.		Percent.		
1941-42	1427.66	11½	154.25	3¾	86.84	3	38.56	279.65
1942-43	1463.63	11½	158.32	3¾	92.65	3	39.63	290.60
1943-44	1593.54	11½	171.90	3¾	102.87	3	43.27	318.04
1944-45	1600.98	11½	172.64	3¾	111.43	3	43.67	327.74
1945-46	1671.69	12½	196.37	3¾	126.32	3	47.27	369.96

STATEMENT "C"

Growth of Assessment during the past five year.

(In lakhs of Rupees)

Year.	Original Assessment Rateable Value, as fixed on 20th December.	Assessment after disposal of complaints & accounting for T.W.Rs. from December to February.	Amount of subsequent reduction during the year by demolitions and on complaints.	Subsequent enhancement New buildings, etc., enlargement and other assessment.	Final Assessment Rateable Value.	Increase Final difference over preceding year's assessment.	Classification of Rateable Value.		
							Chargeable with General Tax.	Exempted from General Tax under Section 143(1)(a)&(b)&c.	For which no bills for General Tax are issued.
1941-42 ...	1415.86	1411.14	13.96	30.48	1427.66	13.05	1341.33	86.26	.07
1942-43 ...	1431.99	1442.65	11.61	32.59	1463.63	35.97	1376.77	86.80	.06
1943-44 ...	1461.70	1531.39	27.77	89.92	1593.54	129.91	1494.83	98.22	.49
1944-45 ...	1563.80	1564.98	34.20	70.19	1600.98	7.44	1501.26	99.62	.10
1945-46 ...	1604.96	1631.33	57.51	17.15	1671.69	70.71	1570.97	100.46	.26

STATEMENT "D"

Statement showing particulars of different Riot taxes.

Particulars.	Amount awarded.	Amount collected upto 31st March 1946.	Difference.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Riot Tax No. V.—			
Communal Riot of 1929 ...	7,54,710 0 0	6,93,275 12 0	−61,434 4 0
Riot Tax No. VI.—			
Bhendy Bazar Riot of 1930 ...	10,877 0 0	8,098 6 0	−2,778 10 0
Riot Tax No. VII.—			
Kalbadevi Riot of 1930 ...	10,000 0 0	8,443 8 0	−1,556 8 0
Riot Tax No. VIII.—			
Mogal Mahomedan Riot of 1931 ...	11,232 0 0	11,169 10 0	−62 6 0
Riot Tax No. X.—			
Communal Riot of 1932 ...	20,45,761 0 0	19,90,030 4 4	−55,730 11 8
Riot Tax No. XI.—			
Northbrook Garden Riot of 1933 ...	17,000 0 0	16,814 15 8	−185 0 4
Roit Tax No. XII.—			
Communal Riot of 1936 ...	5,63,442 8 0	5,49,647 3 6	−13,795 4 6
Riot Tax No. XIII.—			
Communal Riot of 1937 ...	55,610 0 0	54,864 11 3	−745 4 9
Riot Tax No. XIV.—			
Communal Riot of 1938 ...	66,000 0 0	66,789 8 9	+789 8 9
Riot Tax No. XV.—			
Communal Riot of 1941 ...	4,00,358 0 0	4,13,113 5 0	+12,755 5 0
Total Rs. ...	39,34,990 8 0	38,12,247 4 6	−1,22,743 3 6

ELECTION AND TOWN DUTY.

TOWN DUTY SECTION

"Subject : *Administration Report for the year 1945-46.*'

I was in charge of the Department during the year 1945-46.

2. The rates of town duties during the year continued to be the same as in the previous year, *i.e.*, at the maximum rates mentioned in Schedule 'H'.

3. The gross realizations on account of town duties, refunds in accordance with the provisions of Section 195 of the Municipal Act, and the net receipts are shown in Appendix 'A'. For the sake of comparison, the gross collections and refunds during the year and those in the preceding year are given below :—

		1944-45.	1945-46.
		Rs.	Rs.
Gross Collections	...	24,92,152	26,89,014
Refunds	...	4,86,519	4,67,776
Net Revenue	...	20,05,633	22,21,238

4. There was a considerable increase in the receipts from Grain, Wines and Spirits and Ghee. The receipts from Timber also showed an increase of Rs. 64,000 over the previous year and nearly two lakhs rupees over the year 1942-43, mainly due to the departmental valuation of Timber.

5. The total number of claims for refund received during the year was 5527 and the amount refunded was 4,67,776 against 5667 claims and Rs. 4,86,519 refunded in the previous year.

6. During the year 2,91,503 packages of sugar, jaggery and molasses were stamped with Municipal marks and 4772 packages of ghee and ghee substitutes were sealed against 4,06,922 and 3009 packages respectively in the previous year.

7. The fees for stamping sugar bags and the sealing of ghee tins and cases amounted to Rs. 16,733 against Rs. 21,149 in the previous year.

8. The town duties collected by this Department on goods coming into the City along Mahim, Sion and Chembur Causeways amounted to Rs. 2,50,788 against Rs. 2,81,066 in the previous year.

9. The proposal of the Corporation to amend Schedule 'H' so as to enable them to levy town duties on certain additional articles is still pending with Government awaiting consideration by the legislature. Another proposal to enhance the duties on existing articles is under consideration of the Law Revenue and General Purposes Committee.

ELECTION SECTION

In accordance with the provisions of Section 19 of the Municipal Act, the Municipal Election Roll was revised and published on 20th December 1945 as required by Section 20. The total number of Voters enrolled was 3,33,863.

2. The Roll of Delegates as contemplated by Section 21-A was prepared and published on due date. In all 10 Unions responded to the letters addressed to the Unions for electing delegates. The Rolls published contains 241 names of delegates.

3. During the year seven casual vacancies in the office of Councillors from the General Wards and one vacancy in the office of a Councillor elected by the Chamber of Commerce occurred. The vacancies were filled up as shown below :—

Serial No.	Ward No.	Vacancy.	Name of the Candidate returned.
1	Chamber of Commerce.	Mr. H. Chamberlain ...	Mr. C. B. Cockaine.
2	6	Dr. J. V. Vora, L.M. & S., J.P. ...	Mr. Bhanushanker M. Yagnik.
3	6	Mr. Ratilal M. Gandhi ...	Mr. Nathalal D. Parekh.
4	8	Mr. Minocheher R. Masani, B.A., LL.B., Bar-at-Law.	Mr. B. A. Dalal, B.A., LL.B.
5	10	The Hon'ble Raja Bahadur Govindlal Shivlal Motilal, J.P.	Mr. Shivaji Damodar Dongre.
6	11	Mr. S. C. Joshi, M.A., LL.B. ...	Mr. Savlaram Gundaji Songaonkar.
7	14	Mr. B. G. Parelkar ...	Mr. V. B. Korgaonkar.
8	15	Mr. Keshao Ganesh Tambe, L.C.E. ...	Mr. S. B. Mahadeshwar.

4. There were nine cases of impersonation in the By-Election of Ward No. 14. In most of the cases the accused were fined Rs. 50 each. Two impersonation cases filed in the By-Election for Ward No. 15 are yet to be heard.

5. *Adult Franchise.*—Bombay Act No. I of 1946 has revised all Sections of the Municipal Act pertaining to Elections and has divided the City into 34 Wards for the General Elections to be held in 1947 on the basis of Adult Franchise. Preliminaries therefor have commenced in this Department from 1st February 1946, and the work of collecting information about Voters' names is being done throughout the City by about 250 Enumerators under 7 Supervisors in different Wards. Indoor staff for office work is accommodated at Kamani Chambers in Fort area.

6. During the year, the expenditure on the revision of the Election Roll, etc., was Rs. 37,980. The printing of the Addenda and Corrigenda cost Rs. 5,621-1-0 and the expenditure for holding the By-Elections amounted to about Rs. 21,000.

K. R. KELKAR,
Election and Town Duty Officer.

APPENDIX 'A'

Statement showing the Collections, Refunds and Net Revenue from Town Duties for the years 1944-45 and 1945-46.

	Collections.				Refunds.				Net Revenue.			
	1944-45.	1945-46.	Increase in 1945-46.	Decrease in 1945-46.	1944-45.	1945-46.	Increase in 1945-46.	Decrease in 1945-46.	1944-45.	1945-46.	Increase in 1945-46.	Decrease in 1945-46.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Grain at 8 pies per maund.	9,11,286	10,18,597	1,07,311	...	2,49,549	2,48,965		584	6,51,984	7,67,403	1,15,419	
Flour at 6 pies per maund.	1,315	6,322	5,007	....	11,068	8,551	...	2,517				
Sugar at 8 annas per cwt.	8,73,896	7,99,709	...	74,187	2,19,458	2,00,545	...	18,913	6,54,438	5,99,164	...	55,274
Wines and Spirits at 4 anns per Imperial Gallon.	1,72,415	2,42,490	70,075	....	1,351	6,422	5,071	...	1,71,064	2,36,068	65,004	...
Beer at 6 pies per Gallon.	5,710	3,271	...	2,439	44	23	...	21	5,666	3,248	...	2,418
Ghee at 10 annas per quarter.	1,54,093	1,83,861	29,768	...	1,869	992	...	877	1,52,224	1,82,869	30,645	...
Ghee Substitutes at 10 annas per quarter.	3,214	7,723	4,509	...	359	2,278	1,919	...	2,855	5,445	2,590	...
Timber at 2½ per cent market value.	3,16,749	3,78,242	61,493	...	2,821	...	....	2,821	3,13,928	3,78,242	64,314	...
Firewood at 6 annas per ton.	53,472	48,796	....	4,676	...	...	...	...	53,472	48,796	...	4,676
Miscellaneous ...	2	3	1	...	...	....	...	...	2	3	1	...
			2,78,164	81,302	...	...	6,990	25,733			2,77,973	62,368
			1,81,302	...				—6,990			—62,368	
Total ...	24,92,152	26,89,014	1,96,862	...	4,86,519	4,67,776	...	18,743	20,05,633	22,21,238	2,15,605	

CITY ENGINEER'S DEPARTMENT.

I.—ARCHITECTURAL BRANCH.

REPAIRS SECTION.

Upkeep and Maintenance of Municipal and Ex-Trust Buildings.

1. The total number of Municipal and Ex-Trust properties maintained during the year was 2,448 against 2,330 in the previous year. The increase is due to the construction of new structures and also due to a more careful and thorough scrutiny of the properties. The upkeep and maintenance of these buildings were carried out partly by contract and partly through departmental agency. For this purpose the City has been divided into two Divisions, Division No. I comprising A, B, C, D and E/East Wards and Division No. II comprising E/West, F and G Wards including Bandra Slaughter Houses.

Budget Grant and Expenditue.

2. The total Budget grant, for carrying out works under the control of this Branch, was Rs. 19,72,781 as per details given below :—

	Rs.	a.	p.
Revenue Budget "A"	5,76,401	0	0
Revenue Budget "B"	10,52,212	0	0
Loan Works Budget "A" and "B" ..	3,44,168	0	0
Total Rs. ..	19,72,781	0	0

The total expenditure against this Budget grant amounted to Rs. 10,46,310-0-0 which works out to 53 per cent. of the total budget grant.

3. Messrs. R. A. Patankar & Co., and Mr. L. Meghraj Banwarilal were the contractors during the year under report, for carrying out repairs and petty works to the properties in Divisions No. I and II at 25 per cent. and 21 per cent. above the Schedule rates, respectively. The total amount paid to the Contractors for Divisions No. I and II was Rs. 15,406 and Rs. 6,782 against the work orders amounting to Rs. 80,064 and Rs. 49,345, respectively. The works entrusted to the Contractors for Divison No. I are nearing completion. The Contractor for Division No. II has not fared well and his works remaining to be done, or incomplete are being carried out departmentally at his risk and cost.

***Monsoon Repairs and Lime washing works.**

4. Out of the total expenditure of Rs. 10,46,310 the work done departmentally by this Branch amounted to Rs. 6,15,000. These departmental works also include as in previous year works of monsoon repairs as well as of lime washing to various Municipal properties which were executed promptly, satisfactorily and with better results as regards cost, workmanship etc. The total cost involved on these works amounted to Rs. 51,194 and Rs. 33,759, respectively.

New Works.

5. New Works estimated at Rs. 88,248 were carried out during the year. The expenditure amounted to Rs. 17,875 as shown in Appendix A. Out of this, works to the extent of Rs. 1,533 only were carried out by Petty Works Contractors and the remaining works amounting to Rs. 16,342 were carried out departmentally.

Special Repairs Works.

6. Special Repairs Works estimated at Rs. 2,24,955 were carried out during the year. The expenditure incurred amounted to Rs. 1,13,343 as shown in Appendix B. Out of this, works amounting to Rs. 29,386 only were carried out by Petty Works Contractors and the remaining amounting to Rs. 83,957 were done departmentally.

Other Miscellaneous Works.

7. Besides the above quoted works, works of about Rs. 35,897 entrusted to this Branch were carried out departmentally as per requisitions from other departments from the grants under their control.

CONSTRUCTION SECTION.

8. Loan Works estimated at Rs. 3,44,168 were carried out during the year through the contractors as well as departmental agency. The expenditure booked during the year amounted to Rs. 57,137 as shown in Appendix C.

OTHER EMERGENT WORKS.

9. Works of the constructions of 300 one-room tenements at Arthur Road and 100 one-room tenements at Wadala have been completed at a cost of Rs. 5,31,040 and Rs. 2,10,220, respectively. The work of concreting the passages will be taken in hand in the financial year 1946-47. The question of selecting additional sites for construction of further such tenements for the explosion victims is under consideration.

Besides these, the works of repair to the Ladies' Gallery of the Corporation Hall, and of construction of a Fire Services Memorial at the Fire Brigade Station at Byculla were carried out at cost of Rs. 1,600 and Rs. 10,891 respectively.

CIVIL DEFENCE WORKS.

10. As the war has terminated, no A.R.P. works were carried out. The blast walls which were erected as an A.R.P. measure have now been demolished and the Stock of A.R.P. equipment is being disposed of.

As some private buildings requisitioned for A.R.P. purposes are being released to the owners thereof, the works of repairs, overhauling or re-instating them to their original condition are being carried out according to requirements.

* Including Departmental Works.

DESIGN AND DRAWING SECTION.

Plans and Estimates.

11. 50 plans and 61 major estimates amounting to Rs. 58,251 for different works were prepared by the Design and Drawing Section during the year. 69 samples of cement were also tested during the year.

1,796 estimates for works including New Works, Special Repairs Works, etc., were prepared by the Repairs Section during the year and were forwarded to the Departments concerned. The estimated cost amounted to Rs. 30,75,482-13-0.

GENERAL REMARKS.

12. On account of the high cost of the materials and the difficulty of obtaining them, provision was made in the Loan Works Budget for carrying out only a small number of urgent works. As the constructional cost remained at a high level throughout the year it was considered advisable to curtail to a certain extent even some of these works. For similar reasons some of the New Works and Special Repairs Works that were provided in the Budget had to be deferred. Owing to paucity of materials and transport difficulty, the Petty Works Contractors, also did not fare well and in result a large number of works had to be carried out departmentally as in the previous years. For facilitating transport of materials on departmental works, the experiment of engaging private lorries from contractors, Messrs. New Bombay Transport Co., was tried during the year as indicated in the last year's report, and it has proved to be useful.

13. As a result of riots in the City in the last week of February 1946, about 10 Municipal properties were damaged or destroyed by hooligans. The total cost of making good this damage is estimated at Rs. 96,958.

The claim for compensation to the extent of this amount against the Government has been lodged with the Chief Presidency Magistrate.

II.—PRIVATE BUILDING CONSTRUCTION.

(Including Set-backs).

Applications for erection of new buildings.

14. The following table shows the number of applications for the erection of new buildings and for alterations and additions to the existing buildings received respectively under Sections 337 and 342 of the Municipal Act during the last five years :—

Year.	Under Section 337.	Under Section 342.	Total number of buildings dealt with.	Total number of applications.
1941-42	862	950	1,812	3,968
1942-43	381	378	759	1,650
1943-44	500	507	1,007	1,581
1944-45	893	807	1,700	2,373
1945-46	911	951	1,862	2,938

Note.—Two or more modified proposals are generally received in connection with one and the same building, hence the difference between the figures in the last two columns in the above table.

SET-BACKS.

15. The following is the comparative statement of amounts spent for acquisition of set-backs in the City during the last five years :—

Year.	Amount paid as set-back compensation.		
	Rs.	a.	p.
1941-42 ...	7,85,481	13	2
1942-43 ...	3,24,227	15	5
1943-44 ...	3,16,529	15	0
1944-45 ...	1,59,420	13	9
1945-46 ...	1,60,868	3	8

The area added to roads during the year was 725.74 square yards and the cost thereof amounted to Rs. 6,044.

The liabilities outstanding in respect of acquisition of set-backs amounted to Rs. 9,98,723-12-10. This includes cases in which lands have been acquired but have been leased to house-owners concerned on certain terms and conditions as the adjoining set-backs have not been acquired. The compensation in such cases amounts approximately to Rs. 41,555-11-2.

During the year under report liability to the extent of Rs. 1,705-0-0 was cancelled in respect of cases in which claims were barred by limitations and other cases in which acquisition of set-backs was not given effect to due either to plans getting time-barred or parties not agreeing to part with set-back land for compensation offered.

Regular lines of streets.

16. A list of regular lines which have been prescribed or proposed to be prescribed or revised during the year under report, to suit the requirements of modern traffic, is given in Appendix D.

Enforcement of Building Regulations.

17. Prosecutions were launched against house-owners for non-compliance with requisitons under various sections of the Municipal Act, and the result of the proceedings is given in Appendix E.

Removal of unsafe structures.

18. In all 1,975 notices were issued under Section 354 of the Municipal Act for the removal of unsafe structures. Out of these 1,263 were complied with and the remaining 712 were pending at the close of the year.

Out of 652 notices pending at the end of the last year, 598 were complied with and 54 notices still remained pending at the close of the year.

19. The total number of buildings or portions thereof collapsed during the year under report was 53. In 15 cases 32 persons were injured. Out of these 15 cases, in 4 cases 12 person were killed. In the remaining 38 cses there were no casualities.

Building Collapse.

20. Action for the summary removal of huts or walls made of inflammable materials was taken under Section 349 of the Municipal Act in 115 cases. Out of these 77 were complied with and the remaining 38 were pending at the close of the year. Out of the 43 cases which were pending at the close of the last year 42 were complied with during the year under report but one notice still remained pending at the close of the year.

Removal of huts or walls of inflammable materials.

21. In one case in which the sanction of the Standing Committee was obtained last year for the removal of unauthorised works, action was in progress as a result of which the unauthorised works were removed.

Sanction of the Standing Committee for removal of unauthorised works.

22. In all 1,679 notices under Section 308 of the Municipal Act were issued for the removal of unauthorised projections. Out of these 1,356 were complied with and the remaining 323 were pending at the close of the year. Out of 234 cases which were pending at the close of the preceding year, 221 were complied with the and remaining 13 cases were pending at the close of the year.

Removal of unauthorised projections.

23. The following statement shows income derived from and expenditue incurred on account of temporary projections such as stall-boards and weather frame projections, etc., during the course of the last three years.

Income and expenditure on projection permits.

Year.	Staff. Sub-Overseers.	Staff. Clerks.	Income.	Expenditure.	Net Income.
			Rs. a. p.	Rs. a. p.	Rs. a. p.
1943-44 ...	18	4	1,44,528 5 0	32,657 13 0	1,11,870 8 0
1944-45 ...	18	4	1,33,601 8 0	35,762 4 0	97,839 4 0
1945-46 ...	18	4	1,27,482 13 0	33,039 9 0	94,443 4 0

24. As per the programme chalked out by the Corporation for eliminating stall-board projections in the City, action has been taken for the entire removal of stall-board projections from certain streets, *viz.*, Vithalbhai Patel Road, Bhuleshwar Road, Grant Road (between Charni Road and Falklane Road). No new projections were permitted anywhere in the City during the year under report.

25. In all 6,838 notices were issued under different sections of the Municipal Act.

26. During the year under report 978 buildings were inspected by the war staff with a view to registering newly constructed tenements in the City.

New tenements.

The following statement shows the number of tenements newly constructed during the year under report.

Ward.	No. of one-room tenements.	No. of two-room tenements.	No. of larger tenements usually known as blocks.
A	Nil.	Nil.	Nil.
B	Nil.	Nil.	Nil.
C	8	Nil.	Nil.
D	14	Nil.	Nil.
E	Nil.	Nil.	Nil.
F	22	5	1
G	8	6	5
Tenements constructed during the year 1945-46	52	11	6
Tenements constructed during the previous year ...	57	18	8

27. The following statement shows the number of tenements demolished during the year.

Old tenements demolished.

Ward.	No. of one-room tenements.	No. of two-room tenements.	No. of larger tenements usually known as blocks.
A	Nil.	Nil.	Nil.
B	4	Nil.	Nil.
C	Nil.	10	Nil.
D	6	Nil.	Nil.
E	Nil	Nil.	Nil.
F	Nil.	Nil.	Nil.
G	4	Nil.	Nil.
Total ...	14	10	Nil.

SUBVENTION SCHEME.

28. The scheme for compulsory conversion of basket privies into water-closets on full-flushing system in F and G Wards under subvention scheme which was put into operation in October 1939 has been suspended on account of the high cost of materials and as the Standing Committee by their Resolution No. 1658, dated the 18th February 1942 recorded the proposal for issue of fresh notices under Section 248(1)(c) of the Municipal Act, no new notices were issued. No privies were converted into water-closets during the year 1945-46.

CEMENT AUTHORISATION TO PRIVATE HOUSE-OWNERS.

Cement certificates.

29. The issue of authorisation certificates for cement by the City Engineer to private house-owners for obtaining cement for urgent and essential repair works to their buildings was continued during the year under report. In all 4,003 applications for cement were received and authorisations aggregating to 3,431 tons and 2 cwts. were issued after scrutiny of the applications by inspection of works on site. During the latter part of the year, the control over cement was considerably relaxed and the house-owners had not much difficulty in procuring cement for work.

GENERAL.

Revision of Building Bye-laws.

30. The revised Municipal Building Bye-laws as approved by the Corporation have since been confirmed by Government under Section 463 of the City of Bombay Municipal Act, 1888, under Government Resolution No. 4311/33, dated 1-2-1946, General Division with the exception of Bye-law No. 3, which sought to remove the exemption so far enjoyed in respect of buildings vested in Government and the revised bye-laws so confirmed by Government have come into force from 1-3-1946. The codes for the R.C.C. and steel structures have also been approved by the Corporation and are awaiting Government confirmation.

31. Messrs. Prabhavalkar and others filed a suit against the Municipality disputing *inter alia* the Municipality's right to prevent the owner from proceeding with the work within one year from the date of the original sanction, once the Municipality disposed of the plans and sent an intimation of disapproval to the party. They further disputed that the Municipal Commissioner could not prescribe regular lines on a public street constructed according to the layout sanctioned by the Corporation. The suit was dismissed with cost by Mr. Justice Chagla in the High Court whose judgment was upheld on all points by the full bench of the Bombay High Court and also by the Privy Council on appeal. Thus this long pending case was finally closed during the year under report.

Building activity in the area affected by Explosion of 14-4-1944.

32. In the area affected by the explosion, 487 proposals for repairs and construction of temporary godowns were sanctined out of which 307 buildings including godowns have been repaired or newly built.

III.—MECHANICAL BRANCH.

Municipal Workshops.

33. The total expenditure on Departmental and Private Works carried out in the Municipal Workshops during the year 1945-46 amounted to Rs. 2,33,129 as against Rs. 2,53,276 in the preceding year.

34. The expenditure on the upkeep and overhead charges of the Workshops amounted to Rs. 72,745 which works out to 33 per cent. on the expenditure incurred on labour and stores used in the execution of works during the year under report against 27.3 per cent. of the preceding year.

DADAR PURIFICATION WORKS.

35. The Sewage Purification Works, comprising the Activated Sludge Plant and the enclosed Pruss Filter worked satisfactorily throughout the year.

36. The total volume of sewage received and recorded at the Plant, during the year, amounted to 3653.88 million gallons, *i.e.*, an average of 10.28 million allons per day. The quantity of crude sludge digested during the year amounted to 18.25 million gallons. The total gas generated in the year was 20,868.100 cubic feet and the average generation per day was 57,173 cu. ft., *i.e*, 5,588 C. ft. less than the daily generation during the previous year. This decrease was due to leaks from the Hoarding roof of the Digestion Tank which is now under repairs.

The total quantity of gas generated during the year represents an yearly potential income of Rs. 83,472, (at Rs. 4 per 1,000 cubic feet which is the rate charged by the Bombay Gas Co., Ltd., to the public).

37. During the year, Sludge gas was supplied to the following Institutions and Buildings :—

(*i*) K. E. M. Hospital.
(*ii*) K. E. M. Hospital Staff and Lady Students' Hostel.
(*iii*) The Turner Sanatorium.
(*iv*) The R. I. N. Hospital, Sewree.
(*v*) Bai Jerbai Wadaia Hospital for children.
(*vi*) The Nowrosjee Wadia Maternity Hospital.
(*vii*) Street Lights (11 Nos.)
(*viii*) Dadar Purification Works staff quarters.

The quantity of gas used during the year was 12,845,700 cubic feet against a total generation of 20,868,100 cubic feet which is equivalent to about 38 per cent. wastage. The use of the gas has been now extended to the Wadia group of Hospitals. The gas could not be used for other purposes as originally contemplated due to the conditions created by the war, *viz.*, the non-availability of plant, machinery and non-release of building materials.

38. The total income derived from the supply of the sludge gas to the above Institutions amounted to Rs. 39,197-10-0, which is Rs. 8,840-7-0 more than that of the previous year. This increase is due to the extension of the sludge gas supply to the Wadia group of Hospitals.

39. Early in March 1945, the high pressure sluge gas compressor plant developed a machanical trouble which could not be set right till the end of the year under report. The lorry fitted with sludge gas cylinders did not therefore, run on sludge gas during the year. The work of fitting up the additional six lories, material for which has been received, was not therefore taken in hand. It is desirable to install one more additional compressor to work as a stand-by and proposals for the same will be submitted to the Corporation for sanction.

40. Apart from the use of sludge gas for domestic fuel and as motor fuel instead of petrol for running Municipal transport lorries, the Corporation in 1943 sanctioned the purchase of two sludge gas engines and electric power generating plant to utilise the excess gas. The machinery for this plant has been received and the construction of a building for accommodating the machinery is in progress. It is likely that the generating plant may be brought into use before the end of the next financial year.

41. *Digestion Tank.*— The latter half of 1945-46 registered diminishing quantities of gas collected. This was mainly due to a number of gas leaks through the joints in the floating roof. As the tank is now full nine years in continuous service without any repairs, these leaks are natural. Steps cannot be taken to get them repaired unless the whole tank is thrown out of operation, which is not possible as another digestion tank included in the scheme of extension of the works could not be constructed due to difficulties of getting machinery and materials. Now that the war is over, additional Digestion Tank must be constructed forthwith and proposals for the same have already been submitted to the Municipal Commissioner for being passed on to the Corporation.

42. The volume of the sewage received at Dadar Purification Works continues to be much in excess of the purification capacity of the plant. Owing to the war and high cost of equipment and materials, no extensions could be taken in hand during 1945-46. Extensions to Dadar Purification Works are very essential and they must be taken in hand early.

43. The Sewage Works Laboratory examined over 3,000 samples during the year. Under the watchful eye of the Laboratory, the Plant worked smoothly throughout the year. Appendix 'F' gives the salient features of the working results of the Purification Works during 1945-46. In October, the Works completed ten years of operation. Appendix 'G' gives results in brief of 10 years' working.

44. The total expenditure on power, stores, establishment, laboratory, etc.; for the working of the Activated Sludge Plant, Pruss Filter, Digestion Tank, the Sewage Pumping Station at the Plant and the Sludg Gas Compressor Station amounted to Rs. 1,09,065 during the year under report.

PUMPING STATIONS.

Love Grove Pumping Station.

45. The Pumping Station worked satisfactorily throughout the ear. The average quantity of sewage pumped during the dry weather months amounted to about 63.3 million gallons per day, whilst during the monsoon period it amounted to 86.34 million gallons per day. The cost per million gallons of sewage pumped out during the preceding year worked out at about Rs. 6.70, whilst for the year 1945-46 it comes to about Rs. 5.41 per millon gallons. The new 180 K.V.A. Static Condenser which was put into commission on 22-12-1944 worked satisfactorily upto 4th August 1945 when it developed a fault. It was replaced by the Condenser of 100 K.V.A. capacity which was kept as a stand-by. It worked normally upto 25-8-1945 when it too developed a fault. Both these Condensers were removed by the suppliers, Messrs. Ichnson & Phillips, Ltd., for repairs at their works in England. To guard against a similar break-down in future, an additional Condenser of 180 K.V.A. capacity will be purchased during the year 1946-47. The total expenditure for the year 1944-45 was Rs. 1,72,902, whilst for the year under report, it amounted to Rs. 1,44,044.

Scheme for Sewage Purification Works at Love Grove.

46. The average height of the sewage in the detritus chamber was maintained at R.L. 72.5 (T.H.D.). The detritus removed amounted to 4,616 tons as against 4,484 tons during the preceding year. Proposals for improved methods of increasing the precipitation of detritus are under consideration and will be included in the scheme for dealing with the problem of "Sewage Disposal" at the place. To deal with the increased quantity of sewage coming to Love Grove, the construction of an additinal pumping station was sanctioned by the Corporation but its execution had to be held over for want of funds and also due to the abnormal conditions created by the war. Now that the war is over and conditions as regards the availability of equipment and materials are easing, a beginning will be made in the year 1946-47.

47. The Station is running short of pumping capacity. The peak load flow is very much in excess of the capacity of the pumps and consequently surcharging of sewers continues for a greater part of the day. Moreover, the transformer capacity available at the station is inadequate to allow more than 4 pumps to be run simultaneously. It is, therefore, absolutely necessary to go in for an additional transformer immeidately and to instal at least one additional pump of 45 million gallons per day capacity. This pump should be located in a new sump and should form part of the main scheme of sewage purification approved by the Corporation. A beginning is soon to be made with installaton of two additional transformers during the year 1946-47.

48. No damage was caused to the Love Grove Outfall during the year under report. The preparation of the detailed plans and estimates in connection with the Scheme for dealing with the problem of sewage disposal at Love Grove, which has been approved by the Corporation, could not be taken in hand as no definite data could be obtained due to the fluctuations in the prices of materials. The execution of the Scheme was, therefore, postponed till after the war.

Matunga Pumping Station.

49. This Station worked satisfactorily during the year. The Transformers erected at the station have been working satisfac orily and the to'al saving derived by installing the Transformers and Static Condensers amounted to Rs. 4,357.

The quantity of sewage pumped by the station during the year was 2,225 million gallons and the total expenditure incurred on its maintenance amounted to Rs. 40,707.

Other Minor Pumping Stations.

50. The Pumps at the following places continued to be in operation. The approximate quantity of sewage pumped and the expendiure incurred during the year were as under :—

Names of Pumping Stations.	Approximate quantity of sewage pumped in gallons.	Expenditure during the year.
		Rs.
Poibavdi	186,480,000	4,483
Arthur Road	(Station closed).	1,696
Sewri	158,700,000	5,194
Tank Bunder	186,600,000	5,793
Mahim	1,502,376,000	18,989
D. D. Chawls, Sewri	61,930,000	4,434
Wadala	53,220,000	2,661
Sion	22,140,000	2,174
Dharavi	222,960,000	3,552

51. The existing pumping capacity at Mahim and Matunga Pumping Stations is inadequate to cope with the peak load flows due to the tremendous increase in the population in the areas served by the two stations. Steps will be taken early to provide additional pumping sets thereat to deal with the peak load as well as average flows.

52. The new pumping station at Jacob Circle worked satisfactorily throughout the year, the average quantity of sewage pumped being 10,34 million gallons per day, and the expenditure booked during the year amounted to Rs. 32,480.

Jacob Circle Pumping Station

53. The Dadar Pumping Station continued to work more or less satisfactorily. The existing pumps at Dadar, owing to their defective construction, are required to be repaired off and on, and on account of this it becomes difficult to keep all of them in a working condition. The pumping units installed at this station are inadequate to cope with the increase in sewage in the area served by this station. A pump of 3 millon gallons per day capacity removed from the Matunga Pumping Station has been installed to increase the pumping capacity. Proposals for further increasing the pumping capacity at this Station are under consideratao.

COMPRESSOR STATIONS.

54. The electrically driven Air Compresor Stations at the Victoria Gardens, Fergusson Road and Colaba, worked satisfactorily during the year under report. The total electric units consumed at these stations, together with the cost of current, were as follows:—

Victoria Gardens, Fergusson Road and Colaba

No. of units consumed.	Cost.	Average cost per unit.
28.90,738	Rs. 77,710	.43 Anna.

The Static Condensers at these stations continued to work satisfactroily and the saving effected therefrom during the year under review amounted to Rs. 13,993.

55. The total number of units consumed by the Compressor and the Pump was 7,00,050 at a cost of Rs. 24,767 giving an average rate of .566 anna per unit. To increase the capacity of the Compressor Station for dealing with the additional sewage owing to increased population, one noiseless slow speed compressor was proposed to be erected at the station: but the compressor could not be secured to Municipal requirements due to war conditions and as such the proposal had been dropped. A fresh proposal will be submitted as soon as conditions return to normal.

Warden Road Compressor Station.

56. The Warden Road Auxiliary Pumping Station attached to the Compressor Station continued to work fairly satisfactorily. The sewage arriving at this station has considerably increased and the two pumps of 500 gallons per minute capacity, installed thereat, are found to be inadequate to cope with peak load flow. The station suffers considerably when one of the pumps is required to be shut down for inspection or repairs. One pump is already ordered out and another will be purchased during the year 1946–47.

EJECTOR STATIONS.

57. Out of the 23 ejector stations, the ejector at Tank Bunder has been closed down since the commencement of the working of the Tank Bunder Pumping Station. Great difficulty was experienced in working the remaining 22 ejector stations located in different parts of the City, as most of them had served their useful life. Proposals for replacing some of them by pumping stations have been sanctioned by the Corporation, but their execution has been delayed due to the conditions created by the war.

58. Since the starting of the Jacob Circle Pumping Station, the Arthur Road Ejector and the Auxiliary Pumping Station thereat have been closed. The schemes for doing away with the ejectors at Fergusson and DeLisle Roads are in hand. The work of installing a pumping station at Church Street in place of the Ejector station will be started in the year 1946–47.

59. Considerable inconvenience was caused to the public due to the overflow of sewage on roads from sewers draining to ejector stations and also due to the bursts in the sealed sewage mains. Immediate steps were taken to repair the damage done.

60. The total expenditure incurred on the maintenance of Compressors and Ejectors amounted to Rs. 1,70,214 as against Rs. 1,83,502 during the preceding year.

FLOOD GATES.

61. The automatic flood gates at Love Grove were thrown out of gear, as their flaps had corroded on account of sewage action. The work of replacement of flaps by suitable non-corrosive metal had to be delayed as such a metal is not readily available at reasonable price at present. Old flood-gates, which were reinstated as stand-by are now worked to serve the purpose.

62. The old flood-gates at Cleveland Bunder have finished their useful life. It is, therefore, proposed to renew them by stages by providing funds in succeeding budgets.

63. The cost of maintaining the flood-gates during the year amounted to Rs. 4,960.

INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

64. 516 new proposals for permits and licenses were received and disposed of after inspection, and 36 nuisance cases were attanded to and necessary steps taken. Information with regard to this has been given Ward by Ward in Appendix 'H'.

MOTOR TRACTION.

65. The expenditure under D—Transport, 1—Inspection and Supervision amounted to Rs. 19,524 during the year under report.

Expenditure on supervision.

66. There were 91 vehicles in commission and the expenditure incurred on their running during the year is given in the sub-joined statement:—

Maintenance of vehicles.

No. of vehicles.	Description of cars and lorries.	Cost. Rs.
5	Inspection ..	14,520
3	Hearses ..	9,212
5	Ambulances ..	21,785
45	Refuse ..	6,28,631
9	Silt ..	25,144
4	Halalkhore ..	30,926
4	Encroachment ..	9,216
3	Offal ..	20,838
13	Meat ..	96,801

The vehicles are supplied with petrol, oil and grease during the day time. Due to war conditions, the prices of petrol, tyres and repair parts had gone up consideraly and it was found very difficult to obtain parts of our old vehicles with the result that the repair work was hampered and the cost of running and maintenance increased.

67. Out of the 9 A.R.P. vehicles purchased during the year 1942-43, two had been converted and are working in the Refuse Section. The conversion of five vehicles is held in abeyance for want of wheels which were not obtainable in the market. Two trucks have already been taken over by the Officer Commanding Fire Services.

68. Three Ford and three Dodge trucks were purchased during the year for the removal of refuse, meat and stall boards. Out of the three Ford trucks, one has been put into commission for the removal of refuse and the work of building bodies on other two is in progerss. During the disturbances in the City on 22-2-1946 one Dodge truck was completely damaged and two others partially. The work of repairing these two partly damaged vehicles will be taken in hand as soon as funds are available and when ready, will be used for conveying beef from Bandra Slaughter Houses.

69. During the year, one car was purchased for the use of the City Engineer.

REFRIGERATOR PLANT AT THE ARTHUR CRAWFORD MARKET.

70. This Plant, though still in service, has passed its useful life, It requires to be replaced by a new one, but owing to war conditions, the installation of a new Plant had so far been postponed. The necessary budget provision is made in this year's budget; tenders have been received, and the plant will be installed during 1946-47.

GENERAL.

71. The maintenance cost of the pumping and compressor stations and also of the Dadar Sewage Purification Works has increased considerably due to the abnormal rise in the cost of materials, spare parts, etc., and also on account of longer working hours of the machinery necessitated by the increased population in the City.

72. Measures are under consideration to deal with the increased sewage consequent upon the increased water supply proposed to be brought into the City under the augmentation scheme and staff has been engaged to prepare schemes for enlarging and extending the drainage system. The original proposals already made in connection with the provision of additional pumping stations, etc., will have to be revised to fit in with the proposals now under consideration and must form part of the general scheme that would be eventually carried out consequent upon the introduction of increased water supply per capita to the City.

73. The income under 9—Mechanical, Miscellaneous, Miscellaneous Receipts, which comprises sale proceeds of unserviceable materials, fees for hire of ambulances, sale of sludge gas from Dadar Purification Works amounted to Rs. 1,20,956 against the revised estimate of Rs. 1,02,641, the increase being due to sale of four air compressor sets lying at Love Grove Pumping Station, which realised Rs. 37,641.

74. Towards the end of the year, on 22nd February 1946, the premises of the Municipal Workshops were broken open and set on fire by an unruly mob causing extensive damage to the main office building and Municipal property and destroying all office records. The damage suffered is in the neighbourhood of Rs. 45,000. A claim for compensation has been lodged with the Chief Presidency Magistrate (*vide* Section 45(3), of the City of Bombay Police Act, 1902). Due to the destruction of office record, it has not been possible to give correct figures in this report. However, with the help of the records available in the Chief Accountant's Office, attempt is made to give as true a picture as possible of the working of the Mechanical Branch.

IV.—WORKS BRANCH

75. The Works Branch contsists of the following sections :—

I.—Construction Section.—It deals with the construction of new roads, footpaths, storm water drains and sewers and supervises the working of the Asphalt Plant, Quarries and Crushers.

II.—Maintenance Section.—It deals with the repairs and maintenance of the carriageways, footpaths, road-side trees, statues, lighting of streets, and carrying on minor works of street connection adding set-backs to roads, repairs to trenches opened in roads by Public Utility Companies, etc.

III.—Drainage Section.—It deals with the cleaning and maintaining in good repair and working order all the S. W. drains, sewers, etc., with their accessories. The work of this Section has been placed for the present under the Mechanical Engineer.

IV.—Design Section.—It prepares drawings and estimates of the various works to be done by the three Sections mentioned above. This Section also deals with the improvement of Private Streets in the City.

1.- Construction Section.

Works.

76. The works carried out by this Section during the year out of funds provided in Budgets 'A' and 'B' are given in Appendices I, J, K, L and M. The total expenditure incurred upto the end of the year on the construction of roads, footpaths, S.W. drains, sewers, and other miscellaneous works amounted to Rs. 7,58,293, out of which works costing Rs. 6,26,435 were carried out departmentally and the remaining works costing Rs. 1,31,858 were carried out by contracts. On account of the termination of the hostilities and availability of materials there was a growing tendency among the contractors to go in for construction work. Thus during the year under review more works were carried out by contract.

Asphalt Plant

77. As mentioned in the last report arrangements were made to start the Asphalt mixing Plant and it was put into commission from 19-4-1945. Portions of Grant Road and Victoria Gardens Road were taken first for renewal as these roades were very badly deteriorated Since the Plant was installed in 1921-22, it was run by contract labour for the first time during the year. The results are found to be satisfactory and economical.

The Asphalt Plant usually works for about 240 days in the fair season of the year. As it was started this year from 19-4-1945, 49 days were lost as non-working days. Out of the remaining 191 days, there were 7 holidays, 27 Sundays and for 6 days the plant was stopped on accout of disturbances in the City and unforeseen reasons. Thus there were only 151 total working days.

The average area laid per day with the different methods was as follows :

Method.	Total area in sq. yards.	No. of days.	Average area per day.
Renewing 3" sheet Asphalt	30,506*	88¼	345.61
Maintenance Works	18,096	54	335.11
Trench Reinstatement Works	840	8¾	96.00
	49,442	151	

The following tests were carried out during the year at the Asphalt Plant Laboratory.

Nature of Tests.	No. of Tests.
(1) Extraction	2
(2) Platform Sand Tests	225
(3) Testing sand from Depot	70
(4) Tests of materials from Depot	30
(5) Tests of Platform sand and Metal	110
(6) Void tests	11
(7) Specific Gravity Tests	22
(8) Penetration and other tests	115

The value of stock on hand at the close of the year was Rs. 61,821-12-10 and the value at the beginning of the year was Rs. 1,32,654-14-0. The total expenditure incurred on working of the Plant amounted to Rs. 3,48,602-5-0 and the amount realised by recoveries was Rs. 3,68,794-6-0. Working of the Plant therefore shows a profit of Rs. 20,192-1-0.

Out of an area of 30,506 square yards mentioned above an area of 9,045 square yards of Capital Roads was renewed during the year with 3" sheet Asphalt at a cost of Rs. 70,720-4-0 from the provisions available under Advances and Suspense Head and Renewal of Road Surfaces Fund. Further area of 21,461 square yards was renewed at a cost of Rs. 1,56,776-8-0 from the provision available under Loan Works Budget VIII.—Roads, Drains, and Sewer, Renewing surfaces of Roads for which no Renewal Fund exists.

The total mileage and areas of Roads in the City including Roads taken over from Ex-Trust treated with Plant Mixed Asphalt Carpet upto 28th February 1946 was 51.894 miles or 11,91,946 square yards.

The rate of Asphalt had increased and was Rs. 217 per ton as compared to Rs. 198 in 1941-42 and Rs. 137 in 1940-41. Cost of Labour also increased on account of payment of Grain Compensation.

Crushers.

78. On an average four crusher units had to be worked during the year, two at Worli and two at Sewri to meet th increasing demand for the supply of metal by wards. The labour required for running the crushers was engaed by contract at the rate of Rs. 3-5-0 and 4-1-0 per 100 c. ft. of rubble crushed at Worli and Sewri respectively. Rates paid included charges for removal, screening and loading, etc. Rubble required for Sewri crushers was purchased partly from Mr. Enus Kondaji at the rate of Rs. 21-8-0 and partly from Departmental works at Rs. 13-0-0 per brass. A further quantity of about 200 brass of rubble was purchased from Messrs. Rao Saheb Rawji Sojpal at Rs. 20-14-0 at the risk and cost of the contractor. At Worli 1,166 brass of rubble stone was purchased from Velji Poonja at Rs. 15-12-0 per brass and the balance was drawn from Worli Hill slope at the rate of 6-8-0 per brass.

The total output of the crushers at the two places during the year was as follows :—

Kind of metal.	Worli Crushers. Cft.	Sewri Crushers. Cft.	Total. Cft.	Rate per 100 C.ft. Till 31-10-45.	Rate per 100 C.ft. From 1-11-45.
				Rs.	Rs.
1½" Metal	202,109	3,578	205,687	22	29
1" Metal	5,650	21,036	1,16,686	24	31
½" Metal	109,250	205,472	314,722	26	33
⅜" grit	44,650	28,466	73,116	26	33
Grit and Dust	67,352	102,850	170,202	20	27
Fine Grit	...	...	...	...	...
Stone dust or filler	...	1,455	1,455	15	20
Crusher Run	46,400	27,803	74,203	24	31
Dust	500	4,100	4,600	10	17
Total	565,911	394,760	960,671		

The value of stock on hand at the end of this year at Worli and Sewri was Rs. 30,139-4-0 and Rs. 23,876-0-0 respectively.

79. The following table gives the financial results of the working of the crushers :—

	Debit.	Credit.	Net gain or loss.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Worli Crushers	81,983 3 0	1,79,702 3 0	97,718 15 3 (gain)
Sewri Crushers	1,51,934 1 6	1,49,945 2 0	1,988 15 6 (loss)

The Worli Crushers show a profit and the Sewri Crushers a loss. The reasons of the loss are (1) high rate of rubble purchased for this Crusher (2) the rate of supply of crushed materials has been based on the average of the rates of rubble purchased at both places. On the whole however the Crushers do not show any loss.

One Electric Motor of 80 H.P. purchased during the year 1943-44 at a total cost of Rs. 8,643-12-0 was put into commission at Sewri Crushers and is working satisfactorily.

Owing to want of spares, the strain on machinery had increased and the worn out parts had to be made locallay as they could not be obtained from abroad.

The crushers continued to work even in the disturbances of February 1946.

II.—Maintenance Section.

Repairs and maintenance of roads and footpaths.

80. The total mileage of roads in the City at the close of the year was approximately 267.393 miles. The classification of roads and footpaths showing the mileage and areas to be maintained and the expenditure incurred in maintaining them during the year is given in Appendix 'N' In all 3,29,796 square yards were reapaired during the year at a total cost of Rs. 739,896. Besides Rs. 13,373 were spent on the improvement of katcha footpaths in the City. The following additional expenditur was also incurrred on patching, overhead and other miscellaneous charges :—

	Rs. a. p.
General charges	73,311 12 0
Over-head charges	52,950 10 0
Miscellaneous charges	7,421 13 0
Ordinary patching	13,864 8 0
B. C. Patching	2,29,859 8 0
Total Rs. ..	3,77,408 3 0

The percentage of the general, over-head and miscellaneous charges over the direct expenditure on road repairs and departmental and private works carried out by the maintenance wards comes to Rs. 7.48.

Capital roads.

81. (*a*) *Repairs.*—Roads treated with permanent mode of construction were repaired in part at a total cost of Rs. 2,47,798 covering an area of about 63,078 square yards.

(*b*) *Renewal.*—The works carried out from the Renewal of Road surface Fund are given in Appendix 'O'. This show an improvement over the previous year due to relaxation of control and the improvement in the supply of cement and asphalt.

Repairs to Ex-Trust Roads.

The expenditure incurred in maintaining katcha roads taken over from the Ex-Improvement Trust and the Road side trees inthose areas amounted to Rs. 62,573 and Rs. 6,200, respectively.

82. The following roads were constructed under Improvement schemes and taken over for maintenance during the year :—

Name of Road.	Length in R.ft.
40' feet Road off Sabu Sidik Road	592
Road No. 15 Sewri Scheme VI	442
	1,034

Name of footpath.	Length in R.ft.
(Footpath Eastern) 40' Road off Saboo Sidik	500
(Footpath Western) 40' Road off Saboo Sidik	347
Footpath newly constructed, Matunga Road	600
Do. do. Kings Circle	270
Do. do. Road No. 26B, Sion	410
Do. do. Bhawoo Daji Road	23
Do. do. Hormasji A. Road	17
	2,167

Road watering.

83. All water bound roads and katcha footpaths comprising an area of 83,225 sq. yds. were watered twice a day during the dry (Season and the expenditure incurred thereon amounted to Rs. 20,784.

Traffic Amenities.

84. *Refuge Islands.*—During the year the following temporary new traffic Islands were laid out at Municipal Cost :—

(1) Bellasis Road Junction Ripon Road and Clare Road.
(2) Government Gate Road Junction Parel Back Road.
(3) Katrak Road Junction Sewri Cross Road.

The following temporary Islands were made permanent.

Locality.	Cost.	Remarks.
	Rs. a. p.	
(1) Bhavanishankar Road ..	1,241 7 0	Rs. 1,808 paid by private party as donation, work complete except lighting arrangement.
(2) Tilak Bridge ..	5,215 5 0	Borne by Municapality.

85. (*a*) Replacement and Plantation of new trees :—

Road side trees. The total number of roadside trees planted in the City during the year was approximately 900 at a total cost of Rs. 7,109-12-0. Out of this 342 were frseshly planted on new pits along side specified roads as per five years programme and the rest were for replacing casualties.

Planting New Trees.

Ward.	Name of Road.	No. of Trees planted.	Expenditure incurred.	Species.
			Rs. a. p.	
	Municipal Roads.			
A	Frere Road	30	256 4 0	Karanj.
D	Belasis Road	5	109 14 0	Tapla.
E	Souter Street			Karanj.
E	Club Road	12	238 2 0	Peltaphorum.
F	Bhandarkar Road			Karanj.
,,	Deodhar Road			Putranjiva.
,,	Govindji Keni Road			Pangara and Putranjiva.
,,	Jijibhoy Lane	125	2,772 3 0	Cassia Siamca.
,,	College Road			Cassia Siamca.
,,	Balchandra Road			Ashoka.
,,	Government Gate Road			Colmohur.
G	Mahim Causeway (West footpath)	100	3,103 13 0	Cocoanut Palm.
,,	Sayani Road			Colmohur and Tapla.
	Total ..	272	6,480 4 0	
	Ex-Trust Roads.			
F	Katrak Road			Tapla and Karanj.
,,	Matunga Road	50	153 9 0	Colmohur.
,,	Sion Road.			Karanj.
,,	Worli Road No. 13	20	474 15 0	Paltaphorum and Tapla.
	Total ..	70	628 8 0	

(*b*) *Maintenance.*—About 136 trees were cut down as they had either perished or were unsound. About 20 trees were uprooted during the monsoon but fortunately no damage or injury was thereby caused to person or property. The total expenditure incurred on maintenance of road side trees during the year amounted to Rs. 10,110. During the disturbances in February 46, 330 trees were wantonly cut down and about 260 tree guards, protecting saplings and young trees were damaged by hooligans, The cost of making good the damage done to roadside trees is estimated at Rs. 21,530-0-0.

86. **Benches.** The total expenditure incurred in repairing and maintaining the existing benches, *i.e.*, about 715 in all kept at various places amounted to Rs. 281-0-0.

87. **Street name Boards.** No new street name plates or poles were purchased during the year owing to their prohibitive cost. The expenditure incurred on repairing and maintaining the existing name boards amounted to Rs. 842-6-0.

88. **Upkeeps and Maintenance of Public Monuments.** The statues and Public monuments in charge of this department were periodically cleaned and maintained in a tidy condition. The total cost incurred for the same during the year amounted to Rs. 1,676.

89. **Widening of roads consequentupon acquisition of set-backs.** The cost of adding to roads the set-back lands acquired in the different parts of the City inclusive of the cost of incidental works such as shifting tram poles, electric cables, gas or electric lamps, etc. amounted to Rs. 6,044. The total area thus added during the year was 725.74 square yards.

90. **Private and Departmental Works.** (*i*) 235 works were carried out for other Municipal Departments at a total cost of Rs. 1,00,367-12-0. (*ii*) 130 works were also carried out for various private paries at a total cost of Rs. 89.506.

91. **Road rollers.** The total number of road rollers in charge of this department was 26, out of which 22 were steam driven, 3 were petrol driven and one was diesel engine driven. Out of the steam rollers six are for sheet asphalt work. The total expenditure on the repairs and maintenance of the rollers inclusive of establishment charges during the year amounted to Rs. 79,522-7-0.

92. **Motor Traction.** The total number of lorries and trucks in the Road Department, Motor Transport, was 21 and 8, respectively. The mileage done by the lorries and trucks for Works Branch and other Departments for the transport of materials was 3,16,520 and 48,910 miles, respectively, the total mileage being 3,65,430 miles. The rates charged to various departments for 4-5 ton

lorries were annas 9 per mile and for 1-1½ ton trucks annas 7 per mile. A flat rate of Rs. 3-8-0 per brass was charged for transporting metal from the Municipal Crushers to any part in the City and a rate of Rs. 2-4-0 per brass was charged for hauling rubble to Worli Crushers from the Municipal stock lying in the ex-Trust Schemes. A rate of Rs.2-8-0 per ton for the transport of cement from various Goods Yards, Docks, and Bunders to the Municipal Central Stores including loading unloading and stacking was charged during the year. However this work was given by contract in the later part of the year due to shortage of transport. The total expenditure of the working of the lorries and trucks during the year amounted to Rs. 1,72,111-3-6 and the charges realised from the various departments for the work done on their account amounted to Rs. 2,26,581-13-0.

Due to increase in population, the work of removal of refuse increased considerably and some of the Transport lorries had to be diverted to this work and this necessitated hiring some private lorries, for transport of road materials.

During the disturbances that took place on 22-2-1946, one Transport Lorry No. BMT 4169 was set on fire and completely destroyed by hooligans.

Permits.

93. (*a*) *Opening roads and footpaths.*—During the year 347 permits were issued for excavation in roads and footpaths. The cost of reinstating the disturbed surface was in all instances, charged to the respective permit holders.

The following return shows the department or other concerns responsible for such openings and gives lengths in running feet and areas in square fet of the trenches opened. They were repaired at a total cost of Rs. 3,91,991-2-0 which was borne by the parties concerned.

Serial No.	Departments.	Length of trenches resorted in R.ft.	Area in sq. ft.	Cost
				Rs. a. p.
1	Water Department	72,021	1,72,659	1,20,612 15 0
2	Drainage Department	5,921	16,875	15,913 0 0
3	Bombay Gas Co., Ltd.	10,733	24,482	15,685 1 0
4	The Bombay Electric Supply & Tramways Co., Ltd..	8,390	16,838	5,387 5 0
5	Indian Post and Telegraph Department ..	70,779	1,55,056	1,69,488 15 0
6	Government Telegraph Department	12	36	25 0 0
7	Andhra Valley Power Supply Co., Ltd. ..	1,000	3,000	2,025 2 0
8	Miscellaneous Agencies	29,107	60,724	56,164 10 0
9	The Bombay Port Trust	63	189	332 2 0
10	Mechanical Engineer's Department	2,880	960	4,830 0 0
11	Assistant Engineer, Lighting Department ..	768	2,304	1,527 0 0
	Total ..	2,01,674	4,53,123	3,91,991 2 0

The total amount of road opening fees recovered during the year amounted to Rs. 2,344-0-0.

(*b*) Action under Section 322(C) of the Municipal Act was taken to prevent unauthorised occupation of roads with building materials 406, notices were served for contravening the provisions of this Act.

Fees were recovered for the use of roads for stacking building materials and putting up scaffoldings. The total receipt under this head amounted to Rs. 13,485-7-0 for 491 permits.

(*c*) *Temporary lettings of road side lands and portions of footpaths.*—Grount rent recovered on account of temporary lettings of road side lands and fotpaths for the erection of petrol tanks and pumps and other miscellaneous occupations amounted to Rs. 21,209-7-0. This amount was exclusive of the rent for the tramway tracks which amounted to Rs. 66,944.

(*d*) The following table gives the number of permits issued for other purposes and the amounts recovered therefrom :—

Particulars.	No. of permits issued.	Amount recovered.
		Rs. a. p.
Mandaps	233	1,881 0 0
Chairs and Benches	744	2,190 0 0
Holi	81	Free.
Ganpati	26	Do.
Moharam	278	Do.
Total ..	1,362	4,071 0 0

Tramways.

94. No additions were made to the total length of the tram tracks in the City during the year, the existing total length of double tracks being 26.70 miles and single tracks 2.42 miles.

95. In accordance with the Corporation Resolution No. 4313 dated the 7th Ocotober 1915, the following information regarding the rolling stock has been obtained from the B. E. S. & T. Co., Ltd., for the year under report :—

Type of Cars.	No. owned.	Seating in each.	Total Seating.
Single Deck Bogie	1	56	56
" " "	28	60	1,680
Double " "	33	140	3,432
" " "	16	96	1,536
" " "	1	92	92
" " "	1	86	86
" " "	22	110	2,420
" " " Centre Entrance	22	104	2,288
" " " " "	1	100	100
Single truck Trains	52	70	3,640
" " "	91½	78	7,137
" " "	2	74	148
" " " Market Specials	1	66	66
" " " " "	3	74	222
Light Trailers	30	72	2,160
	274½ + 30 Trailers.		25,063

No tramway shelters were erected during the year. However, 1 Bus queue barrier without roof and 2 with roofs were provided at different but-stops in the City, thereby making the total numbers of the barriers as 20 and 8, respectively.

96. *Public Street Lighting.*—The Public street lighting consits of gas, electric and incandecsent oil lamps.

97. The total number of street lamps in the City at the end of the year was 10,864 which exceeded the corresponding figures for the previous year by 26. The details of different types of lamps are as under:—

Low Pressure Gas Lamps.							High Pressure Gas Lamps.			
Hexagonal.	Bombay.	Litleton.	Rochester.	London.	Traffic direction lamps at traffic islands.	G-Type pattern lamps.	Keith.	Suggs.	Metro Supervia No. 1.	Metro Supervia No. 2.
4050	293	3666	514	10	118	26	40	8	53	2
							Electric lamps of different types.		Incandescent oil lamps.	
							1919*		165	

The candle power of gaslamps varies from 70 to 4,000 and of electric lamps from 40 watts to 500 watts. There is one lamp of 1,500 watts at Sandhurst Bridge.

98. The following statement shows the candle power of lamps, the energy consumed by them during the year and the expenditure incurred on account of maintenance, etc. On an average 4,07,048 C.ft. of gas and 4,232 (K. watts H.) units of electricity were consumed per day as against 4,10,475 C.ft. of gas and 3,816 (K. watts H.) units of electricity during the previous year.

Kind of lighting.	Candle power.	Total consumption of energy during the year.	Expenditure for lighting and maintenance.
			Rs.
Gas	19,73,364	14,85,72,475 C.ft.	4,88,625
Electric	4,42,321	15,44,713 K. W. H.	2,58,645
Incandescent oil	99,000	..	38,850

99. An additional expenditure of Rs. 19,225 was incurred on the following items :—

(1) Erection of new lamps	Rs.	Nil.
(2) Repairs and maintenance	"	19,170
(3) Miscellaneous	"	55

Maintenance of Port Trust Wharves and Roads.

100. As usual Rs. 1,60,550 and Rs. 43,680 were paid to the Bombay Port Trust on account of maintenance of the surface of and lighting of Wharves and roads in their charge by adjustment against the amount due from them in respect of the general tax for the year under report.

101. At the close of the year, civic disturbances broke out in the City and about 2,000 gas lamps, 393 electric lamps and 14 I. O. lamps were damaged by the hooligans involving an estimated cost of damage to the extent of about Rs. 70,000. Claim for recovering this amount has been already forwarded to the Government.

* Besides these there are 23 Policemen's spot-lights and 12 other lamps on railway foot over-bridges at Chowpaty Byculla and Dadar maintained by the Public Lighting Department.

III—Drainage Section.

102. (*a*) Works of repairs and alterations to drains and sewers including removal and replacement of 130 manholes frames and covers, lampholes, water entrances, etc., 21 gratings of water gullies, 39 vent-shafts and shifting of water entrances for providing better facilities for cleaning operations wherever necessary were carried out at a total cost of Rs. 17,387-3-0.

(*b*) *Cleaning operations.*—The following table will give an idea of the cleaning works carried out during the year under report :—

Particulars.	Mileage as per last year's report.	Increase during the year.	Total mileage at the end of the year.	Mileage cleaned.	Silt removed (in Tons.)
Pipe sewers	206.77	.09	206.86	120.06	4843.03
Ovoid sewers ..	17.18	..	17.18	1.67	1.13
Storm water drains ..	209.25	.03	209.28	10.44	4461.09

Water Courses.—The water courses were cleaned wherever necessary.

Catchpits.—40 catchpits on ovoid and pipe sewers were cleaned and the silt removed was 3625.34 tons.

Water entrances.—16,329 water entrances including perforated stones were cleaned and opened and closed before and after monsoon respectively.

Street connections.—55,403 street connections were cleaned during the year.

(*c*) **Biological Installation at Banganga.**—This installation was maintained in working order during the year at a cost of Rs. 2,881-9-0.

(*d*) **Ventshafts.**—All the ventshafts on pipe sewer, etc., which number about 961 were maintained and kept in working order.

(*e*) **Cleaning and maintaining open storm water channels.**—The cleaning and maintenance of these channels were carried out at a total cost of Rs. 13,375-1-0 Silt removed from these channels was 12622.22 tons.

(*f*) **Relieving arches at Falkland Road.**—15 rings were constructed and completed during the year at a total cost of Rs. 2,797-3-0.

(*g*) **Extra ordinary repairs.**—Extraordinary repairs due to break downs in the old sewers and S.W. drains were carried out at a cost of Rs. 2,165-6-0.

(*h*) **Sluices.**—27 sluices were operated and maintained at a total cost of Rs. 403-4-0.

(*i*) **Deep Sullage drains in private proprerties.**—49 deep sullage drains in charge of this office were attended to from time to time at a total cost of Rs. 6,681.

FLOODING.

103. Special arrangement was made to alleviate flooding as quickly as possible by posting men in certain selected low lying localities for 24 hours throughout the monsoon to remove kutchra from water gullies open out manholes, etc., and give relief to the Public. The whole arrangement was supervised by two Inspectors.

NEW WORKS.

Departmental and Private Works.

104. Departmental and private works amounting to Rs. 24,416-10-0 (Departmental Rs. 20,915-4-0 and Private Works Rs. 3,501-6-0) were carried out during the year at the cost of various departments and private parties.

DESIGN SECTION.

105. The following statement shows the work done by the Design Section during the year 1945-46 :—

Number of estimates prepared.	Amount of estimates.	Number of estimates revised.	Amount of revised estimates.	Number of estimates checked.	Amount of estimates checked.
522	41,96,481	432	50,48,576	177	13,23,209

516 tracings of Roads and drainage works were prepared and 1,027 blue prints were taken out during the year.

The survey sheets are being maintained with upto-date information regarding sewerage works, street connections and other miscellaneous works.

Improvement of Private Streets.

106. No action under Section 305 or 377 (1-A) was taken for the improvement of Private Streets during year under report in accordance with the general policy laid down by the Standing Committee under Resolution No. 1040, dated the 23rd October 1940.

However as the war has now ended essential improvements cannot be reasonably held up indefinitely. The policy then approved for deferring action has now been altered by the Standing Committee (*vide* Resolution No . 740, dated the 12th August 1945).

107. The recoveries (including interest) made from the house owners during the year for the works carried out in the previous years amounted to Rs. 16,229-5-0.

108. The amendments of certain sections of the Municipal Act referred to in my previous report are still under the consideration of the Corporation.

GENERAL.

109. *Roads.*—Owing to the termination of hostilities there was general improvement in the supply of road materials during the year with the result that many contractors came forward with competetive rates for the supply of materials as well as for carrying out works. As a re ult of this a considerable area of along deteriorated roads could be repaired and brought under normal conditions. Similarly the Municipal Asphalt Plant

which was closed since 1942 for want of asphalt could be restrated during the year and some of asphalt road surfaces waiting for renewal could be attended. The Appendices N and O show the details of areas treatead under different modes of construction. However it will take a few years more to bring all the roads in the City to the pre-war normal standard.

110. *Footpaths.*—During the year under review 1,399 square yards of katcha footpath in different developed localities were paved and 5,244 square yards surface dressed. Owing to the impro ement in the war conditions it will now be possible to give more relief to the fully developed localities if funds are provided on increasing scale year to year.

111. *Lighting.*—The electric lighting in the City was practically brought to the pre-war standard: but owing to the shortage of coal required for coal-gas, the gas lighting in the City was still subject to some restrictions. The improvement of oil lighting in the undeveloped localities like Dharavi was under consideration and the scheme of replacing worn out lamps and also providing some additional lamps was in progress.

112. *Traffic Amenities.*—(*a*) Aids to movement of traffic in darkened streets. The painting of central lines on main arterial roads at the cost of the Commissiner of Police was continued during the year as it helped the regulation of the traffic.

(*b*) *Traffic Islands.*—The work of constructing traffic islans on imporant junctions in the City was in progress according to the list of priority approved by the Traffic Advisory Committee In some cases however the work of constructing traffic islands according to priority was held up pending the work of adding set-backs thereat. A further list of about 50 traffic islands is already submitted to the T. A. C. and is still under their consideration.

113. *Transport difficulties.*—As mentioned in the last report the shortage of transport in the Road Department continued during the year and as a result of this heaps of excavaeted stuff were lying on footpaths for number of days. However, efforts were made to remove the stuff as early as possible by supplying contract lorries which are too costly when compared with Municipal transport.

114. *Labour Problem.*—The maintenance of departmental labour is becoming costlier day by day owing to the tendancy of strike among the labourers. As the turnout by this labour is less the cost of departmental works is increasing labour by contract was found to be economical. However it could be introduced for the present for the stone crushers and asphalt plant only.

115. *Disturbances.*—During the year under report owing to the disturbances on different occasions in the City, heavy damages were caused to several Municipal properties. So far as the Road Department is concerned, a large number of street lamps, roadside tress, tree guards and other properties in charge of various wards and construction chowkies were destroyed or damaged. A claim for the same amounting to Rs. 1,08,246-1-6 as detai ed below has been submitted to Government along with the claims of other Municipal Departments.

	Rs.	a.	p.
(1) Damage done to street lamps (including Electric, Gas and Oil, lamps) aggregating	69,490	12	6
(2) Damage done to roads and other properties in charge of Maintenance Section ..	15,441	8	0
(3) Damage done to Road-side trees and tree guards, etc.	21,530	0	0
(4) Damage done to properties in charge of Construction Section	1,783	13	0
Total ..	1,08,246	1	6

116. *Requisition Buildings.*—Due to the shortage of housing accommodation in the City the Municipal labour staff housed in the requisitioned buildings for A.R.P. purposes during the war, continued to occupy the same buildings during the year on payment of concessional rent on sliding scale. Government have accorded their approval to share the cost of these buildings upto 28-2-1947 when the buildings shall have to be released. The question of finding alternative accommodation for the staff is being considered in consultation with the Government.

V.—REMOVAL OF TOWN REFUSE TO DEONAR.

117. The bulk of town refuse was as usual transported to Deonar in Railway wagons. Two trains consisting of an average of 34 wagons each were despatched to Deonar every day. The total number of wagons sent during the year under report was 22,929 as compared to 21,873 during the last year. Taking an average of 12 tons per wagon, the quantity of refuse removed to Deonar was 2,75,148 tons against 2,62,476 tons during the previous year. The total cost of removal and disposal amounted to Rs. 3,43,075 against Rs. 3,30,476 of the last year, showing a slight de crease of ¼ anna per ton. The rate per ton works out to Rs. 1-3-11 against Rs. 1-4-2 per ton during the preceding year.

Rolling Stock and Permanent Way.

118. There has been no addition to the rolling stock during the current year. The strength of wagons remained the same, *viz.*,181, as in the previous year as detailed below :—

147	Refuse wagons.
19	Silt wagons.
9	Carcass.
6	Brakes.
Total .. 181	

A provision of Rs. 20,000 was made in the Budget for providing 10 new refuse wagons to replace those that have become very old and are kept in running condition at a cost of heavy repairs. But the Railway authorities who were asked to supply new wagons declined to do so on account of paucity of under frames. The Railway authorities are again being requested to take up this work in hand giving it priority on account of its essential nature.

The length of the main Railway line of the Municipal Kutchra Siding is about 6,900 ft.

Repairs and Maintenance of Wagons.

119. The cost of repairs and maintenance of the wagons as well as the sidings at Mahalaxmi amounted to Rs.48,299-10-0 as against Rs. 55,318-14-0 for the previous year when heavy repairs to certain wagons were carried out. The position on the whole is unsatisfactory, as most of the wagons have out-lived their useful life and are required to be replaced by new wagons immediately. Yearly provision is being made in the Budget to replace them during the next 10 years.

Reclamation Work.

120. During the year additional land admeasuring 8 acres was reclaimed. The refuse was also dumped over the land already filled in but which has subsided owing to fire and rains. The total area reclaimed so far is 351 acres out of a total reclaimable area of 823 acres.

Income.

121. The total income realised from various sources, such as cultivation of the reclaimed land, temporary letting out of the portion of the land to Messrs. Anderson Dawn and Co., and to Military authorities, skinning of dead animals and sale of right of fishing, etc., amounted to Rs. 1,01,941-13-0 as against Rs. 86,211-4-0 during the previous year.

Labour Staff.

122. The work of unloading wagons was carried out by Departmental labour housed at Chembur at a cost of Rs. 1,06,950 as against Rs. 1,02,040 in the preceding year. The increase in the cost is due to increase in the quantity of refuse transported to Deonar on accoun of rise in the population of the City. There has been no occasion during the year for any unrest or strike amongst the labour staff and the working of this branch was on the whole satisfactory.

Amenities Provided.

123. The amenities provided in the Labour Camp for the benefit of the staff, such as free medical aid and free primary eduction, welfare centre and gymnasium, were continued during the year. A Maternity Ward with 4 beds has also been provided, but the same did not function for want of complete equipment. The Authorised Ration Shop in the Labour Camp, where all controlled as well as other household articles are sold, continued to work satisfactorily.

Accident, Fire and Derailment.

124. No cases of major fire, Railway accidents or derailment occured on reclaimation during the year. There was one small fire and the dumping operations had to be shifted to other sidings. There were also two cases of minor derailment on account of unequal settlement of the embankment. There was one accident resulting in the death of one labourer while engaged on work. The man, while going from one wagon to the next when removing coir mats, slipped his grip and fell on the edge of the wagon and sustained injury on the abdomen. He was removed to the K. E. M. Hospital where he died after 2 days.

GENERAL.

125. Railway sidings laid by the Military authorities on the reclamation was put into use during the year and the loaded amunition wagons were carried over the Municipal and the Military sidings to the amunition wharf constructed on the outskirts of the Municipal area. The terms of the lease of the land were also settled and the amount of rent is awaited.

126. The scheme for laying a pipe line from Dadar Sewage Purification Plant to Deonar for carrying either effluent sewage or sewage sludge for irrigation of lands belonging to private persons as well as the Municipality at Deonar has been approved by the Corporation, but owing to non-availability of materials due to conditions created by the war, the work could not be taken in hand. It will be undertaken on the return of normal times. The incinerator at Love Grove continued to work during the year and about 2,336 tons of refuse was burnt in it. The question of installing more incinerators in the City with a view to reducing the number of refuse wagons to be sent to Deonar and destroy the refuse locally is under consideration.

127. In the main scheme of the pumping of sewage from Love Grove it has been proposed to send digested sludge to Kurla-Deonar for being composted with refuse. It is proposed to carry out experiments in this connection next year. This will open a new source of income to the Corporation.

B. B. PATKAR,

Offg. City Engineer.

APPENDIX "A"

Statement showing the works provided for in the Budget under **New Works.**

Serial No.	Name of Work.	Amount of Estimate.	Expenditure booked during 1945-46.	Remarks.
		Rs.	Rs. a. p.	
1	Constructing a rubble masonry compound wall with a small wooden door at the Northern end of Bellasis Bridge pipe depot.	457	418 5 0	Work is completed.
2	Providing a hard wash besin with a tap in M. C. A.'s room at Municipal Head Office.	221	209 9 0	Work is completed.
3	Providing a hard wash basin with a tap and Indian pattern soil pan in the South East staircase corner for the use of Staff of M.C.A. at Municipal Head Office.	1,079	...	Work not taken in hand.
4	Providing mild steel bars over the blast walls in the eastern verandah of Health Officer's Department in the Municipal Head Office.	940	661 12 0	Work is completed.
5	Constructing a shed with Mangalore tiled roof for stacking firewood at the Bhoiwada Hindu Cemetery No. 46.	5,345	5 7 0	Work is incomplete.
6	Constructing 3 watchmen's Chowkeys at (*i*) O. P. D. Gate; (*ii*) Office Gate and (*iii*) Nurses' Home Gate at the K. E. M. Hospital.	1,253	1,151 0 0	Work is completed.
7	Levelling and rolling the open space and laying 12" hume pipe drains at the Arthur Road Hospital.	7,745	5,730 12 0	Work is incomplete, and is being carried out by A.E.M.
8	Constructing a double bath room for the ward attendants' chawl at the Maratha Hospital.	2,742	1,404 14 0	Work is completed.
9	Improving water supply to the Dean's Bungalow	913	282 13 0	Work is completed.
10	Providing a recreation ground for G. S. M. College at Naigaum Tank.	8,500	...	Work is being carried out by A.E.M.
11	Removing old unserviceable wrought iron storage tank and providing and fixing new ones, providing soil pans, etc., of the public latrine at Kalachowki Road.	3,129	6 11 0	Work is incomplete.
12	Converting the existing bathing places into urinals at the junction of DeLisle Road and Haines Road.	1,493	36 2 0	Work is incomplete.
13	Providing water taps at the three public latrines at Worli Koliwada Village.	2,878	...	Work is being carried out through P.W. Contractors.
14	Providing a brick masonry chowkey for the use of the sweepers at the public convenience block in Lloyd recreation ground.	1,253	...	Work is not taken in hand
15	Renewing Shahabad stone pavement with cement concrete in the compound of Annesley Road Chawls.	2,907	...	Work is entrusted to P. W. Contractors.
16	Semi-grouting the approach road to Sion N. S. Depot ...	3,053	...	Work is being carried out by A.E.M.
17	Reconstructing a five seated W.C. block in the compound of Health Department chawls at Sukhlaji Street.	3,234	...	Work is entrusted to P. W. Contractors.
18	Construction of certain works at Municipal Labour Camp at Chembur.	2,221	...	Work is being carried out.
19	Providing a brick masonry compound wall and a pale fencing a Stable Street.	7,056	3,403 4 0	Work is incomplete.
20	Constructing a W.C., a washing place and a smlall store room 6'×4 at Jacob Circle Pumping Station.	5,964	...	Work is entrusted to P. W. Contractors.
21	Providing a collapsible gate in the Station Officer's Office at Dadar Fire Station.	332	...	Work is being carried out through M. E.
22	Providing and fixing a permanent weather shade on the first floor of the Officer's quarters at the Colaba Fire Station.	315	298 15 0	Work is completed.
23	Improving water supply for Firemen's quarters at Mandvi Fire Station.	732	350 0 0	Work is incomplete.
24	Providing a W.C. with a urinal for the use of women at the Elphinstone Road Market.	2,029	...	Work is entrusted to P. W. Contractors.
25	Providing a roof cover over the new vegetable squatters area adioining the Elphinstone Road Market.	9,560	...	Work is not taken in hand.
26	Providing 12 sky lights in the roof of the mutton section of the Erskine Road Market.	3,222	...	Work is entrusted to P. W. Contractors.
27	Providing iron bars with hooks on the wooden structures for hanging kena in Heads and Lever Section of Erskine Road Market on stalls Nos. 67 to 92.	556,	...	Work is being carried out by M. E.
28	Paving with cement concrete the open space at the Colaba Market...	1,630	1,548 5 0	Work is completed.
29	Removing C. I. sheets and providing Mangalore tiles over the roof of new mutton section and providing sufficient numbers of glass tiles in the roof of fish section at Fergusson Road Municipal Market	2,241	1,114 7 0	Work is completed.
30	Renewing 2 hydrants in the Arthur Crawford Market	710	695 6 0	Work is completed.
31	Extension of S. P. Sheds—one shed by two rooms and the other by one room—at the Bandra Slaughter Houses.	3,490	...	Work is entrusted to P. W. Contractors.
32	Providing a washing place with two taps at Fergusson Road Market.	1,048	556 15 0	Work is incomplete.
	Total Rs. ...	88 248	17 874 9 0	

APPENDIX "B"

Statement showing the works provided for in the Budget under **Special Repairs.**

Serial No.	Name of Work.	Amount of Estimate.	Expenditure booked during 1945-46.	Remarks.
		Rs.	Rs. a. p.	
1	Oil-painting, etc., walls, wood work, etc., of Estate Agent and Land Manager's Office.	3,056	1,267 3 0	Work is incomplete.
2	Repairs to the venetianed windows includihg replacing the T. W. venetians in C.S.'s quarters by sheet glass panes.	509	477 12 0	Work is incompleted.
3	Repairing pot holes on the roads in the compound of the Haines Road Cemetery.	475	...	Work is being carried out by A. E. M.
4	Providng galvanized iron corrugated sheet walling to the side of the firewood Depot at Hindu Cemetery at Sion.	1,023	...	Work is in progress.
	Oil-painting the walls and wood-work and iron-work, white-washing the ceiling and minor repairs to (*i*) Ward No. 13, Rs. 1,355; (*ii*) Ward No. 14, Rs 994; and (*iii*) Ward No. 15, Rs. 1,007.	3,352	3,260 14 0	Work is completed.

Serial No.	Name of Work.	Amount of Estimate.	Expenditure booked during 1945-46.	Remarks.
		Rs.	Rs. a. p.	
6	Oil-painting the walls and wood-work and white-wahsing ceiling, etc. of (*i*) the Administrative block Rooms, Rs. 1,465 ; (*ii*) the Record Room on the 1st floor over the Administrative Block Rs. 1,521 (*iii*) the Kitchen and the store block Rs. 1,554 ; (*iv*) Dental Department Rs. 773 ; (*v*) Gynaec O.P.D. Rs. 985 ; and (*vi*) Ophthalmic O.P.D. and minor repairs thereto, Rs. 1,440.	7,732	2,993 10 0	Work is incomplete
7	Oil-painting the wood-work and iron-work and colour-washing with necessary repairs to the W.C. and W.P. Block and verandah passage of Staff Quarters No. 2 Rs. 2,617 and (*ii*) Oil-painting the wood-work, iron grills dado-painting and necessary repairs in staff quarters No. 3 Rs. 1,254.	3,868	2,508 15 0	Work is completed.
8	Oil-painting the wood-work of doors and windows and iron grills and white-washing and colour-washing the W.C. and W.P. Blocks of staffQuarters No. 1.	1,276	642 14 0	Work is completed.
9	Oil-painting the wood-work and iron grills, etc., (*i*) at the Assistant Dean's and A.M.O.'s Quarters, Rs. 864 ; (*ii*) in the Casualty Officers' Quarters No. 1, Rs. 1,189 ; (*iii*) in the Casualty Officer's Quarters No. 2. Rs. 824 ; (*iv*) Oil-painting the covered passage leading from R.M. O.'s Quarters to Casualty Officers' Quarters. Rs. 297.	2,873	581 0 0	Work is incomplete.
10	Oil-painting the compound railings and electric poles	859	573 6 0	Work is incomplete.
11	Oil-painting the storage water tanks in the compound and attached buildings.	1,356	148 3 0	Work is incomplete.
12	Oil-painting the wood-work of the New Nurses' Home ...	5,020	7 12 0	Work is incomplete.
13	Oil-painting the walls, wood-work, etc., and white-washing ceilings, in the Main Operation Theatre and adjoining side rooms, etc.	1,419	870 9 0	Work is completed.
14	Oil-painting the walls, wood-work, etc., and white-washing ceilings in the Janmahomed Operation Theatre and adioining side rooms etc.	957	673 9 0	Work is completed.
15	Filling in cracks oil-painting, white-washing, etc., of Minor Surgery and Plaster Room. O.P.D.	580	145 5 0	Work is incomplete.
16	Oil-painting the walls, wood-work, etc., and white-washing the ceiling and Minor repairs, etc., of Ward No. 16.	1,387	946 13 0	Work is completed.
17	Providing and fixing weather shades to the windows of the Nurses' Home.	7,432	230 4 0	Work is incomplete.
18	Repairs to Wards, Nos. 1,2, 3,4, and 7 at Arthur Road Hospital ...	4,293	...	Work is being carried out.
19	Oil-painting to Wards Nos. 9, 10, 11 and 12 at ArthurRoad Hospital	3,387	2,454 7 0	Work is incomplete.
20	Repairs to plaster in walls and wood-work and white-washing etc. the old Nurses' Quarters occupied by clerks	1,955	1,111 12 0	Work is incomplete.
21	General repairs, colour-washing, painting, etc., to Sweepers'Quarters	2,390	...	Work is in progress (Lala Meghraj Banwarilal).
22	Plastering the walls. etc., of Ward No. 9	319	289 0 0	Work is completed.
23	Providing teak-wood staircase in the rear side of the Bellasis Road Maternity Home.	2,167	1,723 3 0	Work is completed.
24	Lowering the Verandah level and shifting the compound gate of the Eye Hospital, Kamathipura to the north-east corner.	500	460 1 0	Work is completed.
25	Oil-painting the doors and windows of the T.B. Clinic at ForasRoad	578	94 13 0	Work is imcomplete.
26	Filling the cracks in walls, ceiling and repairs to plaster patches including R.C.C. hooks around the building, etc., and repairs to door shutters of W. C. blocks and mess rooms of male students' hostel.	4,621	1,674 14 0	Work is incomplete.
27	Oil-painting the doors, windows, staircase railing, iron grills of windows, compound railing, etc., and also polishing the staircase hand rail and entrance door, etc., of the lady Student's hostel.	823	541 6 0	Work is incomplete.
28	White-washing the ceiling, distempering the walls and oil-painting the dado portion of Anatomy Museum.	377	26 5 0	Work is incomplete.
29	Oil-painting the wooden weather-shades, down take pipes and iron water tanks of male students' hostel.	866	529 15 0	Work is incomplete.
30	Oil-painting the compound railing on the college side from the O.P.D. Gate to the gate near the new servants' quarters.	894	292 0 0	Work is incomplete.
31	Oil-painting the W. I. storage tanks and pipes, etc. ...	1,020	175 15 0	Work is incomplete.
32	Oil-painting the entrance hall, walls and ceiling, oil-painting the dado portion in the general corridor on the ground, first and second floors, etc., to the main staircase.	1,377	372 6 0	Work is incomplete.
33	White-washing and colour-washing internally and externally A and B blocks of Arthur Road Chawls.	1,115	499 13 0	Work is incomplete.
34	Repairs to tar concrete pavement in the yard opposite the bullock stables at Parbhadevi G Ward South.	1,035	688 10 0	Work is incomplete.
35	Repairing pot holes in the flooring at the Agripada stables. ...	3,437	3,016 11 0	Work is completed.
36	Internal and external colour washing to Halalkhore Chawls Nos. 42 and 64, Jail Road North.	2,041	1,321 13 0	Work is completed by A.E.M.
37	Renewing the wooden vertical posts and horizontal plates of the corrugated iron sheet compound wall around the N. S. Depot at Parbhadevi.	3,535	953 7 0	Incomplete work carried out by A.E.M.
38	Repairs to Gujar Street Ward Office	958	942 7 0	Work is completed.
39	Renewing cement pointing to set-stone pavements near the Drill Tower in front of Mochis godown and in Engine room of Ambulance Station at Head Quarters, Byculla.	874	619 11 0	Work is incomplete.
40	Renewing the set-stone flooring in workshop and providing glass tiles in the roo f at Byculla Fire Brigade Station.	3,979	...	Work is in progress (Lala Meghraj Banwarilal.)
41	Oil-painting externally the old wood-work of the Officers' quarters at Mandvi Fire Station.	1,757	1,364 15 0	Work is completed.
42	Renewing the roof of old workshop now used as Engine-room at Byculla Fire Station.	1,417	....	Work is in progress (Lala Meghraj Banwarilal.)
43	Repairs, additions and extensions of the 2nd floor of Byculla Terrace including making a door opening on south on ground floor.	3,410	3,239 8 0	Work is incomplete.

Serial	Name of Work.	Amount of Estimate.	Expenditure booked during 1945-46.	Remarks.
		Rs.	Rs. a. p.	
44	Miscellaneous repairs such as renewing plaster, pavements, wood-work, etc., in Chawls, A, B, C, D and F for crews at Headquarters, Byculla.	3,149	1,126 1 0	Work is incomplete.
45	Oil-painting internally and externally to the wood-work of the Firemen's quarters at Mandvi Fire Station	1,414	1,009 12 0	Work is incompleted.
46	Oil-painting and white-washing, etc., to the Firemen's quarters and Lavatory blocks at Dadar Fire Station.	991	898 1 0	Work is incompleted.
47	Painting the angle iron fencing abutting connought Road ...	967	...	Work is in progress (Deptt.)
48	Repairing and oil-painting the existing pale fencing at the Nawab Tank Recreation Ground.	1,978	1,068 11 0	Work is completed.
49	Oil-printing and colour-washing S. M.'s quarters at Arthur Crawford Market.	962	841 6 0	Work is completed.
50	Repairs to the wooden stalls Nos. 129 to 175 in the old vegetable section of the Erskine Road Market.	1,963	...	Work not taken in hand.
51	Oil-painting to the Parbhadevi Market at DeLisle Road ...	635	583 3 0	Work is incomplete.
52	Oil-painting the iron railing surrounding the Arthur Crawford Market.	1,142	797 1 0	Work is completed.
53	Pointing to the Shahabad stone pavement and roughening the surface of floors at Erskine Road Market.	1,654	...	Work is in progress (R. A. Patankar and Co.)
54	(*i*) General Repairs to and Refixing the six iron collapsible gates, of, (*ii*) renewing conodated bottom plate of gate in, and (*iii*) Repairs to the collapsible iron gate attached to the Fruit and Vegeatable Section of the Erskine Road Market.	917	...	Work is being carried on through M. E.
55	Improving the existing drainage arrangements in the DeLisle Road Sheep Market.	816	...	Work is being carried out through A. E. (Buildings)
56	Converting 12 stalls (Nos. 422-427 and 514-519) in Fruit and Vegetable Section of Arthur Crawford Market into rat-proof stalls).	1,971	1,852 8 0	Work is completed.
57	Providing two manholes and renewing some portin of a drain pipe in Arthur Crawford Market.	669	...	Work is being carried out through A. E. Drainage.
58	Works pertaining to previous years and carried out during 1945-46.	1,13,428	67,445 1 0	
	Total ...	2,24,955	1,13,342 13 0	

APPENDIX "C"

Statement showing the works provided for in the Budget under **Loan Works.**

Serial No.	Name of Work.	Amount of Estimate.	Expenditure booked during 1945-46.	Remarks.
		Rs.	Rs.	
1	Extension to dispensary at Arthur Road Hospital ...	18,062	9,263	Work complete.
2	Reconstruction of retaining wall, etc., at Turner Sanatorium ...	56,811	7,896	Do.
3	Extension to Nurses' Home, etc., at Arthur Road Hospital ...	73,095	14,497	Work nearly complete.
4	Renewing flooring and painting, etc. of two front rooms in Victoria and Albert Museum, Byculla.	26,283	17,435	Work complete.
5	Certain additional works at Municipal Market, Worli ...	10,652	104	Partly complete.
6	Construction of a Public Convenience at Tank Bunder, Mazagaon...	7,501	5,809	Work complete.
7	Construction of a Public Convenience at King Edward Road, Sewri.	7,670	...	The work could not be undertaken as the site thereof is proposed to be altered.
8	Construction of a Public Convenience at Sion Circle ...	16,884	...	Do. do.
9	Construction of 2 sheds for storing chlorine—One at Dadar Purification Works and the other at Matunga Pumping Station.	18,622	6	Work in progress.
10	Additions and alterations in V. D. Clinic Building at Bellasis Road, Byculla.	44,705	76	Tenders for the work already disposed and the work will be undertaken immediately in the ensuing financial year 1946-47.
11	Construction of a cement store shed at Municipal Bellasis Bridge Pipe Depot.	48,989	57	Tenders for the work already disposed and the contract is underpreparation.
12	Providing under ground-drains in the compound of Bandra Slaughter House.	14,894	1,994	Work complete.
	Total ...	3,44,168	57,137	

APPENDIX "D"

List of regular lines of streets, prescribed or proposed to be prescribed or revised, to suit the requirement of modern traffic :—

Prescribing regular line of street etc.

(1) Prescribing regular line at the junction of Bapty Road and Falkland Road near tramway shed under Section 297(1)(*a*).

(2) Prescribing regular lines of Mutter galli off Shaikh Memon Street under Section 297(1)(*a*).

(3) Prescribing 5' radius curve at the junction of New Nagpada and Dimtimkar Road and 40' radius curve at the junction of Duncan Road and Bellasis Road.

(4) Prescribing 20' radius northern curve at the junction of Morland Road and Sankli Street in frons of C. S. No. 1661.

(5) Prescribing 12′ radius curve at the junction of Reynolds Road and Morland Road in front of Ruby Lodge C.S. No. 6/1659.

(6) Prescribing regular line on the north of Elphinstone Road from its junction with Suparibaug Raod and Dadar Road to C.S. No. 7.

(7) Revising regular lines at the junction of Vithalbhai Patel Road and Thakurdwar Road from C.S. Nos. 421 to 414, Thakurdwar Road and Kumbhartukda Lane from C.S. No. 2300 to 2301 and 20′ radius curve on C.S. No. 2321 at the junction of Kumbhartukda Lane and Bhuleshwar Street.

(8) Revising regular lines on Elphinstone Road from C.S. No. 9/74 to its junction with DeLisle Road and Gokhale Road.

(9) Revising 100′ regular lines on Fergusson Road.

(10) Revising 60′ regular lines on proposed Foras Road at its junction with Tulsi Pipe Line Eastwards to a distance of 235′ on the north and 250′ on the south side in front of C.S. No. 1/1532, 882 and 841.

(11) Revising 130′ and 160′ regular lines on Elphinstone Road from its junction with Suparibaug Road to its junction with DeLisle Road and Gokhale Road and a portion of New Parbhadevi Road and on south side of New Parbhadevi Road opposite Crown Mills upto a length of about 142′ from its junction with DeLisle Road.

(12) Revising 50′ regular lines at Dhobi Talao 3rd Lane between Trinity Street and Girgaum Road.

(13) Revising 50′ regular lines on Sun Mill Lane between Fergusson Road and Tulsi Pipe Line.

(14) Revising regular line on proposed Foras Road at its junction with Tulsi Pipe Line.

(15) Proposed Road lines off Telway on C.S. Nos. 1521, 1522, 1523 and 1527 of Bhuleshwar Division under Section 291.

(16) Proposed road between Khotachiwady and Sadashiv Street under Section 291(*a*) and curve at Khotachiwady in front of C.S. Nos. 1326 and 1306 of Girgaum Division under Section 291(*a*)

(17) Proposed 40′ road between Pimpalwady Cross Lane and Khattaralli Lane.

(18) Proposed 40′ road between Fanaswady and Anantwady in the property bearing C.S. No. 1762 of Bhuleshwar Division and from Anantwady to northwards on C.S. Nos. 1756, 1755, 1754, 1744, 1745, 1743 and 11/1739 under Section 291.

APPENDIX "E"

Enforcement of Building Regulations.

Statement showing the result of the proceedings taken against House-owners for non-compliance with requisitions under various Sections of the Municipal Act.

Section of the Act.	No. of prosecutions.	No. ofcases withdrawn or complied with.	No. of cases in which parties were warned and discharged.	No. of convictions.	No. of postponements during the year 1945-46.	Amount of fines.
						Rs. a. p.
231	53	31	1	8	13	161 0 0
243(2)	3	3	..	..	..	..
257	184	117	1	49	17	850 8 0
258	2	1	..	..	1	..
258-A	2	2	..	..	..	..
259-A	7	3	..	2	2	15 0 0
297(3)	2	..	..	..	2	..
304	1	..	..	..	1	..
308	124	24	1	34	65	615 0 0
311	1	1	..	..	..	..
312	2	..	..	..	2	..
322	1	..	..	1	..	100 0 0
337	657	146	..	120	391	2,727 4 0
342	192	64	2	16	110	..
347	11	2	..	..	9	677 8 0
347-A	25	12	..	4	9	225 0 0
349	36	16	..	3	17	15 0 0
349-B	2	..	..	1	1	..
353	9	1	..	..	8	164 0 0
353-A	79	26	..	16	37	981 4 0
354	571	171	1	69	330	3,487 0 0
356	7	1	..	..	6	70 0 0
377-A(1)	30	13	..	5	12	320 0 0
383	1	..	..	..	1	..
507	4	2	..	1	1	10 0 0
	2,006	636	6	329	1,035	10,418 8 0
	Add—The amount of fines of old postponed cases inflicted during 1945-46.					3,395 0 0
					Total	13,813 8 0

APPENDIX "F"

Salient features of the working of the Dadar Sewage Purifications for the year 1945-46 :—

(1)	Sewage Treated		3753.88 Million Gallons.
(2)	Grit removed		101,315 Cubic Feet.
(3)	Screening removed		5,472 do.
(4)	Sludge to Consolidated Tank		34,522,000 Gallons.
(5)	Sludge to Digestion Tank		18,250,000 do.
(6)	Dry matter added to Digestion Tank		8,101,650 Lbs.
(7)	Volatile matter to Digestion Tank		4,289,450 do.
(8)	Digested sludge removed		2,600,000 Gallons.
(9)	Total Gas generated		20,868,100 Cubic Feet.
(10)	Gas per gallon of sludge added		1.14 do.
(11)	Gas per lb. of dry matter added		2,576 Do.
(12)	Gas per lb. of volatile matter added		4,865 do.
(13)	Gas per 1,000,000 gallons of Sewage treated		5,559 do.
(14)	Total Electric consumption		747,470 K.W.H.
(15)	Horse Power required per million gallons of sewage treated		11.06
(16)	Total expenditure—		Rs. a. p.
	(1) Electric Power		32,983 14 0
	(b) Salaries and wages paid		28,663 14 0
	(c) Materials and supplies (Laboratory included)		4,884 3 6
	(d) Miscellaneous		9,226 0 0
		Total	75,757 15 6
(17)	Returns—		
	(a) Sale of Gas		39,197 10 0
	(b) Sale of Manure		725 0 0
(18)	Cost per million gallons of Sewage treated.		
(19)	Analytical Data :—		

	Sewage.	Purified Effuent.
4 Hours Oxygen absorption	8.57	.62 p.p. 100,000.
Suspended solids	50.85	3.07 do.
Dissolved oxygen	..	0.113 do.
B. O. D.	298.8	22.79 P.P.M.

APPENDIX "G"

Ten years' summarised data of Dadar Purification Works:—

Particulars.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.	1941-42.	1942-43.	1943-44.	1944-45.	1945-46.
(1) Sewage treated in millions	902.40	791.00	2293.81	3299.81	3731.13	4158.57	3607.86	4,558.11	4,057.48	3,753.88
(2) Grit and Screenings removed in Cubic Feet ...	175,950	58,390	149,837	131,825	134,377	141,696	133,890	122,228	120,016	106,787
(3) Sludge to Digestion Tank in Gallons ...	Not working.	11,001,300	17,530,000	16,635,000	13,250,000	18,250,000	18,250,000	18,020,000	18,250,000	18,250,090
(4) Digested sludge removed in Gallons ...	Do.	1,100,000	2,44,5000	2,364,000	26,50,000	2,600,000	2,300,000	1,700,000	2,400,000	2,600,000
(5) Total Gas generated in Cubic Feet ...	Do.	10,160,000	19,040,000	20,748,900	24,973,500	25,367,900	24,449,000	22,649,700	22,907,920	20,868,100
(6) Electric units consumed in K.W.H.	...	451,530	718,748	706,359	679,910	750,380	739,743	910,110	921,450	747,470
(7) Electrical expenses ... ... Rs. ...	...	18,526	27,201	25,218	21,113-8-0	23,189	31,525	40,090	38,405	...
(8) Total cost of maintenance ... ... Rs. ...	28,400	48,545	64,768	62,192.	66,629	69,178	98,338	124,834	124,692	...
(9) Gas supplied to K. E. M. and other Hospitals and Institutions and staff quarters.	Digestion Tank not constructed	Sludge gas generated was all burnt to waste.	4,323,800	49,08,300	52,57,100	52,53,600	65,37,200	79,29,600	1,0,142,450	1,28,45,700
(10) Income from Gas supplied to the Hospitals, Institutions and Staff quarters.	...	...	12,971	14,725	15,771	16,059 12-0	20,047-15-0	24,234	30,357-3-0	39,197-10-0

APPENDIX "H"

INSPECTION OF FACTORIES, WORKSHOPS AND WORK-PLACES.

The following table shows the number of new proposals for permits and licenses received and recommended, number of nuisance cases attended to and action taken under Section 392 of the Municipal Act:—

Ward.	New proposals for		Recommended.		Factories working without permits.	Nuisance cases.	Notices issued under Section. 392.
	Permits.	Licenses.	Permits.	Licenses.			
A ..	30	8	30	8	..	4	..
B ..	14	7	14	7	..	4	..
C ..	19	5	19	5	..	12	..
D ..	111	11	111	11	..	6	..
E ..	165	22	165	22	..	7	..
F ..	52	13	52	13	..	1	..
G ..	44	15	44	15	..	2	..
Total ..	435	81	435	81	..	36	..

Total number of permit and license cases inspected and disposed of during the year 1945-46 was 516.
Nuisance cases were attended to and necessary steps taken.
Surprise visits were also paid to several factories to find if these were permitted or otherwise.
Total number of cases inspected during the year 1945-46 was 552.
Each factory, workshop and work-place was inspected on more then three occasions.

APPENDIX "I"

Statement showing road, footpaths, drains and sewer works executed by contract during the year 1945-46:—

Serial No.	Name of Work.	Name of Contractor and Standing Committee Resolution.	Contract amount.	Actual expenditure including establishment charges during 1945-46. (booked).	Total expenditure upto 31st March 1946.	Remarks.
			Rs.	Rs.	Rs.	
1	Construction of 42" pipe sewer in Arthur Road between DeLisle Road and Jacob Circle.	Mr. K. G. Kermani. S. C. R. No. 1384 of 22-12-41 and 1096 of 4-11-42.	1,40,885	16,073	1,34,114	Complete. Accounts adjusted.
2	Providing subsidiary sewer in Gowali Chawl Lane.	Messrs. Nagji Narsi & Bros. S. C. R. No. 1274 of 29-11-44.	30,752	13,397	13,457	Work completed Acccounts are to be adjusted.
3	36" Gravitation sewer along the open channel drain from 1400' south of Lady Hardinge Road.	Messrs. Nagji Narsi &Bros. S. C. R. No. 1646 of 17-1-45.	1,29,818	43,228	43,298	Incomplete.
4	Construction of a sewer of 36" diameter at Fergusson Road from the toe of the bridge to Tulsi Pipe Line Road.	Messrs. D. K. Matiwala & Co. S. C. R. No. 124 of 25-4-45.	1,51,368	31,127	31,127	Do.
5	Construction of a 36" diameter sewer in Tulsi Pipe Line Road from the proposed pumping station at Fergusson Road to 42" sewer in Haines Road.	Messrs. Gagrat & Co. S. C. R. No. 474 of 18-7-45.	1,38,174	77	77	Do.
6	Widening the existing Kelewadi Lane to 20' and extending it to meet Queen's Road just in front of Charni Road Railway Station.	Mr. Abdeally S. Shaik Adam S. C. R. No. 175 9-5-45.	25,835	4,666	4,666	Do.
7	Providing cement concrete slabs and other incidental works along Maulana Abdul Gafoor Road at Worli.	Tender rejected as per M. C's sanction No. W.M. 566, dated 19-5-45.		130	130	The tender was rejected by M. C. under No. W.M. 566 dated 19-5-45.
8	Construction of a building for housing the Standby Electric Generating Plant at Dadar Purification Works.	Messrs. Lallubhai & Co. S. C. R. No. 236 of 31-5-45.	40,911	...	...	Incomplete.
		Total ...		1,08,698	2,16,879	

APPENDIX "J"

Statement showing road, Drainage and other works carried out departmentally during 1945-46 :—

Serial No.	Name of Work.	Actual expenditure including establishment charges during 1945-46 (booked).	Total expenditure upto 31st March 1946.	Remarks.
		Rs.	Rs.	
	Mahim Park.			
1	(1) Filling in depression and levelling at Shivaji Park	6,658	15,258	Incomplete.
	(2) Shifting the existing fountain and a tap at Shivaji Park	...	689	Comlplete.
	(3) Providing public conveniences at Shivaji Park	266	266	Incomplete.
	Mahim Over-bridge Scheme.			
2	Concreting the Access Road to the arches (north and south of Mahaluxmi Over-bridge east approach) and the passage under one of the arches of Mahaluxmi Over-bridge to connect the approches including lighting.	...	7,198	
	Mahim Development Scheme.			
3	Construction of 50' road including S.W. drain, footpath and lighting on the south of Paradise Talkies in Mahim Development Scheme No. IV.	406	2,452	Complete.
4	Concreting 15' width of carriageway at Woollen Mill Lane in Mahim Development Scheme No. VII.	...	16,718	Do.
5	Construction of 50' road on the north of plots Nos. 11, 12, 13 and 23 N.S. 1402 with sewerage and S.W. drainage arrangements, pavement of footpaths and lighting in Mahim Development Scheme No. VII.	9,928	24,042	
6	Providing S.W. drain and cement concreting the 30' passage leading to Bal Govind's wadi off 'Y' Road in Mahim Development Scheme No. VII.	2,192	2,192	
	Construction of water gullies on various roads in the City.			
7	(1) Providing new type of water entrances in place of old perforated one at Kalbadevi Road.	5,905	7,308	
	(2) Providing new type of water entrances in place of old perforated one at Khandia Street.	714	714	
	(3) Do. do. do. do. Undria Street ...	93	93	
	Renewal of old masonry S.W. drains in the City.			
8	(1) Renewal of S.W. drain along Pydhonie Road at its junction with Mahomedali Road and Memonwada Road.	7,186	11,065	
	(2) Renewing masonry S.W. drain along Bapty Road between Falkland Road and Arab Lane.	11,707	11,707	
	Renewing or remodelling the old subsidiary S.W. drains in the City.			
9	(1) Laying S. W. drain in Khoja Street	...	8,152	
	(2) Do. do. in Garibdas Street	153	6,622	
	(3) Do. do. in Samuel Street	33,900	33,900	
	Works in connection with the removal of the surcharged condition of sewers in the City.			
10	(1) Construction of a sump well pumping station at Jacob Circle... ...	1,910	83,075	
	(2) Laying a 36" C.I. rising main from Jacob Circle to Haines Road ...	1,252	94,499	
	(3) Making connection from the existing sewer and S.W. drain to the sump well	Credit. ...	12,322	
	Renewal of surfaces of roads for which no Renewal Fund exists.			
11	(1) Renewing the surface of a portion of Dhobi Talao junction ...	9,543	9,543	
	(2) Do. do. of Bori Bunder junction ...	4,757	4,757	
	(3) Providing 10' C.C. strip of either side of Lady Jamshedji Road from Woollen Mill Lane to Mahim Bazaar Cross Road.	16,422	16,422	
	(4) Providing 6' C.C. slabs for Globe Mill passage	26	26	
	(5) Providing 6' C.C. slabs for Portuguese Church Street junction Gokhale Road	24	24	
	Providing traffic amenitis such as— *(b) Traffic Islands.*			
12	(1) Channelising island at the junction of Fort Street and Hornby Road ...	288	1,042	
	(2) Construction of traffic island at Tilak Bridge	4,776	5,515	
	(3) Do. do. and channelising islans at the junction of Love Grove Road Fergusson Road, Haines Road and Road leading to B.D.D. Chawls.	...	595	
	(4) Channelising island at the junction of Forjett Street, Tardeo Road ...	176	360	
	(5) Construction of traffic island at the junction of Arthur Road and Parel Chawl Road.	433	433	
	(6) Do. do. junction of Warden Road Nepean Sea Road and Gowalia Tank Road, etc.	746	647	

Serial No.	Name of Work.	Actual expenditure including establishment charges during 1945-46. (booked).	Total expenditure upto 31st March 1946.	Remarks.
		Rs.	Rs.	
	Filling in certain low lying lands in the City			
13	(1) Levelling and cutting high land of playground junction of Naigaum Cross Road and Vincent Road and removing the excavated stuff.	...	4,327	
	(2) Cutting high portions of land at Gopi Tank, spreading and dumping the excavated stuff into low lying portion of the Tank.	....	4,744	
	(3) Filling in low lying land at Dhobiwada Ground	12,877	12,877	
	Providing underground S. W. drains in lieu of the eisxting open side drains in the City.			
14	Providing underground drainage arrangement at Bhoiwada Road ...	.....	6,156	
15	*Construction of 40' Road between Sayani Road and Khed Gully including paving footpath and lighting.*	878	20,046	
	Construction of footpaths where no footpathexists.			
16	(1) Construction of footpath along Lamington Road between Grant Road and Tribhuvan Road.	15,862	15,862	
	(2) Construction of footpath including S.W. drain at Gowalia Tank ...	12,507	12,507	
	Renewal of surfaces of roads taken over from Ex. Trust.			
17	(1) Renewing C.C. 10' strip of Victoria Garden Road east side from Cannought Road to Kalachowkie Road.	3,954	41,142	
	(2) Renewing the central portion of Victoria Garden east side from Connought Road to Kalachowkie Road with sheet asphalt.	60,769	60,769	
	Laying sewers in certain roads where no sewer exists.			
18	(1) Laying pipe sewer in Victoria 2nd Cross Lane	383	4,082	
	(2) Do. in Mahalaxmi Street Wadi Bunder ...	3,423	4,483	
	(3) Do. in King Edward Road from its junction with New Sewri Road.	317 (Credit).	4,196	
	Providing S.W. drains in certains roads in the City where no S.W. drains exist.			
19	(1) Laying S.W. drain in Burrows Cross Lane	757	2,965	
	(2) Laying 12" S.W. drain in Dhakji Prabhu Lane	549	8,410	
20	*Construction of 40' Road in Palton Road Scheme*	1,445	26,134	
	Renewing the old air and sealed sewage mains in the City.			
21	(1) Renewing the 12' sealed sewage main at Warden Road ...	10,032	22,842	
	(2) Do. 15' do. of the DeLisle Road Ejector ...	4,234	24,269	
	Permanent construction of narrow bye-lanes in the City.			
22	(1) Concreting Kolbat Wadi 1st Cross Lane	4,489	6,290	
	(2) Concreting 1st Popal Wadi	7,812	12,552	
	(3) Do. Chakla Cross Lane	146	3,841	
	(4) Do. Bhaskar Lane	2,244	5,039	
	(5) Do. Burrows Cross Lane	664	4,080	
	(6) Do. Bhat wadi 2nd Cross laane	3,386	4,556	
	(7) Do. Bhandari 1st Cross Lane	2,197	2,197	
	(8) Do. Falkland Road 4th Cross Lane	3,559	3,559	
23	*Construction of the floculatortank at Dadar Purification Works*	16,624	19,037	
24	Cement concrete encasing to the girders of the final settlement tanks at D. P. Works and guniting Aeration Tanks and C. F. S. Tank.	295	295	
25	Filling and pitching the sides of Dharavi Road to prevent the damage done to Road by the action of sea waves.	13,625	13,625	
	XV.—Slum Service.			
	Construction of drains and filling in S. W. channel from Fergusson Road to Hiaines Road.			
26	Easing the allpe of the pitching of the open channel at the junction of the old and new channel at Haines Road.	....	....	
	Remaking roads in accordance with demands of heavy traffic.			
27	(1) Providing 6' C.C. over the portion of Tilak Bridge	28,251	28,251	
	(2) Renewing the road surface at Khodadad Circle with 6' C.C.	1,017	1,017	
		3,27,558	7,57,688	
	Credit ...	1,569		
		3,25,989		

APPENDIX "K"

Statement showing footpath works carried out departmentally during 1945-46 :—

Serial No.	Name of Work.	Mode of construction.	Actual expenditure including establishment charges during 1945-46.	Total expenditure upto 31st March 1946.	Remarks.
			Rs.	Rs.	
1	Paving footpath along the west side of Lady Jamshedji Road from the junction of Balamiya Lane upto Miya Mahomed Chhotani Road.	Blue stone pavement.	16,670	23,585	Incomplete.
2	Paving footpath along the east side of Lady Jamshedji Road from the junction of Mori Road upto Mia Mohamed Chhotani Road.	Do.	6,456	15,991	Do.
	Total ...		23,126	39,576	

APPENDIX "L"

Statement of works carried out departmentally in different Ex-Trust Schemes during 1945-46 (Budget B.)

Serial No.	Description of the Work.	Sanctioned Amount.	Expenditure during 1945-46. (Booked).	Total Expenditure upto 31st March 1946.	Remarks.
		Rs.	Rs.	Rs.	
	Schedule "W"—*Land.*				
1	Construction of the proposed road behind plot Nos. 1A and K including drainage and lighting arrangements.	44,594	450	38,037	Complete.
2	Construction of s. w. drain to the east of Plot No. 4	16,428	1,970	13,560	Do.
3	Filling in the open S.W. drain in front of Plots Nos. 1 and 2 ...	6,629	168	3,318	Incomplete.
	Scheme No. 5.—*Dadar-Matunga Estate.*				
4	Colstruction of Road in front of Plot No. 143	13,774	942	3,389	Do.
	Scheme No. 6.—*Sion-Matunga Estate.*				
5	Construction of Road No. 20 with drainage and lighting arrangement ...	27,138	111	24,757	Complete.
6	Construction of Road No. 22 with drainage and lighting arrangement ...	34,607	372	23,019	Incomplete.
7	Construction of the eastern carriageway of Kingsway Road No. 26B connections from the southern boundary of Scheme No. 6 including portions below th bridge on the Harbour Railway upto the junction with northern end of Road No. 30 including drainage and lighting arrangements.	21,014	3,349	18,512	Do.
8	Construction of Road No. 15 between Roads Nos. 30 and 29 including drainage arrangements.	13,933	300	13,038	Complete.
9	Construction of Road No. 16 between Roads Nos. 30 and 26B, Kingsway including drainage and lighting arrangements.	25,617	500	18,682	Incomplete.
10	Construction of Road No. 24C including drainage and lighting arrangements.	13,208	750	2,981	Do.
11	Construction of Road No. 32 between Roads Nos. 16 and 20 including drainage and lighting arrangement.	56,360	12,876	48,726	Do.
12	Laying kerbstones including drainage and lighting arrangements for Road No. 30.	48,586	11,572	38,629	Do.
13	Providing 9' pipe sewer in Sion Road north of 0 to drain plots Nos. 90 to 93 and 88 to 89.	10,592	200	10,127	Complete.
14	Construction of 40" Road No. 27 between Roads Nos. 4 and 8 including drainage and lighting arrangements.	21,139	300	14,604	Incomplete.
15	Construction of road No. 31 including drainage and lighting arrangements.	38,583	10,897	35,523	Do.
16	Providing drainage arrangement for the area between the Harbour Branch Railway and the Mahim Loop.	9,537	6,694	6,694	Do.
17	Construction of 40' Low Level Road to the south of the proposed Railway overbridge approach.	16,305	2,498	14,785	Complete.
18	Construction of Road No. 24A including drainage and lighting arrangements.	24,455	300	9,524	Incomplete.
19	Construction of Road No. 24B including drainage and lighting arrangements.	8,889	525	6,429	Complete.
20	Remodelling the alignment of Road and footpaths round the centre at Kingsway near plots Nos. 94, 89 and 89B.	3629	1,874	3,566	Do.
21	Construction of Road No. 31A including drainage and lighting arrangements.	25,753	4,502	22,880	Incomplete.
22	Construction of Flank Road	34,848	5,137	9,446	Do.
23	Construction of 15' passage between Roads Nos. 31 and 31A ...	2,543	1,988	1,988	Do.
24	Cutting and levelling the area to the east of Sion Fort for the proposed cremation ground and plot for industry and levelling and filling in the site of the playground in front of R. C. Cemetery.	78,678	11,677	47,490	Do.
25	Expenses on account of sale of quarry materials	2,400	1,380	1,380	Complete.
	Scheme No. 29.—*Nowroji Hill Estate.*				
26	Laying out the recreation ground in Plots Nos. 67 to 71 and 75 to 78 ...	22,356	4,316	14,190	Icomplete.
	Scheme No. 32.—*Agripada Estate.*				
27	Laying out the recreation ground betwen Cirrus Avenue and Souter Street.	15,000	629	8,110	Incomplete.

Serial No.	Description of the Work.	sanctioned Amount.	Expenditure during 1945-46. (Booked).	Total Expenditure upto 31st March 1946.	Remarks.
		Rs.	Rs.	Rs.	
	Scheme No. 52.—*Worli.*				
28	Concreting 40′ Road No. 11 between Road Nos. 100′ Worli Road and Road No. 5B.	21,605	400	15,412	Incomplete.
29	Providing dry rubble pitching (Retention Case) round temple ...	734	27	720	Complete.
	Scheme No. 57.				
30	Construction of Road No. 15 from the junction of Road No. 4 to Road No. 18.	1,02,547	22,514	43,868	Incomplete.
31	Construction of Roads Nos. 1, 1A and 10 between the existing Matunga Road, the proposed Road No. 14A and the junction of Roads Nos. 10, 14A and 15 including drainage and lighting arranements.	51,090	18,533	42,705	Do.
32	Construction of Road No. 14A including drainage andl ighting arrange-ment.	44,175	11,876	24,584	Do.
33	Construction of Road No. 7 to the south of the Khalsa College including drainage and lighting rrangements.	1,15,251	24,477	76,887	Incomplete.
34	Construction of Road No. 16 including drainage and lighting arrange-ments.	29,993	727	23,769	Do.
35	Construction of Road No. 7A including drainage and lighting arrange-ments	27,057	906	12,399	Do.
36	Construction of Road No. 19A including drainge and lighting arrange-ments.	12,749	258	8,730	Do.
37	Widening of Jerbai Wadia Road	17,055	131	2,424	Do.
38	Construction of Road No. 18 including drainage and lighting arrange-ments.	7,950	250	7,274	Complete.
39	Construction of Road No. 17A.	4,628	2,075	2,450	Incomplete.
40	Providing sewerage arrangements in Katrak Road and Matunga Road ... ments.	92,836	25,160	37,491	Do.
41	Construction of Road No. 23 including drainage and lighting arrange-ment.	21,739	15,130	15,130	Incomplete.
42	Construction of Road No. 24 including drainage and lighting arrange-ment.	26,348	2,800	2,800	Do.
43	Widening Matunga Road between Roads Nos. 7 and 18 ...	25,498	15,704	15,704	Do.
44	Filling in low lying land between Road Nos. 21, 23,33A and 37		28,294	31,751	Do.
	Scheme No. 58.—*Worli Extension.*				
45	Cutting of the Western slope of the Worli Hill and the site of the proposed 50′ Road parallel with Sea Face Road.	1,30,853	2,789	55,242	Do.
	Scheme No. 60.—*Naigaum.*				
46	Construction of Roads Nos. 13A, 13B, 13C with Lighting and under-ground works.	22,789	10,413	22,566	Do.
	Scheme No. 72.—*Tripartite Road.*				
47	Construction of Road including drainage and lighting arrangements ...	1,37,696	9,279	1,05,111	Do.
	Total ...		2,77,320	10,00,301	

APPENDIX "M"

Statement of words carried out by contract in different Ex-Trust Schemes during 1945-46 (Budget B).

Serial No.	Description of Work.	Name fo Contractor and Standing Committee Resolution No.	Contract Amount (Tendered Amount.)	Actual expenditure including establishment charges during 1945-46. (Booked).	Total expenditure upto 31st March 1946.	Remarks.
			Rs.	Rs.	Rs.	
1	Excavating trenches for laying an ovid sewer in Road No. 15, Scheme No. 57, Sewri-Wadala.	Messrs. Prabhat Construction Co., S. C. R. No. 216 of 19-5-1944.	45,479	23,160	23,160	Incomplete.

APPENDIX "N"

Serial No.	Kind of Road.	Mileage at the Beginning of the year.	Mileage at the End of the year.	Total area at the Beginning of the year.	Total area at the End of the year.	Area repaired during the year 1945-46.	Expenditure for repairs and maintenance in the year 1945-46.	Average per 100 Sq. ft.	Remarks.
				sq. yds.	sq. yds.	sq. yds.	Rs.		
1	Water bound roads ...	5.910	5.910	1,00,533	99,657	1,246	2,834	25.18	
2	Bituminous roads ...	171.246	171.077	3,187,333	31,86,388	1,95,823	3,68,344	20.90	
3	Sheet asphalt roads ...	51.910	51.910	1,193,538	193,538	18,096	2,47,797	152.1	
4	Concrete Roads ...	25.975	28.832	4,43,667	4,93,007	9,128	96,095	116.2	
5	Set paved roads ...	9.664	9.664	1,59,310	1,59,310	238	1,714	21.00	
	Total ...	264.705	267,093	50,84,401	51,31,900	2,24,531	7,16,784		
6	Katcha footpaths ...	*41.020	39,300	*5,36,316	5,26,391	22,040	8,636	4.35	
7	Road Watering ...	...	...	...	...	83,225	14,476	1.9	
	Total ...	305.725	306.693	56,20,717	56,58,291	3,29,796	7,39,896		

*These figures have since been corrected.

APPENDIX "O"

Statement showing the work carried out from the Renewal of Road Surface Fund during the year 1945-46:—

Serial No.	Name of the work.	Mode of construction.	Sanctioned amount.	Actual amount of expenditure booked during 1945-46.	Total expenditure upto 31st March 1946.	Remarks.
			Rs.	Rs. a. p.	Rs. a. p.	
1	Renewing the sheet asphalt surfaces of Foras Road from Falkland Road to Bellasis Road.	4" concrete on existing cement concrete bedding.	439,432	19,278 13 0	46,438 2 0	
2	Renewing the surface half width of Bhend Bazar between Sandhurst Road and Mahomedally Road.	4" cement concrete ...	32,942	16,056 4 0	29,860 14 0	
3	Renewing the surface of Falkland Road between Lamington Road and Grant Road.	Cement concrete ...	35,683	18,263 4 0	30,363 5 0	
4	Renewing the surface half width at Grant Road between Lamington Road to Falkland Road.	Do. ...	32,058	24,953 13 0	30,346 5 0	
5	Renewing the surface of Mazgaon Road to Wadi Bunder Road.	4" cement concrete ...	32,940	12,038 15 0	31,251 7 0	
6	Renewing the surface of Arthur Road between Tulsirampada junction to Parel Chawl.	4" cement concrete, 10' c.c. strip on either side.	11,561	8 844 4 0	8,844 4 0	
7	Renewing the surface of Grant Road half width both sides between Lamington Road and Falkland Road.	3" sheet asphalt ...	38,947	27,526 3 0	27,526 3 0	
8	Renewing 10' strip at Grant Road both sides from Falkland Road to Sukhalaji Street.	4" cement concrete ...	10,749	1,069 1 0	1,069 1 0	
9	Renewing the strip of sheet sasphalt of Grant Road both sides from Falkland Road to Sukhalaji Street.	3" sheet asphalt ...	14,607	178 2 0	178 2 0	
10	Renewing the surface of Byculla Bridge junction from Bridge junction to Haines Road.	Do. ...	18,449	15,875 3 0	15,875 3 0	
11	Renewing the surface at Jacob Circle ...	4" cement concrete ...	24,505	15,815 4 0	15,815 4 0	
12	Renewing the surface at Falkland Road between Golpitha and Grant Road.	Do. ...	31,158	4,782 14 0	4,782 14 0	
13	Renewing the surface at Grant Road from Trimbak Parshuram Street to Duncan Road both sides and from Duncan Road to Parel Road north side.	Do. ...	42,599	12,130 0 0	12,130 0 0	
14	Renewing the surface at Babula Tank Road from its junction with Mazgaon Road to that with Victoria Garden Road.	Do. ...	35,328	9,715 15 0	9,175 15 0	
15	Renewing the surface from the toe of Arthur Road east approach with its junction with Tulsirampada Road to Parel Chawl Road junction.	3" sheet asphalt ...	22,444	19,048 11 0	19,048 11 0	
16	Renewing the surface at Elphinstone Road from the eastern end of the bridge to junction with Sayani Road.	4" cement concrete ...	50,002	1,460 3 0	1460 3 0	
		Total ...		2,07,046 13 0	2,84,905 13 0	

ESTATES & LAND MANAGEMENT.

Administration Report for the year 1945-1946.

NEW SCHEMES.

Progress of New Improvement or Street Schemes taken up after the amalgamation of the Trust with the Municipality.

Scheme 74—Sion-Overbridge Improvement Scheme.

Acquisition of all the properties in the scheme has now been completed. Possession of property in Case No. L.A.Q./38/1 has been taken on 9th November 1945.

Scheme 57—Bhoiwada (South).

Negotiations for acquiring the Government passages at a nominal compensation of Re. 1 are in progress so that surplus land in this Scheme can be disposed of.

Scheme 76—Lohar Gully, Wanzawadi, Mahim.

With a view to acquiring the land for the improvement of the area around Lohar Gully and Wanzawadi a notification under Section 354-C (1) (*ii*) of the Municipal Act has been issued and further notification under Section 354-E(2) of the Municipal Act will be issued as additional area has been included in the Scheme.

Slum service and Clearance.

(1) *Scheme for the extension of Kelewadi Lane.*—The position in respect of the acquisition of properties is as stated below :—

(*a*) C. S. No. 31. } Joint measurements have been taken. The Trustees of the Armenian Church have obtained the order
(*b*) C. S. No. 33. } of the High Court to sell the land in C. S. Nos. 31 and 33. Draft Conveyance is being prepared by the Legal Assistant.

(*c*) C. S. No. 34. Joint survey has been made. The tenants have vacated and the obstructive structures pulled down. Charge of this piece of land is being taken.

(*d*) C. S. No. 36-37. Charge of land in C. S. No. 36 has been taken. The work of erecting compound walls in C. S. No. 36 is in progress.

(2) *Improvement of Lohar Chawl Lane off Wanzawadi.*—The Scheme was notified under Section 354(1)(*i*) of the Municipal Act.

(3) *Development of Golanji Hill Estate.*—Plans and estimates for the development of Golanji-Hill have been approved by the Corporation. Detailed plan of the layout is under preparation.

(4) *Dharavi.*—The layout of the area lying to the South of Dharavi Road has been sanctioned by the Corporation.

(5) *Housing Scheme at Sion.*—A scheme for providing 500 rooms at Sion for accommodating the persons now staying in Slum areas at Dharavi and Sion who will be shifted from there has been prepared and is before the Corporation for their consideration.

Town Planning Scheme.

Government by their notification, dated the 9th July 1945 sanctioned the making of a Town Planning Scheme for the Mandvi area. The work of surveying the buildings covered by the Scheme and the preparation of Valuation Statement in form "A" is in hand. So far about 185 permits have been issued to the owners for putting up temporary structures. Messrs. A. H. Bhiwandiwalla & Co., lessees of some plots on Elphinstone Estate of the Port Trust, situated in the area notified for a Town Planning Scheme gave a notice of motion in the High Court asking the Court to compel the Commissioner to allow them to build in the area of the proposed road. This was dismissed with costs.

City of Bombay (Building Works Restriction) Act, 1944.

By Government Notification No. S/108/A, dated the 14th December 1945 the period of City of Bombay (Building Works Restriction) Act, was further extended upto and inclusive of 31st December 1946.

ACQUISITION OF LANDS.

(Ex-Trust Schemes).

(Land Acquisition Officer's cases in respect of old slums notified prior to amalgamation).

(1) The agreement embodying the revised terms of settlement in Cases Nos. 538 and 538-A, Scheme 5 (Vithoba Temple at Matunga) has been received from the Sub-Registrar and the Special Land Acquisition Officer has been asked to open the case for recording the settlement. The case is proceeding.

(2) The agreement in respect of temple property bearing Case No. 374, Scheme No. 5 has been duly approved by the Trustees of the Temple and the modifications suggested by them are under consideration of the Legal Assistant.

(3) Award has been declared and possession of property in case No. 232, Scheme No. 37, was taken on 22nd August 1945.

Changes in Ex-trust Estates.

There have been no changes in Schedule X, Y and Z lands.

The net changes effected in the Ex-Trust Estates are set out in the following statements.

Change in.	As at the beginning of 1945-46. Sq. yds. in thousands.	As at the end of 1945-46. Sq. yds. in thousands.
Developed Land.		
Area permanently leased	48,35	50,34
„ of Trust Chawls Sites...	1,90	1,90
„ Sold	0,09	0,09
„ reserved for a Municipal Market	0,02	0,02
„ yet to be permanently leased	4,54	4,30
Total ...	54,90	56,65
Rent of permanently leased area	34,63*	36,25
Undeveloped Land.		
Area of land	58,80	57,08
Cost of its acquisition	212,00	206,00

* According to the last year's report the rent of the permament leased area is shown as Rs. 39.54 lakhs. The difference of Rs. 4.9 lakhs is due to the amount of commutation being taken into account this year.

It will be seen that at the end of 1945-46 out of the total area of 1,39,36,000 square yards (about 2,879 acres) vested in or acquired by the Ex-Trust, about 41 per cent. remained to be developed, and of the developed area, about 7.6 per cent. remained to be leased. The average value of the leased plots is Rs. 20 per square yard and that of plots which remained to be leased is estimated at Rs. 23 per square yard.

PROGRESS OF DEVELOPMENT.

Scheme 56, Dharavi Estate.

The general lay-out of a portion of this Estate has been approved by the Corporation under their Resolution No. 496, dated the 8th October 1945. The detailed lay-out is being prepared, after making a special survey of the area.

Scheme 57, Sewri-Wadala (South) Estate.

As offers for an aggregate area of about 38,027 square yards in this Estate were received, it was laid out into two plots, *viz.*, plot No. 8 and 9, and they were disposed of.

Scheme 58, Worli Estate.

The Corporation by their Resolution No. 193, dated the 18th Jun 1945, sanctioned the detailed lay-out of the remaining portion of this Estate, situated to the east of 60' high level road and bounded by 80' road, Worli Road and Love Grove Road, according to which 66 new plots *viz.*, plots Nos. 44 to 109 covering an area of about 1,20,000 square yards became available for disposal.

Dis-housing and Re-housing.

There were practically no vacancies in the Chawls or acquired properties during the year under report.

Members of the menial staff, who are entitled to receive house rent allowance continued to occupy rooms rent-free in lieu of house rent allowance. Their number was 397 on 31st March 1946. Railway passes are being issued at Municipal cost to such of the members of the menial staff as are provided with rent-free quarters beyond one mile from their place of work.

During the year, 3 acquired buildings containing 7 tenements were either demolished or transferred to vacant land register.

The new residential accommodation made available in the houses erected by the lessees of the Ex-trust Estates during the year amounted to 8 tenements only. No more accommodation could be provided as the Building Control Order prohibiting the construction of new buildings was operative throughout the year.

It will be seen from Appendix "D" that the total number of tenements provided up-to-date in all the Trust Estates including those erected by the Development Department and the several Mill Companies exceeds the total number of tenements demolished by 30,209 as shown below :—

(*a*) Tenements provided in Trust Chawls including 3 room and 2 room tenements and Cottages at Matunga ...	10,006
(*b*) Tenements provided in Chawls erected by the Spring Mills, the Century Mills, the Kohinoor Mills and the David Mills and in Chawls erected by the Development Directorate on the Ex-Trust Estates and the various Police Accommodation Schemes	18,555
(*c*) Tenements provided in the Semi-permanent rooms erected by the Ex-trust	2,842
(*d*) Tenements provided in the Lessees' Buildings ...	37,278
	68,681
Less.—Tenements demolished ...	38,472
Excess of new tenements over demolished ones ...	30,209

During the year 300 tenements were constructed at Arthur Road by the Citizens' Relief Committee for accommodating the residents of the Mandvi area, rendered homeless by the explosion in the Dock area in 1944 and handed over to this department for management. To afford further relief 100 more rooms are being constructed near Wadala Station in Scheme 57.

DISPOSAL OF LANDS

(Ex-trust Estates.)

Long Leases.

The number of plots let during the year was 147 having a total area of 2,00,739 square yards (about 41.5 acres) and valued at Rs. 48,50,130-15-0. In addition to this one plot in Scheme 58, having an area of 100 square yards, was sold outright for Rs. 1,000. The total number of plots disposed of upto the end of 1945-46 is 3,341, with an area of 52,24,209 square yards (about 1,069 acres) and valued at Rs. 10,35,36,496, yielding an annual rent of Rs. 36,24,575 in respect of plots for which premium or commutation amounts have not been received. The rate at which the ground rents are commuted is at 22½ years purchase for plots let before 23rd November 1920, and 18 years purchase thereafter. The progress in the disposal of Trust lands during the year was as follows:—

No.	Particulars.	No. of Plots.	Area in sq. yds.	Capital Value. Rs. a. p.	Annual rent. Rs.
I	Plots leased (Rental basis)	85	1,50,363	(b) 38,75,748 12 0	2,32,518
	Plots leased (Premium basis)	62	50,376	9,74,382 3 0	62 (A)
II	Land sold	1	100	1,000 0 0	...
III	Total plots disposed of	148	2,00,839	(b) 48,51,130 15 0	2,32,580
IV	Plots disposed of in 1945-46 or earlier but surrendered to and re-entered by the Corporation	3	1,643	1,24,632 0 0	6,924
		145	1,99,196	(b) 47,26,498 15 0	2,25,656 (B)
Corresponding figures for—					
	1944-45	90	2,12,451	(a) 49,43,845 15 0 (b) 48,47,016 5 0	71,071
	1943-44	124	1,91,773	(a) 36,28,023 12 0 (b) 34,91,223 12 0	1,02,655
	1942-43	212	2,91,736	(a) 45,17,557 2 0 (b) 43,81,029 9 0	1,69,627

(A) Interest on the premia at 6 per cent. would be equal to about Rs. 58,463.
(B) If the interest on the premia is taken into account the result would show a figure of Rs. 2,84,057 instead of Rs. 2,25,656.
(a) On commutation basis.
(b) On basis of area multiplied by rate.

The details of leasing in each estate are shown below :—

Estate.	No. of Plots.	Area in sq. yds.	Capital Value. Rs. a. p.	Annual rent. Rs.	Premium received or receivable. Rs. a. p.
Dadar-Matunga	2	1,801	42,313 6 0	1	42,313 6 0
Sion-Matunga	57	37,191	9,28,913 6 0	41,287	2,41,503 2 0
Nowroji Hill	3	2,106	1,58,476 8 0	9,508	...
Supariaug	4	2,571	37,191 0 0	1,014	20,316 0 0
East Agripada	4	1,979	92,667 0 0	5,564	...
Sydenham Road	1	225	1,02,375 0 0	6,144	...
Scheme 47, Guzri Bazar and Tulsirampada	2	601	53,150 0 0	2	55,150 0 0
Worli Scheme 52	17	33,932	6,99,518 0 0	13,219	4,79,418 0 0
Sewri-Wadala	12	45,193	6,45,900 4 0	38,752	...
Worli Extension Scheme 58	44	73,989	20,63,455 7 0	1,15,637	1,35,681 11 0
Naigaum	1	1,151	24,171 0 0	1,452	...
Total	147	2,00,739	48,50,130 15 0	2,32,580	9,74,382 3 0

In the previous years' Administration Reports the capital value of plots let out on rental basis was calculated on the basis of commutation amounts. In the various tables given in this report, the capital value has been taken by multiplying the area by the rate, which is considered to be the correct method of calculating capital value of a plot. Owing to this change in the method of calculation, the net capital value of the plots disposed of during the year comes to Rs. 47.26 lakhs, as against Rs. 50.36 lakhs, worked out on the basis of commutation amounts, which is higher than the capital value of plots realised in any of the previous three years.

The number of plots disposed of during the year under report is more than that disposed of in either of the previous two years. Though the area disposed of is less than that of the previous year, the value realised therefrom is relatively more than that of the previous year which is due to the high rates realised for the plots.

The amounts received by way of commutation of ground rents or premium are given below :—

Year.	Commutation. Rs.	Premium. Rs.	Total. Rs.
1934-35	1,06,864	5,44,830	6,51,694
1935-36	3,52,813	9,82,851	13,35,664
1936-37	5,91,599	14,37,742	20,29,341
1937-38	2,98,550	17,41,264	20,39,814
1938-39	3,48,852	6,49,522	9,98,374
1939-40	4,57,907	10,12,036	14,69,943
1940-41	5,78,833	15,55,994	21,34,827
1941-42	7,43,178	7,39,451	14,82,629
1942-43	10,23,498	15,78,000	26,01,498
1943-44	25,09,087	16,68,020	41,77,107
1944-45	14,85,257	23,49,507	38,34,764
1945-46	12,96,028	14,90,351	27,86,379
Total ...	97,92,466	1,57,49,568	2,55,42,034

Monthly Tenancies and Short Leases.

There were 610 acquired or surrendered buildings in charge of the Bombay Municipality (Improvements) at the commencement of the year. Six buildings were sold, one was demolished and two were transferred to Vacant Land Register. Thus there remained 601 buildings containing 5,148 tenements. The net change during the year was as under :—

Date.	No. of Buildings.	Tenements.	Gross Rental in lakhs.	1-Room tene-ments.	2-Rooms tene-ments.	Larger tene-ments.	Shops.	Godowns.	Factories.
31-3-1945 ...	610	5,247	7.27	3,898	686	274	241	143	5
31-3-1946 ...	601	5,148	6.8	3,843	629	309	235	127	5

The rents realised from the acquired, re-entered upon or surrendered buildings in 1945-46 aggregated to Rs. 6,62,433 and the total temporary revenue realised during the year was Rs. 14,18,297 against Rs. 15,77,448 of the previous year. The fall in revenue is partly due to the sale of buildings and partly due to non-receipt of municipal dues from the military authorities and Govenment of India departments.

Particulars.	1943-44.	1944-45.	1945-46.
	Rs.	Rs.	Rs.
Rent from acquired or surrendered buildings	7,48,652	7,93,870	6,62,433
Rent from lands let for temporary structures	2,82,839	7,53,490	7,16,629
Rent from letting for storing materials (including sundry revenue) ...	2,154	2,294	230
Rent from cultivation rights, etc.	35,504	27,794	39,005
Total ...	10,69,149	15,77,448	14,18,297

The full letting value of 10,290 rooms including shops, godowns, looms, etc., in the Ex-Trust chawls for the year was Rs. 9,64,209 as on 31st March 1946.

The gross demand of the Ex-Trust chawls for the year was Rs. 9,64,209. The net demand for the year after excluding the amount of Rs. 243 for vacanies and Rs. 32,453 for concessional rents was Rs. 9,31,513. The revenue actually collected came to Rs. 8,39,957 which is equivalent to Rs. 90.17 per cent. of the net demand for the year.

This revenue is exclusive of the amounts of Rs. 1,28,478 being the rent of A.R.P. occupations and the rent due in lieu of House Rent Allowances for which adjustments have already been proposed, but not carried out in the Demand Registers of this office for want of intimations of adjustments from the Chief Accountant's Department. If these amounts are added to the total collection the percentage will rise from 90.17 to about 103

The gross demand for the year 1945-46 of 2,842 rooms in the semi-permanent sheds including the permanent ground floor rooms and sheds known as Labour Camps was Rs. 1,60,721. The net demand for the year excluding Rs. 50 for vacancies and Rs. 2,817 for concessional rents was Rs. 1,57,854. The amount actually collected came to Rs. 1,54,248 which is equivalent to 97.71 per cent. of the demand. This percentage would have risen to 102.5 had the adjustments for Rs. 3,975 being rents due in respect of the rooms in the occupation of City Engineer's Department and the Schools Committee been carried out and intimated to this department by Chief Accountant.

The monthly rent charged for rooms in the permanent chawls built by the Ex-Trust ranges from Rs. 4-15-0 to Rs. 12 for one room-tenements, from Rs.17 to Rs. 23 for two room-tenements, and from Rs. 30 to Rs. 35 for three room-tenements.

The percentage of outgoings in respect of chawls and S. P. Sheds are shown below. On the basis of the maximum annual rental of Rs. 9,64,209 being the full letting value of the Chawls on 31st March 1946 and of Rs. 1,60,721 of S. P. Sheds, the total outgoings came to 67.03 per cent. and 67.91 per cent., respectively. The percentage of vacancies being practically nil, the actual outgoings are 67.03 and 67.91 per cent.

Statement showing percentage of outgoings in different items :—

Particulars.	Permanent.		Permament ground floor rooms and *S. P. Sheds.		Remarks.
	1944-45.	1945-46.	1944-45.	1945-46.	
Sanitary Staff	7.86	8.87	12.42	16.14	* including Labour Camps
Pumpmen	0.27	0.24	...	...	
Cost of management and Establishment ...	7.50	7.50	7.50	7.50	
Municipal Rates and Taxes	15.27	16.13	15.90	16.15	
Repairs and Maintenance including lighting ...	25.51	34.29	22.01	28.12	
Vacancies	...	...	...	...	
Total ...	56.41	67.03	57.83	67.91	

The collection during the year on account of rents from these chawls, amounted to Rs. 8,39,957. Deducting therefrom the expenses amounting to Rs. 6,47,058, the net income came to Rs. 1,92,899. The Capital Expenditure incurred on these chawls including the value of land is 151.53 lakhs. The Corporation have to pay interest and sinking fund charges at the rate of 4.61 per cent. per annum on the Capital Expenditure prior to 1919-20 and 6.35 per cent. per annum on the expenditure incurred in subsequent years. This amounts to 8.83 lakhs per annum (*vide* Appendix 'C'). After deducting the amount of net income, the accounts for the chawls showed a loss of about Rs. 6,94,652 for the year.

The average population in the chawls during 1945-46 was 50,144 as against 48,986 and 45,168 in 1944-45 and 1943-44, respectively, whilst the corresponding figures for semi-permanent sheds (excluding Labour Camps) were 6,864, 6,881 and 6,113, respectively.

The death rate in the Ex-Trust chawls during the year was 7.9 per 1,000 gainst 7.4 and 5.8 in the year 1944-45 and 1943-44, respectively. These are exclusive of deaths not reported to the Chawl Office as also of those that may have occurred outside the Chawls at Hospitals, etc.

Collection of Revenue.

Details of the collection can be seen from the following table:—

A comparative statement showing the number of permanent tenancies with demand and collection as on 31st March of the past 4 years is given below:—

Particulars.	1943.	1944.	1945.	1946.
Number of tenancies	2,829	2,868	2,953	3,023
Demand for the year in lakhs of Rs.	31.95	31.91	33.14	33.50
Amount for collection. ,, ,, ...	37.38	35.96	36.50	37.02
Actual collection ,, ,, ...	33.12	32.60	32.98	33.09
Arrears ,, ,, ...	4.26	3.36	3.53	3.93
Percentage of arrears to amount for collection	11.39	9.34	9.66	10.60
Percentage of collection to demand	103.66	102.8	99.51	98.78

The percentage of 10,60 of arrears can be attributed to the usual tendancy on th part of the new building tenants to withhold payments of ground rents to the extent of the cash security deposits paid by them with a view to getting the same adjusted towards ground rent. Moreover, several plots have been requisitioned by the Defence Department of the Government of India, and the Lessees of such plots have kept the ground rents in arrears as they have not been able to recover rents from the Government of India. Certain arrears were due in respect of properties re-entered upon. These items aggregate to Rs. 2,12,954 as under:—

	Rs.
(1) Arrears in respect of properties re-entered for which legal action is taken	1,11,653
(2) Ground rents withheld by lessees to the extent of their security deposits	52,276
(3) Ground rents in respect of plots occupied by the military	45,247
(4) Amounts held in deposit pending adjustment	3,778
Total Rs. ...	2,12,954

If these items are excluded, the balance of arrears comes to Rs. 1.80 lakhs, i.e., 5.01 per cent. of the amount for collection.

Collection of Revenue.

Details of the collection can be seen from the following tables:—

Particulars.	REVENUE		Total.
	Permanent.	Temporary.	
	Rs.	Rs.	Rs.
Amount for collection:—			
Demand for the year	33,50,253	27,42,571	60,92,824
Arrears ... ... (a)	3,52,665	10,46,734 (b) (c)	13,99,399
Total ...	37,02,918	37,89,305	74,92,223
Amount collected	33,09,096	24,13,491	57,22,587
Amount written off	...	21,594	21,594
Arrears as on 1-4-1946	3,93,823	13,54,220 (c)	17,48,043
,, 1-4-1945 ... ... (a)	3,52,760	6,34,418 (b)	9,87,178
,, 1-4-1944	3,36,941	8,06,353	11,43,294

(a) The difference of Rs. 95 in the opening arrears may be attributed to the reduction in demand on account of modification made subsequently due to commutation, etc.

(b) The increase of Rs. 4,12,316 in the opening arrears is due to the letting out of additional areas in Schemes 6, 58, 52, etc to the military authorities with retrospective effect.

(c) The increase in the closing arrears is due to the amount of Rs. 8,87,789 due in respect of temporary lettings to the Government of India Department These will be recovered in the following year. It is also due to the non-adjustment by C. A.'s department of A. R. P. and H. R. A. bills aggregating Rs. 1,32,447. If these are excluded the arrears will come to Rs. 3,33,884.

Legal.

In the year under review, 78 ejectment and claim suits were filed against the tenents who had run into arrears and the total cost incurred in respect of these suits came to Rs. 1,189 which was recovered along with Rs. 221 being the arrears pertaining to the previous period.

(1) *High Court Suit No.* 934 *of* 1935 *in respect of Plot No.* 26, *Sandhurst Road Estate.*—The balance of the decretal amount and costs of the Legal Assistant in respect of this suit are to be recovered. The Bill of Costs was prepared but the same has not been lodged upto now for taxation as the whereabouts of the heirs of Mr. Bajid Gulab (the original lessee) have not been ascertained.

(2) *High Court Suit No.* 52 *of* 1936 *in respect of Plot No.* 28, *Nowroji Hill Estate.*—Some amount due under the decree is to be recovered from the 1st Defendant, Gulamalli Haji Karmally who was adjudicated an insolvent. The order adjudicating him an insolvent was subsequently annulled. Information was received that he owned certain property situated at Bandra. Search was therefore taken in the offices of the Sub-Registrars of Bandra and Thana and also in the offices of the Mamlatdar, South Salsette, Andheri and the Talati at Bandra. The search has been completed and notes taken with reference thereto are being considered to ascertain whether the said Gulamalli Haji Karmally owns any attachable property at Bandra.

(3) *High Court Suit No.* 569 *of* 1939 *in respect of plot No.* 27, *Sandhurst Road East Estate, and Plots Nos.* 4 *and* 5, *Sydenham Road Estate.*—One of the Defendants has become insolvent and execution proceedings against the other Defendants will be taken after their whereabouts are known.

(4) *High Court Suit No.* 564 *of* 1940 *in respect of Plot No.* 48, *Nowroji Hill Estate.*—Warrant under Order XXI Rule 46 of the Code of Civil Procedure was issued for attachment of the Defendant's interest in Government Paper lying with the Municipality by way of deposit and the said warrant has been executed. Further necessary steps are being taken in the matter to realise the remaining amount.

(5) *High Court Suit No.* 1326 *of* 1938 *in respect of Scheme No.* 57, *Case No.* 320, *let to Mr. Kismlal Madhavlal.*—Possession of the property in suit was taken but no proceedings for the recovery of the decretal amount could be taken as it was reported that the Defendant had no property.

(6) *High Court Suit No. 512 of 1944 in respect of Suparibaug Plot No. 24 (leased to Tricamdas Kallianji Thakkar) filed against Haridas Tricamdas and others for forfeiture of lease and recovery of arrears of ground rent.*—A Decree in the said suit was passed on the 11th July 1944 against the Defendants who, through their Attorneys, have now informed the Plaintiffs that they are arranging to sell certain other property belonging to the Defendants to pay the decretal amount due to the Plaintiffs out of the sale proceeds.

(7) *High Court Suit No. 501 of 1942 in respect of Plot No. 1-A, Mahalaxmi Flats.*—A Decree for ejectment and recovery of arrears of ground rent was passed on 6th May 1942 against the Defendants Dattadin Sukhlal and others and accordingly possession of the Plot was handed over by them and they have offered to compromise the claim for Rs. 300 which amount has been deposited with the Municipality and the matter is being recommended to the Standing Committee for their sanction to accept the said sum of Rs. 300 in full settlement of the claim.

(8) *High Court Suit No. 223 of 1943 filed against Bai Khatizabai G. Rupawalla in respect of Plot No. M 3, Scheme 37, for ejectment and for recovery of arrears of rent and taxes*—A Decree in the said suit was passed on 29-6-1943. As the Defendant failed to pay the balance of the decretal amount, an application for execution of the said decree has been made and the notice under Order XXI Rule 22 has been issued and the same is being served upon the Defendant.

(9) *High Court Suit No. 937 of 1944 was filed against Ram Kuber Ram Bhagoo and others inter alia :— (a) For ejectment and vacant possession of the land and premises belonging to the Municipality at Kala Killa, Dharavi, comprised in Case No. 201, Scheme No. 56, (b) for compensation for use and occupation thereof and (c) for authorising the plaintiffs to cause the dead body of one Surji Bhoja to be exhumed and to be buried in a proper place.*—On 16th January 1945, the suit was transferred by the High Court to the List of Long Causes in view of the written statement filed by the Defendants. The said suit is still pending.

LAND ACQUISITION AND MANAGEMENT.

Municipal Section—Schemes, Overbridges, etc.

Scheme for the widening of the 1st Marine Street, Dhobi Talao.—Draft Agreement in Case No. L.A.Q. 16/5 has been returned by the claimants with certain modifications which are under consideration of the Legal Assistant.

Hornby Road to Ballard Pier Scheme, Case No. M/436.—Corporation have sanctioned the denotification of property in Case No. M/436. Government is now being requested to denotify the property from acquisition.

Acquisition of Khardi Village Gaothan (Thana Dist.) for prevention of contamination of Tansa Catchment.—The decision of the Government to notify the properties included in the old Gaothan under Section 6 of the Land Acquisition Act, is still awaited.

Acquisition of land for the construction of additional Purification Works, Tulsi Pipe Line, Dadar.—The points of defence have been filed in Case No. L.A.Q. 45/6 by Municipality for the determination of the compensation to be awarded in respect of the land acquired. The case has not reached the Board of the High Court for final hearing.

Acquisition of land for the construction of a 50' Road from Bhawani Shankar Road to Tulsi Pipe Line off Sewage Purification Works at Dadar.—The draft conveyance in respect of Case No. L.A.Q. 40/1 has been returned by the claimants duly approved. Engrossments have been sent to the parties for execution.

Acquisition of land for the construction of a portion of 40' Road off Cadell Road South.—The case has not yet reached the Board of the High Court for hearing of the References as the Claimants have not taken out summons.

Acquisition of land for the proposed 40' and 50' Roads off Lady Jamshedji Road.—The inquiry before the Special Land Acquisition Officer in respect of acquisition has now been completed. The Land Acquisition Officer has issued his awards in Cases Nos. L.A.Q. 61/1, 61/2, 61/3 and the possession of the land was taken on 2-7-1945.

Acquisition of Properties off Maruti Street, bearing C.S. Nos. 851, 867 and 866 Part of Fort Division in connection with the construction of the Proposed extension of the 60' Parsee Bazar Street.—The case has been settled under Improvements Committee Resolution No. 338 of 8-1-1946. As additional land belonging to the claimant and forming part of C.S. No. 866 is also proposed to be acquired, Government is now being requested to notify the additional land.

MAHIM DEVELOPMENT AND OTHER SCHEMES.

Ranade Road Extension Scheme.—References filed by the claimants in Cases Nos. L.A.Q. 2/1, 2/3, and 2/14 of this Scheme, for determining compensation are still pending in the High Court as the claimants have not yet taken out summons.

Exchange of Government land at Mahim Causeway with Municipal land at Love Grove Road, Worli. The legal costs in respect of drafts, etc., of the lease payable to the Municipality are yet to be settled.

Housing Accommodation Scheme for Fishermen at Mahim Causeway.—A draft Scheme has been framed under Section 354-C of the Municipal Act and the proposal is awaiting the sanction of the Corporation.

Acquisition of land out of properties in C.S. Nos. 521, 335, 1208 and 1209, Mahim Division under the Land Acquisition Act, Mahim Development Scheme.—The case in respect of C.S. No. 521 is proceeding before the Special Land Acquisition Officer.

The properties in C.S. Nos. 335 and 1208 have now been notified for acquisiton under Section 6 of the Land Acquisition Act and acquisition proceedings will now be shortly taken up by the Special Land Acquisition Officer.

The property in C.S. No. 1209 of Mahim Division has been notified under Section 4 of the Land Acquisition Act.

Revenue Suit No. 1 of 1940—Assessment of Crawford Market to Land Revenue.—The appeal in the suit is pending before the High Court.

Reservation of an area for a recreation ground in lieu of Parel Tank Site resumed by Government.—The Government has been requested to bear a portion of the cost of acquiring land for providing a play-ground in the locality. Negotiations are in progress.

Lease of Port Trust land at King Edward Road for the provision of Public Urinal.—The land has been taken possession of from the Port Trust on 17-2-1945.

Acquisition of land for a 40' Road off Bhawani Shankar Road.—The owner of C.S. No. 1415 of Lower Parel Division has agreed to surrender the land in exchange for a Municipal strip. The proceedings as regards acquisition of land are started and the land to be acquired has been notified under Section 4 of the Land Acquisition Act.

Acquisition of land along drainage channel for shifting Cemeteries at Haines Road.—The land required by the Municipality has been notified under Section 6 of the Land Acquisition Act and the proceedings are going on before the Special Land Acquisition Officer.

Acquisition of land for the construction of a Road on Tulsi Pipe Line land between Haines Road and Mahim Creek.—The proposal to tackle the scheme by Sections is under consideration.

Police Accommodation Scheme, Road Scheme No. 37.—The possession of Plot Nos. 16 and 19 to 22 has been handed over to the Government on 12-5-1945.

Acquisition of Municipal land by the Defence Department.—Sanction of Standing Committee is being obtained to refer to arbitration, the matter of fixing the compensation for the lands acquired in plots Nos. 103 and 140, Agripada West Estate and 113-114, Sion-Matunga (West) Estate.

SPECIAL ROAD SCHEMES.

Hornby Road to Ballard Pier Scheme.—The total rent recovered from the Schemes during the year amounted to Rs. 1,633. The previous year's recovery was Rs. 1,656.

Fulton Road Estate.—The semi-permanent sheds in this Estate are let to poor tenants. The total rent recovered from the Estate during the year amounted to Rs. 15,193. The previous year's realisation was Rs. 13,161.

No appreciable change could be effected in other Schemes.

Statement 'A' attached indicates the progress in the disposal of municipal lands during the year under report and statement 'B' gives the details of the collection of revenue from the buildings and lands let for purposes other than cultivation. It will be seen that the value of the municipal lands disposed of during the year came to Rs. 5,03,770 as against Rs. 3,78,279 during the previous year. The total area of municipal land available for disposal as on 1st April 1946 was about 45,223 square yards valued at Rs. 5,41,310. The amount of fees collected from the rights of cultivation, tapping, etc., came to Rs. 2,743.

H. B. SHIWDASANI,
Deputy Municipal Commissioner,
(Improvements.)

APPENDIX "A" *Capital Account.* Figures in Lakhs.

Particulars.	1942-43		1943-44		1944-45		1945-46	
	In the year.	To end of the year.	In the year.	To end of the year.	In the year.	To end of the year.	In the year.	To end of the year.
RECEIPT.								
Loan ...	...	1,736.9	....	1,736.9	...	1,736.9	...	1736.9
Discount or Premium ...	...	—14.2	...	—14.2	...	—14.2	...	—14.2
Sale Proceeds ...	28.0	427.2	42.0	469.2	36.1	505.3	28.8	534.1
Appropriation from General Account ...	—16.2	—193.2	—2.5	—195.7	+2.5	—193.2	—1.0	—194.2
Special contribution from Government...	...	54.0	...	54.0	...	54.0	...	54.0
Release of Debentures lodged with Govt.	....	42.6	...	42.6	...	42.6	...	42.6
Extraordinary receipts	...	25.1	....	25.1	....	25.1	...	25.1
Miscellaneous ...	...	0.1	...	0.1	....	0.1	...	.
Total ...	11.8	2,078.5	39.5	2,118.0	38.6	2,156.6	27.8	21844
EXPENDITURE								
I.—On Govt. and Municipal Property—								
Schedule 'W'	...	13.1	...	13.1	.2	13.3	0.1	13 4
Do. 'X' ...	...	16.2	...	16.2	...	16.2	...	16 2
Do. 'Y' ...	...	4.7	...	4.7	...	4.7	...	4.3
Police Accommodation Schemes	...	91.6	....	91.6	...	91.6	....	91.6
Total ...	...	125.6	...	125.6	.2	125.8	0 1	1259
II.—On the Trust own acquired lands—								
Cost of Management and Estab.	1.2	184.1	1.4	185.5	1.3	186.8	1.0	187.8
Acquisition of land ...	2.4	979.4	...	979.4	...	979.4	...	979.4
Chawls	...	131.0	0.1	131.1	...	131.1	...	131.1
Roads ...	3.0	407.8	2.8	410.6	2.5	413.1	2.6	415.7
Other works ...	0.3	24.6	0.6	25.2	.2	25.4	...	25.4
Mill companies chawls ...	....	7.7	...	7.7	....	7.7	...	7.7
Total ...	6.9	1,734.6	4.9	1,739.5	4.0	1,743.5	3.6	1747.1
III.—Miscellaneous—								
Office Buildings ...	....	4.5	...	4.5	...	4.5	...	4.5
Other items ...	...	12.3	...	12.3	...	12.3	...	12.3
Total ...	...	16.8	...	16.8	...	16.8	...	16 8
IV.—Disposal of Profits ...	...	...	...	...	...	...	...	...
V.—Debentures lodged with Govt. ...	...	42.6	...	42.6	...	42.6	...	42.6
VI.—Repayment of Loan ...	7.7	75.5	...	75.5	21.8	97.3	0.6	97.9
Total ...	14.6	1,995.1	4.9	2,000.0	26.0	2,026.0	4.3	2030.3
Balance ...	—2.8	83 4	34.6	118.0	12.6	130.6	23.5	154.1

Analysis of General Account

(Figures in columns 2 to 12 shown in lakhs)

Year.	Receipts						Expenditure					Balance appropriated to Capital account.	Remarks.
	Rents.	Municipal contribution.	Share of tobacco duty.	Interest on investment.	Miscellaneous.	*Total.	Maintenance.	Municipal rates and taxes.	Interest and sinking fund.	Miscellaneous.	Total.		
(1)	(2)	(3)	(3A)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1898-1899 ...	1.9	...	...	...	...	1.9	0.1	...	...	...	0.1	1.8	Rent received in 1898-99 was mainly rent under Schedule 'Z'
1899-1900 ...	0.7	...	...	0.8	...	1.5	0.2	0.2	...	...	0.4	1.1	
1900-1901 ...	0.9	4.8	...	1.6	...	7.3	0.3	0.2	2.2	...	2.7	4.6	
1901-1902 ...	1.2	4.8	...	1.5	...	7.5	0.4	0.2	2.5	...	3.1	4.4	
1902-1903 ...	1.4	5.0	...	3.5	...	9.9	0.4	0.2	4.1	...	4.7	5.2	
1903-1904 ...	2.6	3.5	...	2.3	...	8.4	0.4	0.4	5.7	0.1	6.6	1.8	
1904-1905 ...	5.8	2.0	...	2.7	...	10.5	0.7	0.9	8.1	0.1	9.8	0.7	
1905-1906 ...	9.7	2.5	...	1.9	...	14.1	1.4	1.3	10.1	0.1	12.9	1.2	
1906-1907 ...	8.5	3.0	...	2.1	0.1	13.7	1.9	1.1	11.2	0.1	14.3	—0.6	
1907-1908 ...	8.1	3.6	...	2.4	0.1	14.2	2.2	1.10	12.1	0.1	15.4	—1.2	
1908-1909 ...	9.4	4.5	...	1.2	0.1	15.2	2.5	0.8	13.0	0.1	16.4	—1.2	
1909-1910 ...	11.4	7.8	...	1.5	0.2	20.9	*3.3	1.0	16.0	0.1	20.4	0.5	
1910-1911 ...	14.4	8.9	...	1.5	0.1	24.9	*3.1	1.0	19.1	0.1	23.3	1.6	
1911-1912 ...	16.6	8.6	...	2.2	0.1	27.5	*3.0	1.3	20.2	0.1	24.6	2.9	
1912-1913 ...	18.0	9.2	...	2.0	...	29.2	*2.7	1.0	20.5	0.1	24.3	4.9	
1913-1914 ...	20.9	9.3	...	2.5	...	32.7	*2.4	1.2	21.4	0.3	25.3	7.4	
1914-1915 ...	23.0	9.8	...	1.5	0.1	34.4	2.7	1.5	22.4	0.3	26.9	7.5	
1915-1916 ...	24.8	10.2	...	1.5	...	36.5	2.9	1.6	23.8	0.3	28.6	7.9	
1916-1917 ...	27.2	11.0	...	2.5	0.1	40.8	3.1	1.7	25.8	0.2	30.8	10.0	
1917-1918 ...	29.8	11.0	...	2.9	0.1	43.8	3.6	1.7	25.6	0.2	31.1	12.7	
1918-1919 ...	33.2	11.5	...	2.0	0.1	46.8	3.6	2.0	25.2	0.2	31.0	15.8	
1919-1920 ...	35.7	15.2	...	1.7	0.2	52.8	3.7	2.2	24.1	0.6	30.6	22.2	
1920-1921 ...	37.5	15.7	...	5.4	0.5	59.1	4.0	2.4	29.4	1.0	36.8	22.3	
1921-1922 ...	43.4	15.8	...	5.4	0.4	65.0	6.4	2.9	52.6	0.6	62.5	2.5	
1922-1923 ...	45.0	17.9	...	4.9	0.1	67.9	7.9	3.5	64.1	—0.5	75.0	—7.1	
1923-1924 ...	44.2	19.1	...	7.6	0.2	71.1	9.6	3.2	74.2	0.6	87.6	—16.5	
1924-1925 ...	50.5	20.2	...	6.4	0.4	77.5	9.0	4.4	80.6	0.6	94.6	—17.1	
1925-1926 ...	48.7	22.3	...	6.8	0.2	78.0	8.6	3.4	93.7	0.2	105.9	—27.9	
1926-1927 ...	49.5	22.4	...	7.2	3.2	82.3	9.6	3.6	90.5	—0.3	103.4	—21.1	
1927-1928 ...	48.5	23.1	...	6.3	2.3	80.2	11.3	3.8	90.2	...	105.3	—25.1	
1928-1929 ...	47.6	23.0	...	3.8	1.0	75.4	10.6	2.7	90.4	...	103.7	—28.3	
1929-1930 ...	51.0	22.9	...	2.7	0.1	76.7	10.2	2.9	89.3	...	102.4	—25.7	
1930-1931 ...	50.2	23.1	...	2.7	0.2	76.2	10.2	3.4	92.1	...	105.7	—29.5	
1931-1932 ...	49.3	23.5	...	1.4	0.1	74.3	10.5	3.3	94.3	...	108.1	—33.8	
1932-1933 ...	49.3	23.5	7.4	1.1	0.1	81.4	11.8	3.0	96.5	...	111.3	—29.9	
1933-1934 ...	49.2	32.9	11.4	3.9	...	97.4	7.5	4.4	98.2	...	110.1	—12.7	
1934-1935 ...	50.9	33.4	10.9	3.3	...	98.5	9.6	4.2	98.6	...	112.4	—13.9	
1935-1936 ...	50.3	33.4	9.8	2.8	0.1	96.4	9.5	3.8	102.3	20.8	136.4	—40.0	
1936-1937 ...	51.2	32.2	11.8	4.9	0.2	100.3	10.3	3.6	85.2	...	99.1	+1.2	
1937-1938 ...	50.6	34.4	12.4	4.6	0.6	102.6	10.5	3.3	83.1	...	96.9	+5.7	
1938-1939 ...	52.0	34.3	10.4	4.2	0.4	101.3	15.0	3.2	80.9	...	99.1	+2.2	
1939-1940 ...	53.5	37.1	9.9	3.4	0.4	104.3	16.1	3.4	80.2	...	99.7	+4.6	
1940-1941 ...	52.5	35.7	5.4	3.9	0.6	98.1	18.1	3.6	80.3	...	102.0	—3.9	
1941-1942 ...	52.3	36.9	10.0	4.0	0.3	103.5	14.3	3.4	80.0	...	97.7	+5.8	
1942-1943 ...	54.2	24.7	4.1	4.0	0.3	87.3	14.4	3.2	79.6	6.3	103.5	—16.2	
1943-1944 ...	54.7	26.3	10.0	4.0	0.4	95.4	15.2	3.2	79.5	...	97.9	—2.5	
1944-1945 ...	60.0	27.3	10.0	4.4	0.3	102.0	17.3	4.1	78.1	...	99.5	+2.5	
1945-46 ...	60.3	28.4	7.5	4.3	0.5	101.0	20.0	4.4	77.6	...	102.0	—1	
Total to the end of 1945-1946.	1,611.6	835.7	131.0	155.2	14.2	2,747.7	342.1	112.8	2,454.6	32.4	2,941.9	—194.2	

*Includes interest paid to Government and the Municipality under Section 68 (1) of the old Act as shown below :—

Year.	Government.	Municipality.	Total.
	Rs.	Rs.	Rs.
1909-10 ...	65,350	41,241	1,06,591
1910-11 ...	46,440	37,841	84,281
1911-12 ...	61,858	37,276	99,134
1912-13 ...	68,194	37,431	1,05,625
1913-14 ...	54,644	27,668	82,312
Total ...	2,96,486	1,81,457	4,77,943

APPENDIX

Particulars of Municipal (Improvements) Chawls, Capital Cost, Net Annual Returns

Serial No.	Name of the Chawl.	Year in which the site of chawls appropriated for construction of chawls.	Total area of the site of chawls Sq. Yds.	Rate per Sq.Yd. as in the year given in column 3.	Value of the site (cols. 4×5)	Constructional cost of the chawls including 7½ per cent. for management and establishment.	Cost of work, value of land and management and establishment charges (columns 6 and 7).	Interest and Sinking fund charges on Capital outlay at 4.61 per cent. on column 8 up to 1919 and thereafter at 6.35 percent.	Full letting value per annum.	Annual profit + or loss — *i.e.*, 32.97 per cent. of column 10—9.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			Sq. Yds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1—4 Agripada A Chawls ...	1900	7,285	7	50,995	1,85,505	2,36,500	10,903	22,642	—3,438
2	5—16 Do. B do. ...	1903	11,925	6	71,550	5,41,639	6,13,189	28,269	59,806	—8,551
3	31—32, 38—40, 45—46 Do. C do. ...	1903	6,251	6	37,506	2,79,182	3,16,688	14,599	31,551	—4,197
4	19—24 Chandanwadi Chawls ...	1904	9,664	15	1,44,960	3,76,915	5,21,875	24,059	61,452	—3,797
5	25—27, 29, 30 & 41 Imamwada A Chawls ...	1905	13,442	13.8	1,81,467	4,98,562	6,80,029	31,349	63,234	—10,501
6	50 Do. B do. ...	1905	949	13.8	12,811	19,368	32,179	1,483	2,324	—717
7	33—37 Mandvi-Koliwada Chawls ...	1908	4,169	75	3,12,675	2,76,040	5,88,715	27,140	54,618	—9,132
8	51 Workmen's Cottages, Matunga ...	1905	944	5	4,720	12,033	16,803	774	1,260	—359
9	17—18 Nagpada A Chawls ...	1903	2,569	7	17,983	82,358	1,00,341	4,626	11,124	—958
10	39 Do. B do. ...	1904	2,099	7	14,693	99,776	1,14,469	5,277	11,124	—1,609
11	28 Princess Street Chawls ...	1907	1,480	30	44,400	42,412	86,812	4,002	5,952	—2,040
12	42—44, 47—49 Suparibaug Chawls ...	1910	8,081	4.8	36,364	3,39,878	3,76,242	17,345	33,480	—6,307
13	52—57 Chinch Bunder Chawls ...	1913	8,496	(d) 26.66	2,26,560 (c)	3,79,622	6,06,182	27,945	46,632	—12,570
14	... Cottage Blocks (old) ...	1920	2,780	10	27,800	36,069	63,869	4,056	3,024	—3,059
15	58—61 Mahar Chawls ...	1921	4,181	15	62,715	4,39,814	5,02,529	31,911	28,392	—22,550
16	62 Peons Chawls ...	1921	3,419	15	51,285	1,70,863	2,22,148	14,106	12,280	—10,057
17	63—66 Mominpura Chawls (Old) ...	1921	7,760	15	1,16,400	4 31,655	5,48,055	34,801	24,384	—26,762
18	67—72 Three-room tenements, Scheme 5	1922	5,609	6	33,654	2,64,717	2,98,371	18,946	14,112	—14,293
19	73—78 Two-room tenements, Scheme 6	1922	4,234	6	25,404	2,91,972	3,17,376	20,153	17,280	—14,456
20	79—85 Cottage Blocks (new) ...	1922	7,808	6	46,848	69,312	1,16,160	7,376	2,760	—6,466
21	Blocks. 1—19 Bellasis Road Chawls ...	1922	35,704	19	6,78,376	25,75,065	32,53,441	2,06,594	1,55,724	—1,55,252
22	1—16 Mazagaon Chawls ...	1922	29,081	10	2,90,810	21,77,079	24,67,889	1,56,711	1,10,772	—1,20,190
23	1 Mominpura Chawls (New) ...	1923	3,911	20	78,220	3,14,276	3,92,496	24,923	21,346	—17,885
24	1—23 Love Lane Chawls	1925	13,367	18.8	2,47,289	11,36,407	13,83,696	87,865	86,412	—59,3.5
25	1—10 Sydenham Road Chawls ...	1925	12,795	16	2,04,720	7,78,071	9,82,791	62,407	58,266	—43,197
26	1—2 Paltan Road Chawls ...	1940	3,255	25	81,375	2,32,503	3,13,878	19,931	24,258	—11,933
	Total ...	...	2,11,258	...	31,01,580	1,20,51,143	1,51,52,723	8,87,551	9,64,209	—5,69,652

(a) Rs. 7—13—0 for 8 rooms being two-room tenements.
(b) Represents looms.
(c) This figure represents the value at Rs. 40 per sq. yd. of the site situate between the 25' road and the Railway and measuring 5664 sq. yds.
(d) This figure is arrived at by dividing (c) by 8496 sq. yds.

A= Rooms occupied by Mukadams.
B= do used for Office & Stores.
C= do temporarily occupied by Schools.
D= do occupied by Chawl Supdts. quarters including Office & Stores.
E= do do do Shops
F= do do do Gymnasiums..
G= do do do Godowns.

APPENDIX

Statement showing dishousing and rehousing operations on

Year.	Number of tenements demolished up to the end of the year				Number of tenements provided up to							
					In Chawls			In Police Accommodation, Fcor Classes Accommodation, Companies and B. D. Chawls				
	One room.	Two room.	Larger.	Total Col. (2) to (4).	Permanent.	S. P. Sheds.	Total Col. (6) and (7).	One room.	Two rooms.	Larger.	Servants quarters.	Total Col. (9) to (12).
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1898-99 to 1943-44. ...	29,292	5,467	3,656	38,415	10,006*	2,842	12,848	18,197	51	145	162	18,555
1944-45 ...	31	12	7	50	...	...	...	...	...	...	...	...
1945-46 ...	6	...	1	7	...	...	...	...	...	...	...	...
Total ...	29,329	5,479	3,664	38,472	10,006	2,842	12,848	18,197	51	145	162	18,555

* This figure is exclusive of Godowns and Gymnasiums. (Last year the figure was incorrectly shown as 10,010 instead of 10,006.)

C.
Number of tenements, full letting value and permissible actual population.

Percentage of net annual return (32.97 per cent. of col. 10) of capital cost (col. 8).	Total Number of rooms. Column 18+19.	Number of floors including ground floor.	Floor area of tenements including verandah.	Rent per room as on 31-3-1946.	Net profit+ or loss− per room (column 11÷13).	Number of rooms let for living purposes.	Numbers of rooms let for Shops, Godowns, or Municipal purposes.	Total population	Equivalent Adults.	Maximum permissible population in adults.		Population per acre in largest groups as per column No. 20.
										Population per tenement.	Total population.	
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	22	23	(24)
			Sq. ft.	Rs. as.		Rs.						
3.16	312 1 (Verandah)	3	175	5 10 (a) 7 13	−11.02	275	7—D 30—E	2,497	1,673	5	1,375	1,096
3.22	658 288	4	110 142	5 4 4 15	−9.04	927	19—E	2,970	2,609	4	3,708	
3.28	432	4	177	5 10	−9.69	413	19—E, 1—F	1,997	1,761	5	2,065	
3.88	674	4	125	7 7	−5.64	664	2—D, 8—E	2,966	2,496	4	2,656	1,296
3.07	857	4	135	6 3 6 11	−12.25	845	1—B, 4—C & 7—D	3,262	3,079	4	3,380	1,059
2.38	30	2	160	6 7 6 15	−23.90	30	...	158	144	4½	135	
3.06	278	4	176	8 1	−32.84	222	30—E26—G	1,236	1,067	5	1,110	985
2.47	15	1	120	7 0	−23.93	15	...	...	...	4½	67½	...
3.66	144	4	148	6 7	−6.65	144	...	853	794	5	720	1,280
3.21	144	4	160	6 7	−11.17	144	...	584	525	3½	504	
2.26	64	4	131	7 12	−31.87	64	...	304	277	4	256	...
2.93	481	4	176	5 13	−13.11	479	1—B 1—F	2,674	2,542	4½	2,155½	...
2.54	405	2	176	6 4	−31.04	372	33—G	2,060	1,883	3½	1,302	1,038
1.56	14	1	175	18 0	−218.50	14	...	...	...	5	70	...
1.86	325	4	176	7 3	−69.38	320	4—E 1—F	3,546	2,317	5	1,600	...
1.82	134	4	176	8 0	−75.05	131	3—E	805	585	5	655	...
1.47	246 (b) 160	4	76	7 0	−65.92	240	6—D	1,718	1,259	5	1,200	998
1.56	36	3	62	Rs. 30, 33 & 35	−397.03	36	...	...	...	...	...	...
1.80	72	1	338	Rs. 17, 19, 20 & 22.	−200.78	72	...	...	...	...	...	...
0.78	10	4	325	Rs. 23-0-0	−646.60	10	...	...	...	...	...	...
1.58	1,549	4	176	Rs 5,8,9-8 & 10	−100.23	1,513	20—C 7—D & 9—E,	6,753	6,233	5	7,565	...
1.48	1,305	4	176	Rs 7 & 7-8	−99.08	1,272	25—C, 6—D & 2—E	6,805	6,098	5	6,350	...
1.79	234 (b) 54	4	176	Rs. 7-0	−62.10	228	6—E	1,515	1,096	5	1,140	1,550
2.06	821	4	176	Rs. 8, 8-8, 9, 9-8, 10, 10-8 & 12	−72.32	792	21—E, 1—B, 6—D & 1—F	4,607	4,331	5	3,960	...
1.95	391	4	176	Rs. 8-8, 9, 9-8, 10, 18, 19 & 20	−110.48	385	2—A, 1—B, 1—C, 1—D & 1—E	2,140	1,888	5	1,925	...
2.55	156	4	180	Rs. 8, 8 8, 9 & 10	−76.49	126	23—E 7—G	694	660	5	630	...
2.10	10,075 (b) 214 1 (Verandah)	...	...	...	* +55.33	9,733	343	50,144	43,317	...	44,529	...

* 2—A, 3—B, 50—C, 43—D, 175—E, 1—F, 66—G, = 343.

D.
Estates since the commencement of the late Trust.

THE END OF THE YEAR					One room cols. 8+9+14.	Two rooms cols. 10+15.	Larger cols. 11+16.	Servants' quarters cols. 12+17.	Grand Total cols. 19 to 22.	NET ADDITION (+) OR REDUCTION (−)	
IN LESSEES' BUILDINGS											
One room.	Two rooms.	Larger.	Servants' quarters.	Total cols. 14 to 17						In year cols. 23—5.	To end of year.
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
17,635	7,588	9,829	2,218	37,270	48,680	7,639	9,974	2,380	68,673	30,258	+30,258
...	...	...	...	...	...	...	...	...	...	−50	−50
5	...	1	2	8	5	...	1	2	8	+1	+1
17,640	7,588	9,830	2,220	37,278	48,685	7,639	9,975	2,382	68,681	30,209	+30,209

WATER WORKS.

Subject: *Administration Report for the year 1945-46.*

1. During the year under review I held the charge of this Department.
2. The Report is arranged under the following heads :—

I.—City Water Supply System.
II.—Supply Statistics.
III.—Lakes and their statistics.
IV.—Outside City Branch.
V.—Distribution Branch.
VI.—Waste Prevention Branch.
VII.—Meter Branch.
VIII.—Maintenance Branch.
IX.—Construction Branch.
X.—Survey and Design Branch.
XI.—Works of Interest.
XII.—Works for Improvement of Distribution System.
XIII.—Measures for Civil Defence.
XIV.—General.

I—CITY WATER SUPPLY SYSTEM.

Sources of supply.

3. All the areas in the City except the elevated portions at Mala'ar Hill, Altamount Road, Carmichael Road and Dongri were supplied water by gravity from the Tansa, the Vehar and the Tulsi Lakes.

Tansa Lake.

4. The Tansa Lake which forms the main source of the City's Water Supply is situated sixty-six miles by road from Bombay towards north ea.t. The supply brought from Tansa through the two 72" steel mains and the Duct Line consisting of Syphons, Masonry Duct and tunnels amounted to 93.94 million gallons per day out of the total supply of 115.79 million gallons per day.

Alignment of the 72" 57" mains.

5. The two 72" steel mains, each 0½ miles long, take off from the outlet well and follow the low lying country to the west of the old masonry aqueduct and meet the Kasheli Syphon at Pogaon about 9 miles to the north of Thana whence they run parallel with Kasheli Syphon, crossing the Bassein Creek on the new bridges over which runs the Bombay Agra Road. South of Thana they run parallel with the old duct line; at Bhandup they run southwards and pass under the old masonry aqueduct into the country between the Vehar and Powai Lakes. The two 72" steel mains are reduced to 57" at Powai and a 60" steel main 3½ miles long (Powai-Ghatkopar cross connection) forms a connecting link between the two 72" mains and old duct line. The two 57" steel mains cross the Bandra Creek on an independent bridge situated between Ghodbunder Road and the Railway Bridge whence they enter the City limits and run underground. The total length of the 57" East and West mains (Powai to Gowalia Tank) is 25.75 miles. The 57" East main carries all the supply to the Malabar Hill Reservoir whereas the bulk of the supply from 57" West main is distributed directly to G Ward and other areas, *viz.*, Tardeo, Sleater Road, Gowalia Tank Road, Forjett Street, Gamdevi and a portion of Grant Road.

Alignment of the masonry Duct.

6. The Old duct line follows, as far as practicable, the contour of the country along the ranges of hills between Tansa and Ghatkopar and is tunnelled through the hills at 13 places. The total length of masonry duct is about 23.25 miles and that of the tunnels is 4.25 miles. The intervening valleys have been crossed by 48" Cast Iron and 50" steel pressure pipes in the form of inverted syphons. There are nine such syphons of a total length of 23.75 miles. The duct line enteres the City, as two 48" Cast Iron mains known as the Old and New Tansa mains. The total length of New Tansa main is 26.75 miles, and that of the Old Tansa main is 25.30 miles. The Old 48" Tansa main distributes its supply to the lower parts of the City, *viz.*, Parel, Kalachowky, Sewri, Lamington Road (North) Arthur Road, and a portion of E Ward comprising Souter Street, Clare Road and Byculla, while the bulk of the water from the New Tansa main goes to Bhandarwada Hill Reservoir, and a small quantity is supplied to Parel Village.

Vehar Lake and alignment of 48" Cast Iron main.

7. The next in importance is the Vehar Lake, which is situated 18 miles by road from Bombay towards northwest. About 18.40 million gallons per day were supplied to the whole of the F Ward.

The 48" Vehar main passes through Kurla and crosses the Railway line to Chembur Sluice House where it reduces to 32" diameter and skirts the country from the east of the G. I. P. Railway, entering the City at Vincent Road. A 24" main bifurcates at Kurla which along with the 32" main supplies this part of the Suburb and north of the City, *viz.*, Sion, Dadar-Matunga Estate, Naigaum Estate, Jerbai Wadia Road, King Edward Road, etc.

Tulsi Lake and alignment of 24" Tulsi main.

8. The Tulsi Lake which is situated north of the Vehar Lake supplied 3.68 million gallons per day. A 24" Cast Iron main which runs mostly along the two 57" steel mains is connected to the Malabar Hill Reservoir, but the supply from this lake is given to the Western Suburbs, *viz.*, Bandra, Khar, Santa-cruz, Ville-Parle, Andheri and Marol, which require water at high pressure. The 24" sluice valve at Bandra Sluice House on the 24" Tulsi main is so regulated during the night time when the pressures are very high in the main as to allow a small quantity of water to pass to the City to avoid dead end and consequent stagnation and to prevent pressures in 24" main rising too high on account of less draw off by the Suburbs during the night. The stretch of 24" Tulsi main from Bandra Sluice House upto Haines Road is supplied water from the 57" West main through 12" cross connections at Lady Hardinge Road, Portuguese Church Street and Fergusson Road, and serves entire G Ward.

II.—SUPPLY STATISTICS.

9. The appendix marked 1 gives supply statistics and the quantity of water used for different purposes during the year.

III.—LAKES AND THEIR STATISTICS.

10. The Appendix marked 2 gives information regarding catchment, and lake areas, full supply levels, rainfall, overflow, contents of the lakes, evaporation and absorption losses, etc,.

11. The maximum rain-fall during the year at different lakes was as under :—

Lake.	Date.	Rain-fall
Tansa	13-8-1945	5.40
V har	18 8 1945	9.40
Tulsi	19-6-1945	10.20

The yearly rainfall at Tansa, Vehar, Tulsi and Bombay with the excesses above and deficiency below average rainfall is shown in Appendix 3.

12. The figures of evaporation losses at the lakes for the various months during the year under review are tabulated n Append x 4. The total loss due to evaporation, etc., dur ng April, May, November December 1945 and January to March 1946 was as under :—

Lake.	Loss in million gallons due to evaporation, aosorption and leakage etc.	Loss in million gallons per day due to evaporation leakage, etc.	Loss in million gallons due to evaporation only.	Loss in million gallons per day due to evaporation only.	Equivalent number of days of supply (Evaporation only.)
Tansa ..	5460	22 56	3,642.15	17.18	31 days.
Vehar ..	1364	5.63	1.047.23	4.94	9 days.
Tulsi ..	400	1.65	262.46	1.24	2 days.
Total ..	7224	29.84	4.951.84	23.36	42 days.

13. The number of days the lakes overflowed and the quantity of water lost, etc., are as under :—

Lake.	No. of days.	Quantity of water lost.	Equivalent number of days of supply.
Tansa ..	61	25,264 million gallons.	231 days.
Vehar ..	Did not overflow.		
Tulsi ..	61	1,604 million gallons.	

14. During the period, the Tansa Lake was overflowing 200 million gallons of water were transfererd from it, into the Vehar Lake through the duct line. Had more quantity been transferred, the City's supply would have been affected.

IV.—OUTSIDE CITY BRANCH.

Trunk mains.

15. 197 miles of Trunk Mains of various sizes as per details given below were maintained during the year.

Size of main.	Materials.	Length.
72"	Steel.	81 miles.
60"	Steel.	3½ miles.
57"	Steel.	14½ miles.
50"	Steel (Lockbar).	18 miles.
48"	Steel (Lockbar)	1 mile.
48"	Steel.	1¾ miles.
48"	Cast Iron.	31½ miles.
42"	Do.	¼ mile.
32"	Do.	3 miles.
24"	Do.	15¾ miles.
7'×6'	Masonry Duct including tunnels.	27½ miles.

The cost of materials was met from the grant under 'Materials for General Works and Repairs, Outside City (para. 38) and that of Labour from Permanent Establishment grant (para. 108).

Bursts and leaks on trunk mains.

16. One main burst occured during the year on the 48" New Tansa main at Sion: on 30-1-1946.

The following heavy leaks were immediately attended to—

(*a*) One on the 57" West Tansa main at Mahim on 29-1-1946

(*b*) One on the 72" West Tansa main at Mile 21 (Jamboli Division on 14-11-1945).

The cost of labour was met from the permanent Establishment grant (para. 108) and that of materials from the grant for materials for General Works and Repairs, Outside Bombay (para. 38).

Leaks on the Duct Line.

17. The work of stoppage of some big leaks and that of general repairs (including repair to arching and removal of stones, etc.) was carried out departmentally at a cost of Rs. 3,965. As the condition of the Duct Line has deteriorated resulting in the loss of a large quantity of water at various places, the Corporation has approved of the scheme of reconditioning it at an estimated cost of about Rs. 27 lakhs but its execution has been deferred pending final decision regarding the Schemes of augmentation of water supply to the City.

Shrubs and Jungle.

18. The work of removing shrubs and jungle around the lakes and along the old Tansa Duct Line was carried out to the extent of funds available at a cost of Rs. 2,015 Besides, small shrubs and grass growing on the downstream side masonry of the Tansa Dam were partly removed at a cost of Rs. 500.

19. 70,970 R.ft. of steel mains varying in sizes from 72" to 50" were painted at a cost of Rs. 31,023 in different divisions during the year as per details given below :—

Painting of steel mains.

6,820 R.ft. of 57" mains in Salsette Division with base coat of red oxide of iron and covering coat of graphite.
11,250 R.ft. of 72" mains in Salsette division with 2 coats of black bituminous paints.
1,060 R.ft. of 72" mains in Kasheli division with base coat of red oxide of iron and covering coat of bituminous paint.
1,600 R.ft. of 72" mains in Kasheli Division with two coats of black bituminous paint,
7,920 R.ft. of 72" mains in Jamboli Division with base coat of red oxide of iron and covering coat of graphite.
19,800 R.ft. of 72" mains in Jamboli Division with 2 coats of black bituminous paint.
8,020 R.ft. of 50" main in Mandola Division with 2 coats of black bituminous paint.

Also the bottom (7' wide) strip of the 57" steel mains in the Bandra Creek for a total length of 2,500 R.ft. was painted with Red Lead and Graphite paints at an interval of 2 months, *i.e.*, a total length of 15,000 R.ft. (6×2,500').

20. One mile of 50" new Tansa main (5 furlongs in Mandola division and 3 furlongs in Kasheli Division) was regraded at a cost of Rs. 3,148 and two miles of 24" Tulsi main (in Salsette Division) at a cost of Rs. 3,000.

Regrading of mains.

21. 118 miles of embankment and cuttings, carrying the pipe lines and trolley tracks were maintained during the year, as per details given below :—

Embankment and Culverts.

(1) Culverts repaired .. 8 Nos.
(2) Overbridges repaired .. 2 Nos.
(3) Stone pitching done .. 22,400 square feet.
(4) Earth filling done .. 80,000 C.ft. (Salsette Division).
(5) Do. .. 30,500 C.ft. (Kasheli Division).
(6) Do. .. 64,000 C.ft. (Jamboli Division).
(7) Do. .. 6,000 C.ft. (Mandola Division).
(8) Making up the top of the embankment and trimming and regrading of side slopes—
(*a*) 5.77 miles (Salsette Division).
(*b*) 2.51 miles (Kasheli Division).
( ) 3.59 miles (Jamboli Division).
(9) Number of bends and kinks removed in the trolley tracks—
15 Nos. (Salsette Division).
3 Nos. (Kasheli Division).
4 Nos. (Jamboli Division).

The cost was met from the grant under Maintenance of Trolley Track, Embankment etc. (paragraph 25).

22. Out of a total length of 81.5 miles of trolley track, only 65 miles were maintained to the extent of funds availble. The cost was met from the grant under Maintenance of Trolley Track, Embankments, etc. (para. 25).

Trolley Track.

23. The Loco covered 4,705 miles (a total of 50,273 miles since its purchase). The average cost of haulage including labour and material during the year under report was Annas 13. pies 9 per mile against Annas 9 pies 6 per mile in 1944-45. The reasons for the higher rate were (*a*) higher cost of materials, repairs, etc., and (*b*) the Loco was idle for 160 days during the year on account of spare parts not being easily available.

Diesel Loco 'IVON'

24. Light transport was carried out by push wagons and push trolleys. The number of push wagons and trolleys maintained during the year was 51 and 35, respectively. In addition to this, five tip wagons were used for embankment work. The total mileage for these vehicles came to about 2,65,000.

Push Wagons.

25. The cost of the works mentioned under paragraphs 21, 22, 23, 24, and 34 was about Rs. 78,463 and was met from the grant under "Maintenance of Trolley Track, Embankments, Culverts, Bridges, Cuttings, Accommodation Roads and other incidental works."

Cost.

26. Four heavy type and five light motor trolleys as per details given in Appendix 5 (which also gives list of Plant and Machinery in the Outside City Division) were maintained during the year. The total mileage covered was 47,420 at a cost of Rs. 11,000 (*i.e.*, annas 3 and pies 9 per mile), which was met from the grant under Maintenance of Motor Trolleys. The grant was supplemented by Rs. 1,000 on account of high prices of materials, etc.

Motor Trolleys.

27. The Tansa Atgaon Road which links the Bombay Agra Road with Tansa, was maintained by the Forest Department as usual, and the cost was shared jointly by the Municipality and the former party. As the Forest Department had not maintained the road in a satisfactory condition probably for want of sufficient funds and proper facilities for repairs, it was proposed to take over the maintenance of the road from the Forest Department after regrading, realigning, remetalling, repairs to culverts, etc.. For this purpose a complete survey of the road was made by this Department, but as the cost worked out prohibitive, the proposal of Heavy Repairs and taking over of the maintenance works by the Municipality had to be deferred.

Tansa Atgaon Road.

28. (*a*) *General.*—Water was sterilized by chlorine treatment consisting of Ammonium Sulphate solution and Liquid Chlorine in case of Tansa and Vehar supplies. For Tulsi supply Liquid Chlorine and Anhydrous Ammonia were used.

Sterilization of Water Supply.

The Tansa supply was sterilized at the chlorination plants at Powai and Chatkopar Cross Connection.
The Vehar supply was sterilized at the chlorination plant at Powai.
The Tulsi water was sterilized at the filtration house near the Tulsi lake.

(*b*) The minimum and maximum doses of Chlirine, Ammonia and Alum administered to the Tansa, Vehar and Tulsi waters were as given below :—

Doses.

Supply.	Chlorine dose in p.p.m.p.		Ammonia Dose in p.p.m.p.		Alum Dose in grains per gallon.	
	Minimum.	Maximum.	Minimum.	Maximum.	Minimum.	Maximum.
Tansa	.41	.74	.04	.19	*Nil.*	*Nil.*
Vehar	.55	.87	.05	.19	*Nil.*	*Nil.*
Tulsi	1.5	2.27	.19	.57	.42	.46

The total quantity of various chemicals used was as under :—

Chlorine.	Ammonia.	Ammonia Gas.	Alum.
2,64,223 lbs.	1,29,427 lbs.	2,623 lbs.	68,320 lbs.

(*c*) The total expenditure incurred on sterilization of Tansa, Vehar and part of Tulsi Waters including the cost of materials, chemicals, analysis charges, repairs, maintenance and establishment was Rs. 2,28,360. The cost per one thousand and for one million gallons works out to 1.03 pies and Rs. 5.40, respectively.

Cost.

(*d*) The cost of alum and chlorine treatment for Tulsi Water was about Rs. 48,500 (cost shared between Government and the Municipality in proportion to the quantity of water consumed by each of these bodies), out of which a sum of Rs. 16,131 was borne by Government and the balance included in (*c*) above.

(*e*) No part of the supply was filtered during the year. The work of re-conditioning and overhauling the filters and other machinery at Tulsi at an estimated cost of Rs. 34,570 was completed during the year, except the regrading work of the filter beds which could not be done for want of special quality of sand. The Government have now been requested to make arrangements for delivering the same on site. The total expenditue incurred upto date is Rs. 8,180.

Filtration.

(*f*) Samples of water from lakes and mains were tested at the field laboratory at Powai for usual analysis in regard to properties, *viz.*, solid contents, alkalinity pH value etc., thus providing valuable infomation about the quality of water supplied to the City.

Field Laboratory.

Tests for residual chlorine were also taken at Sion, Thana Road, Powai, Ghatkopar and Bandra and the doses of chlorine adjusted according to the needs.

(*g*) In order to keep the standard of residual chlorine in the water mains inside City an extra dose of chlorine was injected into the Malabar Hill and Bhandarwada Hill Reservoirs At the Malabar Hill Reservoir the extra dose was injected by the pressure type injector chlorinator installed in 1943-44 by Messrs. Candy Filters (India), Ltd. An order was placed with the same firm for a chlorinating plant for the Bhandarwada Hill Reservoir and the plant was received by the end of the year and is awaiting erection.

Rechlorination.

As the samples of water from the 24" Frere Road main were found to be below the bacteriological standard, it was continuously chlorinated by means of portable chlorinating plant of the gravity feed injection type as per details given in the Appendix 6.

About 9,325 lbs. of chlorine were consumed for chlorinating inside City as against 27,000 lbs. of chlorine during the preceding year. This quantity has been included in the total amount of chlorine referred to in para. (*b*) above. Besides, certain water mains (water from which did not show good results on analysis) were rechlorinated by means of portable chlorinating sets. In addition to the continuous chlorination of the 24" main in Frere Road, about 21 rechlorination jobs were carried out during the year as per details given in Appendix 6.

29. Fortnightly bacteriological and chemical tests of water after chlorination from trunk mains outside the City and occasional tests from trunk mains in the City were carried out throughout the year by the Municipal Analyst. In all 435 samples were taken from various points on the trunk mains within and outside the City. The results show that out of 435 samples 433 samples gave negative reaction of B. Coli in 100 and two samples in 5. Out of 435 samples, 79 samples were taken from the main which supply water to the Bombay Port Trust area and the 2 bad samples were from 24" main in Frere Road. The expenditure under this item was met from the grant under Chlorination. It will be seen that the high standard of purity as laid down by the Ministry of Health in England continued to be maintained during the year.

Bacteriological and Chemical Analysis of water.

30. The private telephone system 61 miles long with 25 stations Outside City was maintained through the Posts and Telegraphs Department at a cost of Rs. 10,899. The system was not working efficiently and the Indian Posts and Telegraphs Department were requested from time to time to rectify the defects, but the whole system continued to work inefficiently. The question of maintaining a private telephone line departmentally is the only solution, but it has to be deferred till the cost of materials, etc., comes down. 7 telephone exchanges were maintained by the Indian Posts and Telegraphs Department at Ghatkopar, Powai, Bandra, Sahar, Thana Road, Sion and Marole.

Telephone System.

During the year the Switch Boards and operating devices at Ghatkopar, Kapurbavdi and Tansa were improved by suitably modifying the existing instruments.

31. The repairs and painting to some of the Water Works buildings as per list in Appendix 7. were carried out departmentally to the extent of funds available. The following works of repairs and painting were carried out during the year.

Building Repairs.

(1) Providing ventilators to workmen's quarters at various places.
(2) Repainting and renewing tiles of Thana Road Cabin.
(3) Repairs to Cement Godown, Trolley shed and tool room at Chatkopar.
(4) Provision of weather sheds at staff quaters at Chatkopar cross-connection.
(5) Repairs to Sub-overseer's quarters and Inspection Bungalow at Vehar.
(6) Repairs and re-painting the Stores and Dispensary Building at Powai.
(7) Repairs to upper Bungalow and S. O.'s quarters at Tansa.
(8) Re-painting the Inspection Bungalow at Khaling.

The total expenditure incurred was Rs. 12,482.

Venturi Meters.

32. Nine Venturi Meters for recording discharge of water through various Trunk Mains in the outside City Division were maintained in working condition, except the Venturi Meters on the 32" and 24" Vehar mains which were under repairs. The cost of maintenance and repairs of these meters was met from "Meters" grant mentioned in paragraph 59. As some of these meters have been in service for over 30 years it is proposed to replace them by new ones.

Hydraulic Fittings. Appurtenances, etc.

33. 179 hand operated penstock gates and sluice valves varying in sizes from 12" to 48", 90 pressure gauges, and recorders, 29 burst alarms and 123 air valves were oiled, greased and maintained. The cost of mateials was met from the grant under "Materials for General Works and Repairs, Outside City, (para. 38) and that of Labour from 'Permanent Establishment grant'. (para. 108). During the year two hydraulically operated sluice valves of 36" size were converted into hand operated ones, at Powai, at a cost of Rs. 6,425 which was met from the special grant under 'Plant and Machinery' (para. 118).

Gardens.

34. The seven gardens outside the City, *viz.*, at Tansa, Vehar, Tulsi, Powai, Vehar Bungalow, Ghatkopar Cross Connection and Ghatkopar Yard, were maintained during the year, from the "Repairs to Embankments, etc., grant outside City" (cost included in para. 25).

Visitors at the lakes.

35. The numbers of visitors to the two lakes, *viz.*, Tansa and Vehar were about 151 and 20,440, respectively. The number of visitors to Tansa was less due to the rationing of petrol, and transport difficulties.

Campaign against Trespass.

36. The campaign to prevent trespass in the catchment and the lake areas was continued during the year and 311 and 231 heads of cattle were impounded at Tansa and Vehar respectively. As there is no suitable cattle pound near the Tansa Lake the proposal of providing one at a cost of Rs. 1,875 on the west of the Tansa Duct Line at mile 0, furlongs 2, has been approved by the Corporation and the work threreof has been entrusted to the District Local Board, Thana. 524 cattle heads were also impounded along the trolley track.

As the land for the proposed cattle pound near Tansa Lake has been deforested the Collector of Thana has now been requested to take up the work of construction of the pound at the cost of the Municipality.

Vaitarna Gaugings.

37. Details of gauging, etc., are given in Appendix 8. The cost of this work was met from special grant provided under B.—Repairs and Maintenance, II.—Extra-ordinary.

Cost of Repairs.

38. The total cost of materials for General Works and Repairs, Outside Bombay for items in paragraphs 15, 16 and 33 was Rs. 14,593.

Lighting sets.

39. The lighting set at Tansa was maintained in working condition throughout the year. The old lighting set at Powai could not be worked economically for want of storage batteries. Improvement to the lighting set at Tansa was made by providing a flexible coupling between the engine and dynamo for smooth working.

The total cost for upkeep, repairs and maintenance amounted to Rs. 1,906 which was met from the grant provided under Maintance of Lighting Sets at Tansa and Powai."

Extra-ordinary works.

40. (*a*) *Algae Growth*—Copper Sulphate was used for destroying algae in the Vehar Lake. The expenditure incurred during the year was Rs. 1,823. The expenditure includes the cost of Rs. 96 for the purchase of 200 numbers of gourami fish.

(*b*) *Repairs to Emabankments* :—

Place and Mileage	Earth works C.ft.	Stone pitching sq. ft.	Cost. Rs.
(1) Between Kurla and Chembur Cabin	37,000	3,000	3,500
(2) Between Rasiwalla Bridge and G. I. P. Railway, Kurla	25,000	5,000	5,000
(3) Between Mile 29/6 furlongs and 30/6 furlongs Kasheli division	14,000	5,100	3,000
(4) Syphon No. 6	20,500	8,500	5,000
Total	96,500	21,600	16,500

Patch plating the leaks on steel mains.

(*c*) About 290 square feet of $\frac{3}{8}$" thick patch-plates were welded to the badly corroded portion of the 48" 57" and 72" steel mains in Salsette and Kasheli divisions. The expenditure incurred during the year was Rs. 1,579.

Strengthening the expansion joints etc.

(*d*) 4 expansion joints on the 57" mains, one expansion joint on 60" main in the Salsette division and one expansion joint on the 72" main in Jamboli division were strengthened.

Strainers for Tulsi.

(*e*) With the exception of M. S. angles required for the job, all the materials necessary for repairing the the existing strainers were obtained and work was partially completed. The expenditure incurred during the year was Rs. 1,917.

Re-painting the old Bassein Creek bridges etc.

(*f*) The remaining 8 spans of the Old Bridge No. 2 were painted with red lead as base coat and graphite paint as covering coat. The expenditure incurred during the year was Rs. 6,876.

Repairs to Tansa Dam downstream side below the waste weir.

(*g*) A length of about 600 R.ft. of the downstream face of the dam below the waste-weir was repaired at a a cost of Rs. 3,952.

Flattening the side slopes along the trolley track and pipe line in Jamboli Division.

(*h*) In miles 20 and 21 the slope of the cutting was flattened by removing the excessive earth, boulders, etc., 3,000 R.ft. of slope was dressed by removing 1,00,000 C.ft. of earth, boulders, etc., at a cost of Rs. 4,997.

Remodelling the Bandra Cabin.

(*i*) The Bandra cabin is a ground and first floor structure accommodating the Sluice Valve on the ground floor and linemen's quarters on the first floor. Its frontage was remodelled by replacing the timber flooring of the living rooms on the 1st floor by R.C.C. slabs and extending the verandah portion of the cabin at a cost of Rs. 4,000.

Reconstruction and widening of 2 culverts at Newada Syphon.

(*j*) As the existing two culverts at Newada Syphon were inadequate to take the flood discharge they were suitably widened and re-constructed at a total cost of Rs. 1,610.

Casting.

41. Considerable difficulty was experienced in getting castings and several works involving the use of castings had to be done either towards the end of the year or left undone.

V.—DISTRIBUTION BRANCH.

Distribution.

42. For the purpose of distribution of water, the City was divided into three main divisions.

(*i*) South and part of West (coloured blue and khaki on the plan in Appendix 9.
(*ii*) Part of East (coloured mauve and yellow) and
(*iii*) Part of East, part of west and North (coloured green and pink).

The area under (*i*) is served by the Malabar Hill Reservoir which has a storage capacity of 30.5 million gallons. The high level areas of Ridge Road Carmichael Road and Altamount Road were served from the 60,000 gallons capacity elvated tank at Malabar Hill Reservoir to which water is pumped by five electrically driven pumps (three of 40 Horse Power each and two of 26 Horse Power each) situated in the basement of the control room.

The area under (*ii*) was served by the Bhandarwada Hill Reservoir which has a storage capacity of 20 million gallons. For the high level localities of Dongri and Mandvi, the pressure was boosted up by two electrically driven pumps of 75 Horse Power each, situated in the basement of the control room at the Bhandarwada Hill Reservoir.

The area under (*iii*) was served directly from the trunk mains in the absence of Service Reservoirs. A Scheme estimated to cost about Rs. 60 lakhs for providing balancing reservoirs on the Worli and Rowli Hills to serve the north of the Island was submitted to the Corporation in 1939. During the year the Corporation sanctioned the staff required for its detailed survey and for the preparation of the Plans and Estimates. The work will be taken up shortly.

To bring as much water as possible to the Malabar Hill Reservoir, the 72″>57″>36″ east main was kept entirely isolated from Tansa to Malabar Hill Reservoir. It brought 26 to 31.9 million gallons per day according to the level of the lake. The 72″>57″ west main is drawn upon to the extent of about 20 million gallons per day during supply hours directly at various places in the City, particularly for the west portion of the north of the Island (coloured green). During non-supply hours about 3 to 4 million gallons per day (additional) were taken to the Malabar Hill Reservoir from this main. The 48″>36″ New Tansa Main supplied about 18 million gallons per day to the Bhandarwada Hill Reservoir and about three million gallons per day (additional) to Parel Village area directly through the 18″ main in King Edward Road. The 48″ old Tansa main along with 32″ and 24″ Vehar mains supplied about 16 million gallons per day of water directly to the East portion of the North of the City (coloured pink).

Hours of supply and quantity per day.

43. As the Tansa Lake had stopped overflowing at the end of August 1944, it was possible to bring only 106 million gallons per day upto the end of June 1945 and the total hours of supply were nine. During the rainy season as much as 130 million gallons per day were brought and the hours of supply were increased to ten. This year the Tansa Lake stopped overflowing on 29th September 1945 and 116.7 million gallons of water were supplied per day from 18th October 1945 to the end of the year. The different localities were supplied water as shown in Appendix 10.

Fire Attendance.

44. The Assistant Engineer, in charge of Distribution together with the Assistant Engineer Waste Prevention and the other staff gave immediate attention to every fire throughout the year The total number of firecalls received from the Fire Brigade Department and attended to was 1,132(over 3 calls per day on an average) as against 796 during the previous year,380 of these calls were false and the total quantity of water used on fire as well as on the way when the supply was turned on was about 62 million gallons). (.05 Million gallons per call). The water supply in each case was regulated according to the needs of the situation and sufficient supply was made available in every case. The number of firecalls during the year is the highest recorded so far.

Control System.

45. The disribution of water to all parts of the City as well as for extinguishing fires was controlled at the Babulla Tank Control Station under the direct instructions of the Assistant Engineer, Distribution Branch. This Control Station was manned continuously for 24 hours of the day and all variations in pressures, supply, and heights in reservoirs were recorded thereat every half hour. The Manipulation of different inlet and outlet sluices in the different Wards for regulation of supply from the trunk and distributory mains was carried out by the staff stationed at the reservoirs and at the different Wards as per instructions issued to them by the Babulla Tank Control Station, All complaints etc., given on Telephone by the General Public in connection with water supply and for wastage of water were received and transmitted to the different wards for action by the Babulla Tank Control Station. One Sub Control Station was maintained at Futka Tank Matunga for regulating water supply from the trunk mains in case of fire and other emergencies particularly in the North of Island. Two additional Sub Control Stations were maintained. One at Lady Hardinge Road and the other at Gokhale Road South in G Ward for regulating the supply to the G Ward area (colured green) in case of emergency and for daily supply. All the Ward Offices, Sub Control Stations and reservoirs which are connected by telephone (direct lines) with the Babulla Tank Control Station were manned continuously day and night. In view of the importance of the Control Station at Babulla Tank and the increase in work three Sub-Overseers remained on duty in shifts of eight hours each. The number of sluice valves operated for the regulation and distribution of water supply and the details of staff employed is given in Appendix 11. The cost of the staff was met from the grant under A.—Establishment and Labour, II.—Establishment (Paragraph 108).

Telephone System in the City.

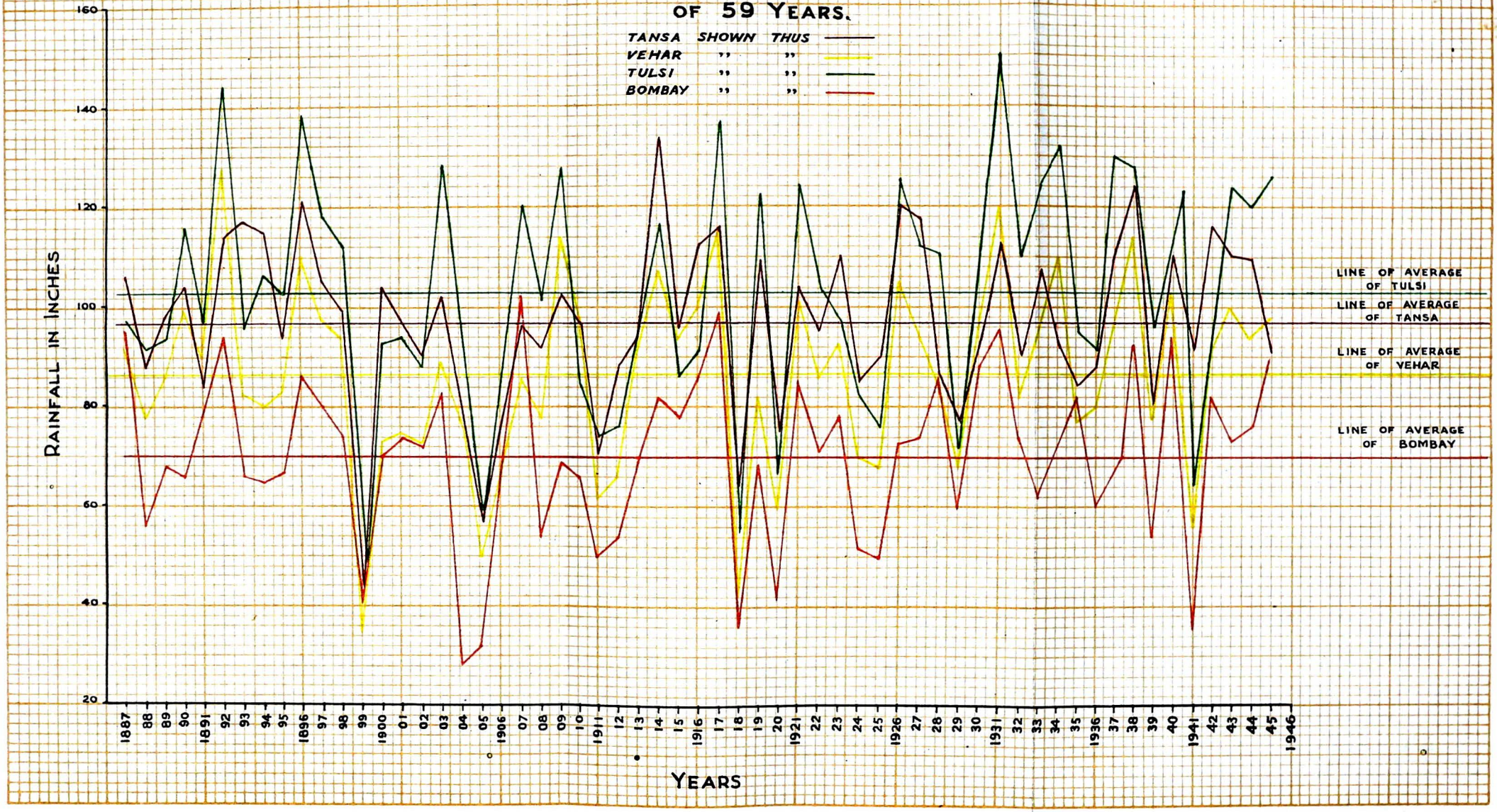
46. Six direct exchange lines were maintained for the Distribution Branch, two at the Babulla Tank Control Station, one at Bhandarwada Hill Reservoir and one each at Futka Tank, Lady Hardinge and Gokhale Road South Emergency Stations. Eleven extensions from the Babulla Tank Exchange were maintained for the Malabar Hill and Bhandarwada Hill Reservoirs, the different wards in the City, A. E. D's office and Quarters and Byculla Fire Brigade Besides five Exchange Lines for residences and four for offices were maintained. The total cost during the year for these lines along with the cost of 7 telephone exchange lines mentioned in paragraph 30 was about Rs. 19,666 [which was met out of the grant under D.—Miscellaneous, I.—Rent.]

Fountains and Cattle Troughs.

47. 78 drinking fountains, 17 cattle troughs, 37 drinking fountains and cattle troughs (combined), 61 stand post pipes and 2 dipping wells, as per details given in Appendix 12, were open to the general public throughout the year and were maintained in clean condition. Repairs to the fountains, cattle troughs and stand pipes were carried out departmentally at a total cost of Rs. 1,036 (which was met out of the grant for repairs to fountains and cattle troughs in various parts of the City.)

APPENDIX 3
(PARAGRAPH 11)

GRAPH SHOWING
ANNUAL RAINFALL IN INCHES FROM 1887
AND EXCESS ABOVE AND DEFICIENCY BELLOW AVERAGE RAINFALL
OF 59 YEARS.



G.P.P., POONA. 1946.

Wells.

48. There were 18 Municipal wells as per details shown in the Appendix 13 out of which water was used by the public from three wells *viz.*, (1) Junction of Mayo Road and Churchgate Street, (2) Mayo Road in the High Court Compound and (3) Worli Koliwada.

The remaining 15 wells were kept hermetically sealed. The cost of materials and labour was met from the grant under B.—Repairs and maintenance, I.—Ordinary, Materials for gneral works and repairs in Bombay (paragraph 73) and that for labour from III labour (*a*) Permanent (paragraph 108).

Gardens.

49. (*a*) The garden along the slopes of Gibbs and Ridge Roads (known as hanging gardens) Sir Pherozshah Mehta Gardens on the top of the Malabar Hill Reservoir, Joseph Baptista Gardens on the top of the Bhandarwada Hill Reservoir and Ladies' and Children's Gardens at Ridge Road were mainted during the year at a cost of Rs. 9,216 (mostly materials) which was met out of the grant under XI.—Maintenance of Reservoirs, Hanging, Hughes Road, Chowpatty etc., Gardens. The cost of labour (133 Nos.) was met from the grant under A.—Establishment and Labour, III.—Labour, (*a*) permanent (para. 108). The details of the labour staff employed, areas of the gardens, length and width of pathways and opening and closing time of the various gardens is given in Appendix 14.

It is of interest to note that the site of Ladies' and Children's Gardens at Ridge Road was taken over in the year 1944 by the Municipality on lease from Government on the following conditions:—

(1) That the Municipality shall pay to Government ground rent of Rs. 2,500 a year.

(2) That the Municipality shall lay out a public garden on the plot, and maintain it as such, until such time as the work of extending the Malabar Hill Reservoir is taken in hand

(3) That on the expiry of 30 years from the date of taking over or as soon as the work of extending the reservoir is taken in hand whichever is earlier, the Municipality shall pay to Government the full price of the land according to the Market value then prevailing or an annual rent calculated at 4 per cent. of such price.

(4) That in the even of a dispute arising with regard to the valuation it would be settled by Arbitration.

(5) That if at any future date, Government decided to dispose of the Bishop's Lodge and its compound adjoining to this garden the Municipality would be given the first option to purchase the land.

The garden was designed by and the lay out and construction work was carried out under the direct supervision and guidance of Mrs. Amy E. Nadirshah who takes considerable interest in the other gardens in charge of this department, *viz.*, Sir Pherozshah Mehta Gardens and Joseph Baptista Garden which were also designed and laid out by her. The design offers a very nice combination of terraces, flower beds, lawns, galleries Rockeries and Walks. The garden was opened to the Public (Ladies and Children only) on 21st March 1945 by His Worship the Mayor (Mr. Nagindas T. Master, B.A., M.L.A.).

Nuisance of Hawkers at the gardens.

(*b*) Strict vigilance was kept to stop the nuisance of hawkers entering the gardens or selling their goods in the surrounding area. Ten hawkers were detected during the year and handed over to the Police and fined Rs. 3 to 5 each in the court of Hon. Presidency Magistrates.

Sir Pherozsha Metha Centenary.

(*c*) The Centenary of Sir Pherozshah M. Mehta, the "Lion of the Corporation", fell on 4th August 1945, and on this occasion, the Sir Pherozshah Mehta Gardens at the Malabar Hill were tastefully decorated and profusely lighted. As the lighting restictions were not fully relaxed, a special permision from Government was obtained. The band of St. Mary's Boys High School played a special programme in the evening as a part of the celebration programme. Expenditure incurred was Rs. 500 which was met from the grant specially sanctioned for this purpose.

Vegetable, Fruit and Flower Show.

50. At the Vegetable, Fruit and Flower Show held at Victoria Gardens, Byculla, on the 9th and 10th March 1946, Sir Pherozshah Mehta Gardens, Joseph Baptista Gardens, and the Ridge Road Garden for Ladies and Children competed under different classes.

Sir Phirozshah Mehta Gardens won the following prizes:—

(1) Municipal Commissioner's cup for Public Gardens.

(2) Eleven first prizes for sweet peas, Champa, Phlox, Pinks, Salvia, Nursery plants, Palms, Asters Collection of flowering annuals and Crotons.

(3) Ten 2nd prizes for Pinks, Carnations, Larkspurs, Sweet peas, Palms, Phlox in pots, Dhalias, Coleuses and best arrangement of plants in a space of 100 sq. ft.

(4) Two Malis also won 1st and 2nd prizes for baskets, bouquets and Button holes.

(5) A special prize in cash from Mrs. Nadirshah was awarded for best plot maintained at Sir Pherozshah Mehta Garden.

The Joseph Baptista Gardens carried six first prizes for palms, Crotons, Annuals, Pink salvias and Phlox and seven second prizes for dalhias, coleuses, larkspurs, flowers in pots, sweet peas, button holes and baskets of cut flowers.

The total amount collected in cash prize was Rs. 256 including Rs. 41 for malis. Besides cups worth about Rs. 150, were won.

Short supply complaints.

51. On account of increase in population, more demand for water for Industries and War purposes and reduction in the Quantity of water supplied during the hot months (due to failure of 1944 monsoon) many short supply complaints were received. This entailed very heavy work on the distribution staff. The number of short supply complaints received and attended during the year was 3223. With a view to meet the situation (as far as possible) considerable regulation of supply has to be done by operating various sluice valves in the City and the service reservoirs. The number of short supply complaints received and attended to month by month for the last 13 years is given in Appendix 15. A number of these complaints, though true, could be traced to ill-feelings betweens the land lords and tenants as a result of the operation of the Rent Act.

Orders for Disconnection of water supply.

52. The number of cases reported to the Standing Committee for severing water connections for non payment of taxes was 66 as against 99 in the previous year. Disconnection orders were, however, issued in 50 cases only; out of which in 22 cases they were not enforced owing to the requirements having been complied with. In 32 cases, supply was closed and subsequently restored on compliance with the requirements.

Notices and prosecutions.

53. On receipt of short supply complaints, when it was observed that they were due to want of insufficient number and size of connections, storage, pumping arrangement, etc., suggestions were made to the owners in 445 cases. The Municipal Commissioner's notices under Section 271(2) and 274(1) of the Municipal Act issued in 200 cases, and prosecutions were launched in 146 cases. The number of convictions was one and 56 cases were withdrawn after compliance with the notice or part thereof and 89 were pending decision.

Besides, 5,584 notices were served on the owners for defects in water fittings of private premises and 125 notices for infringement of the provisions of the Municipal Act and for violation of Bye-laws relating to Water Works during the year under Report. Arising out of these notices 433 prosecutions were launched before the Hon. Presidency Magistrates and the number of convictions was 274 and the amount of fines recovered was Rs. 5,994, which works out to Rs. 22 per conviction.

Disturbances.

54. The year was marked by sporadic disturbances in the City for various reasons and as a consequence damage to the extent of about Rs. 15,000 was caused to water fittings.

Another bad feature of the disturbances was the large amount of water wasted and the great personal risk to which the staff were subjected in the course of their duties during these days. The staff deserves credit for carrying out their duties in normal way during these disturbances.

VI.—WASTE PREVENTION BRANCH

Testing of mains by Decon Meter and sounding.

55. The total length of water mains upto 9" size tested for leakage by Decon Meters was about 204 miles as against about 253 miles during the previous year. The total length of mains above 9" in size tested by soundings was about 122 miles as against 119 miles during the preceding year. One gang of the Waste Prevention Branch was utilised for assisting the staff of the Distribution Branch for opening and closing of sluices in D Ward. The total cost of testing mains and investigating leaks (materials only) was about Rs. 2,500 during the year which was met out of the grant under D.—Miscellaneous III.—Testing Mains and Investigating Leaks.

Checking wastage in Private premises.

56. With a view to check wastage and to gauge the waste that occurs during the high pressure hours, early morning house to house inspections were made twice every week as an experimental measure through the limited staff at disposal. The results so far obtained have been very encouraging and have contributed to make the public more watchfull of wastage and to take immediate steps. During the year, 1850 notices were served for stopping wastage: but most of the notices were promptly attended to and Court action had to be taken only in 83 cases. Proposals are before the Municipal Commissioner to appoint special staff for house to house inspection.

Defects in water mains

57. 15,215 defects in the Distribution System were detected and repaired, of which 6,482 were underground and 8733 aboveground. Particulars of defects detected and remedied, the number of diagrams taken and wastage checked during the year is given in Appendix 16.

VII.—METER BRANCH

Staff and Revenue.

58. The total revenue derived from water supplied by meter meausrement was Rs. 83,27,724 during the year, which shows a net increase of Rs. 13,65,824 over the previous year. This was partly due to more rigid inspection by meter staff and partly due to increase in rates in respect of concerns occupied as Boarding Houses, Boarding and Lodging Houses, Textile Mills, Dyeing and Bleaching Mills, Race Course and the properties belonging to the Bombay Port Trust. The increase in revenue in the former case on account of new meters fixed on various trade connections which were formerly unmetered during the year and on account of meters exchanged for periodical tests amounted to Rs. 97,213. The cost of meter staff during the year amounted to Rs. 22,440 and is included under Establishment (Paragraph 108).

Meters.

59. Meters of sizes varying from ½" to 6" were maintained from the grant under Meters during the year at a total cost of Rs. 28,632, which includes the cost of maintaining venturi meters, 728 meters were exchanged and 4910 meters were repaired during the year. 72 meters were fixed on new connections and 143 meters were removed from the existing connection as either the properties fed from these were charged on valuation basis or as a result of cessation of Hostilities, the Military Authorities had removed the temporary hutments used as camps. Due to the difficulty of getting new meters as well as spare parts for repairs, small trade concerns had to remain unmetered, as preference had to be given to those concerns where the use of the meters could result in a larger revenue to the Municipality. However, efforts are being made to see that as many of these cases as possible get a metered supply. For the same reasons 45 connections were charged on their discharging capacity and 11 on *pro rata* basis.

VIII.—MAINTENANCE BRACH

Repairs and Upkeep of Plant, Machinery, Instruments, Equipment, etc.

60. Various Plants and Machinery, Equipment, Instruments, etc., (as per details given in Appendix 17) in the Inside City Division were maintained to the extent of funds available, in the Workshop attached to the Maintenance Yard at DeLisle Road, which comprises of different shops, such as, Meter Shop, Testing Shop, Machine Shop, Painter Shop, Carpenter Shop, Smith Shop, Motor Vehicles servicing and Repair Shop etc. In all about 4,547 repair works were executed during the year in these shops and about 1,489 welding and cutting jobs were carried out with the sight-feed oxy-acetylene plant. The cost of materials was met from the grant for Materials for General Works and Repairs in Bombay (paragraph 73), and that of labour from the Establishment Grant (paragraph 108).

Maintenance of Pumping Engines and Plant at the Reservoirs.

61. The following pumping sets were maintained at Malabar Hill and Bhandarwada Hill Reservoirs during the year at a Total cost of Rs. 21,261, which was met from the grant under D.—Miscellaneous. IV.—Maintenance of Pumping Engine and Plant.

Item No.	No. of Units.	Out put B.H.P.	Location.	Remarks.
1	3	40 each ..	Malabar Hill Reservoir Control Room.	For elevated tank at Malabar Hill Reservoir.
2	2	26 each ..	Do. do.	Do. do.
3	2	7.5 and 3.5 ..	Sir Pherozshah Mehta Garden,	Fountain arrangement.
4	1	1 ..	Malabar Hill Reservoir, near Malis' quarters.	For pumping the effluent from Malis' quarters at Malabar Hill Reservoir.
5	2	75 each ..	Bhandarwada Hill Reservoir, Control Room.	For elevated locality of Dongri and Mandvi.
6	1	10 ..	Bhandrawada (Hill) Reservoir, near Air Compressor Station.	For Joseph Baptista Garden.

Under Item 1, one of the pumping Units which had served its useful life was replaced by a new one of the same H.P. and the latter was put into commission in July 1945. The cost of the above work was met from the grant under Plant and Machinery from Special Funds (paragraph 118).

62. 385 miles of water mains as per details given below were maintained during the year.

Maintenance of water mains and number of bursts.

Size.	Length in miles.	Remarks.
57"	11.5	Steel mains.
48"	13.75	Cast Iron mains.
36"	4.15	Do.
32"	12.37	Do.
30"	4.37	Do.
28"	0.50	Do.
27"	7.52	Do.
26"	0.75	Do.
24"	24.69	Do.
22"	1.75	Do.
21"	0.75	Do.
20"	0.50	Do.
19"	0.12	Do.
18"	7.35	Do.
17"	0.25	Do.
16"	1.37	Do.
15"	4.63	Do.
14"	2.503	Do.
13"	0.75	Do.
12"	23.25	Do.
11"	0.25	Do.
10"	1.88	Do.
9"	39.99	Do.
8"	4.25	Do.
7"	7.31	Do.
6"	112.87	Do.
5"	45.04	Do.
4"	29.441	Do.
3"	21.16	Do. (including hydrant mains).
Total	385.14	Miles

There were fifteen bursts on various mains as per details given in Appendix 18, which were repaired promptly. In addition to this, 18,843 works pertaining to repairs to communication pipes, fire hydrants, road surface boxes, cleaning of chokes in service pipes etc., were carried out. The cost of materials was met from the grant for Materials for General Works and Repairs in Bombay (paragraph 73) and that of labour from the Establishment Grant (paragraph 108).

63. The total number of water connections to different premises in the City was 52,163 *i.e.*, a nes increase of 411 over the last year's number. The number of new water connectiont made by the Maintenance Branch during the year was 454 against 417 during the preceding year. 43 connections were dis-connected on account of the demolition of old buildings and for various other reasons. The cost of materials for 72 connections out of 454 new connections made was met by the Municipality and debited to the grant under Materials for General Works and Repairs in Bombay (paragraph 73) and that of the labour to the Establishment grant (paragraph 108). The cost of road repairs for these connections was met from the grant under 'Repairs to Roads over Trenches' (paragraph 65). 382 works of giving connections, etc., to private parties were carried out at their cost amounting to about Rs. 21,357.

Number of water connections.

64. The details of the 41 buildings (Inside the City) in charge of the Water Works Department are given in Appendix 19. Out of these, 15 buildings were repaired as per details given in the Appendix 20 at a total cost of Rs. 11,267 from the grant under B.—Repairs and Painting to Water Works Buildings inside Bombay.

Repairs to Buildings.

Trenches.

65. 4,921 trenches, each varying in length from 5 ft. to 100 ft. were excavated for trial pits and for general repairs and maintenance works all over the City. All the trenches were restored through the City Engineer's Department at a cost of Rs. 50,154 which was met from the grant under Repairs to Roads over trenches opened by the Water Works Department.

Transport.

66. Seven Motor lorries as per details given in Appendix 21 and 23 hand trucks were maintained during the year for transport of materials, etc., at a cost of about Rs. 14,876 which was met from the grant under Cartage and Transport of materials. One lorry was scrapped in July 1945 and for the rest of the year only 6 lorries were working. The total mileage covered by the Motor lorries during the year was 48,110 miles, the cost per mile was 4.73 annas. Three motor lorries were stationed during the night time for fire service one each at Babula Tank, F Ward and G Ward Offices. 6 Rubber tyres and 11 tubes were purchased during the year. All the motor vehicles belonging to the Water Works Department were granted Essentiality permit E(a) under Section 7 of the Motor Vehicles Spare Parts Control Order (1943).

Testing of Water Fittings.

67. The testing of galvanised iron pipes (½" to 4") cast iron pipes (3" to 48"), galvanized iron fittings such as couplings, bends, tees, elbows, etc. brass and gunmetal fittings, such as ferrule-stop and bib-taps, waste-not taps, ball taps, pillar taps, globe taps, sluice valves (3" to 30"), underground and standpost hydrants, cast iron and porcelain water-closet cisterns with their fittings, canvas hose pipes etc., was carried out during the year at the Water Works Workshop, Chinchpokli. The total number of such pipes and fittings tested as per details given in Appendix 22 was 43,499 (27,121 from private parties and 16,378 pertaining to Municipal works), which included 347 second-hand galvanized iron and Cast Iron pipes and fittings which were allowed as special cases due to difficulty of obtaining new materials on account of War. The revenue derived from the testing of pipes, fittings, etc., sent by private parties amounted to Rs. 3,064.

Repairs and Testing of Meters.

68. During the year about 1,208 municipal meters of different sizes were tested. In addition to this 181 meters were submitted by private parties for test of which 148 were passed and sealed and the remaining were rejected. The revenue dervied from testing of Water meters submitted by private partites amounted to Rs. 2,431.

During the year about 4,910 meters, as per details given below were repaired at a cost of Rs. 25,656. The cost of materials (Rs. 25,656) was met from the grant under "C" Meter(b) Spare Parts and that of labour from Establishment (paragraph 108).

Nature of repairs.	Nos.
(1) Replacement or removal of worn out or damaged parts and overhauling of meters in the Yard.	739
(2) Cleaning of dials ..	1,349
(3) Renewal of dial glasses ..	45
(4) Cleaning of meter strainers ..	2,192
(5) Repairs to leaks ..	341
(6) Repairs to meter chambers ..	180
(7) Renewal of locks ..	64

Chokes in Communication Pipes.

69. A staff consisting of one Sub-Overseer, two Plumbers and six labourers was continued during the year on the temporary establishment for cleaning communication pipes between the Municipal mains and the stop taps in F and G Wards. About 1,987 connections were cleaned. The cost of staff and labour (Rs. 3,115) was met from Establishment grant (Paragraph 108). The cost of materials was met from the grant under Materials for General Works and Repairs in Bombay (paragraph 73). Details showing the inside condition of pipes is shown in Appendix 23.

Cleansing of Consumer's pipes and Fittings in Dadar-Matunga Estates.

70. As many complaints were received due to chokes in consumer's pipes and fittings in the Dadar-Matunga Area which is supplied water from the Vehar Lake, the Corporation had sanctioned funds for the work of cleaning consumer's pipes and fittings beyond the stop tap in this area. The work was continued during the year and 1,155 connections aggregating to 2,74,367 running feet of consumer's pipes of different sizes were cleaned at a cost of Rs. 9,616, which was met from the provision made in the Budget under II.—Water Works, B.—Repairs and Maintenance, II.—Extra-ordinary Repairs. Details of the work done is given in Appendix 24.

Cleaning of Meter Strainers.

71. A staff comprising of one Sub-overseer, one Mistry, two Plumbers and six labourers appointed in 1943-44 was continued during the year on temporary establishment for periodical cleaning of meter strainers. Accordingly 1,481 meter strainers were cleaned. It was found that on account of the periodical cleaning of meter strainers, the number of complaints on account of chokage of meters was considerably reduced. The expenditure incurred on the staff was met from grant under Establishment (paragraph 108). The cost of materials was met from the grant under Materials for General Works and Repairs in Bombay (paragraph 73).

Special Works.

72. Six special works as per Appendix 25 were carried out during the year, the cost being met from the grants mentioned against each item.

Cost of Maintenance Works.

73. The total cost of materials under the head 'Materials for General Works and Repairs in Bombay' for works included in paragraphs 48, 60, 62, 63, 69 and 71 amounted to Rs. 55,349.

IX.—CONSTRUCTION BRANCH (LOAN AND OTHER WORKS)

Laying new mains and other works.

74. From Loan Funds 173 R.ft. of 36", 240 R.ft. of 24", 317 R.ft. of 18", 426 R. ft. of 15", 3705 R.ft. of 12", 1402 R.ft. of 10", 7024 R.ft. of 9", 70 R.ft. of 7", 8892 R.ft. of 6", 812 R.ft. of 5", 6 R.ft. of 4", and 1487 R.ft. of 3" water mains were laid 138 S. P. hydrants, 7 N. P. hydrants and 17 Pressure guage boxes were installed. 408 house connections were transferred to the new mains, as per details given in Appendix 26. The total expenditure during the year amounted to Rs. 6,84 335 One work was carried out on behalf of other Municipal Department at their cost as per details given in Appendix 26.

75. 8 New works were carried out during the year at a total cost of Rs. 32,326. The expenditure was met from the grant mentioned against each item, for details see Appendix 27.

New Works.

76. 4 Extra ordinary works were carried out during the year at a total cost of Rs. 2,217. The expenditure was met from the grant mentioned against each item, for details see Appendix 28.

Extraordinary works.

X.—SURVEY AND DESIGN BRANCH

77. Several Schemes for the improvement of water supply in general and for affected localities in particular were designed during the year. 89 estimates for provision and enlargement of water mains and other works amounting to over Rs. 149.97 lakhs were prepared during the year, out of which plans and estimates amounting to about Rs. 50,000 were sanctioned by the Corporation. The number of tracings and blue prints prepared during the year was 140 and 530 respectively.

Preparation of Plans and Estimates.

78. Statements and reports for (1) Lake levels, (2) Storage of water in lakes, (3) Discharge through trunk mains, (4) Rainfall in different districts. (5) Leaks in the Tansa Dam. (6) Bacteriological and chemical analysis of water, (7) Temperature of water, (8) Short supply complaints, (9) Chlorine and ammonia dosages, (10) Exhaust water from hydrostats, (11) Pressure charts, (12) Venturi meter discharges, (13) Lake, Outlet well and Reservoir level charts and (14) Vaitarna River gaugings were maintaied during the year under report and the statements for Nos. (1), (2), (3) and (4) were submitted to the Corporation every month and during the monsoon every week.

Records.

79. 780 cases of extra charges for water used for the purposes of construction were framed as against 693 in the preceding year, resulting in a total revenue of about Rs. 77,260 against Rs. 57,572 in the preceding year.

Extra Charges for water used for building purposes.

80. Following surveying instruments were in use during the year. Attempts were made to keep them under repairs to the extent of funds available.

Surveying Instruments.

Serial No.	Particulars.
(1)	Two theodolites.
(2)	Twelve levelling instruments.
(3)	Four optical squares.
(4)	Two prismatic compasses.
(5)	Two Planimeters.

XI.—WORKS OF INTEREST

81. The work of guniting the upstream face of the Tansa Dam and the Waste Weir was completed during the year by the contractors Messrs. John Fleming & Co., The area covered during the year was 30,460 sq. ft. (total area gunited 2,78,760). The expenditure incurred during the year was Rs. 32,211 and the total expenditure from the beginning was Rs. 2,13,033.

Repairs to the Tansa Dam.

As regards the work of providing trolley track at the toe of the Tansa Dam, the masonry abutments and piers of the bridge No. 6 were completed and the earth filling work of embankment to the north of it was cotinued. Since the commencement of the work, the following progress has been made :—

(1) Trolley track laid .. 7,500 R.ft.
(2) Earth work .. 6,54,000 C.ft.
(3) Bridge constructed—6 Nos. with 43 spans having a total length of .. 565 R.ft.

In accordance with the terms of the contract with Messrs. Allied Construction Co., 6,500 sq. ft. of 3" concrete slab, 12' wide on the top of the dam was laid during the year at a total cost of Rs. 15,184.

82. The special staff comprising of 3 Sub-Overseers and 3 peons was continued during the year. In all 119 gaugings were taken on various trunk and distributory mains.

Pitometer gaugings.

83. The fish originally introduced in the Tulsi and Vehar Lakes appeared to thrive and therefore 200 Gourami fish were added in the Vehar lake, the cost was met from the grant under Measures for restricting growth of Algae in Lakes (paragraph 40a).

Gourami Fish in the Tulsi Lake.

84. The contractors have not taken any action on the recommendations made by Mr. Nicolaides as reported in para 88 of last year's report. The expenditure booked during the year was Rs. 479. and the total expenditure booked so far was Rs. 13,578. The contractors are being constantly remined to expedite the repairs work.

R. C. Elevated tank at Bhandarwada Hill.

85. The work under the previous contract was continued and completed by the contractors and a length of 278 R.ft. of steel mains was treated during the year with reinforced gunite.

Encasing the 57" steel mains in Sleater Road.

The work under this year's contract was started by the end of December 1945 and about 204 R.ft. of steel mains were treated with reinforced gunite during the year under review. The total expenditure booked during the year was Rs. 51,281. The total R.ft. of steel mains encased from the commencement of the work were 1,716 R.ft. (2 pipes) and the total cost incurred upto 31st March 1946 was 1,36,934.

86. On inspection these mains were found to be very badly corroded and were in need of urgent repairs. The Corporation under their Resolution No. 916 of 11th January 1945 have accorded their sanction to the plans and estimates amounting to Rs. 1,85,300 for this work. A provision of Rs. 50,000 was made in the budget of the year under review, the work was started by the contractors on 3rd January 1946 and about 240 R.ft. of steel mains were treated with reinforced gunite. The total expenditure booked was Rs. 109.

Encasing the 57" steel mains in Tulsi Pipe Road.

87. No progress was made during the year regarding the acquisition of the site of Khardi Village which falls within the catchment area of the Tansa lake, mainly due to the difficulty of securing adequate water supply to the new site.

Acquisition of Khardi Village.

88. The steel tapers were received during the year. In order to provide cross connections and main sluice valves on the 57" mains south of Mahim Creek excavations were made at Lady Jamshedji Road, a few yards south of Mori Road junction. The total cost incurred during the year was Rs. 1,02 889.

Repairs to the 57" steel mains in Bandra Creek.

89. The work of providing screens with float arrangement at Vehar Inlet Bay was completed in 1943-44 and all the materials necessary for providing screens at Tansa outlet well were delivered on site by the contractors, but the work of fixing them had to be postponed this year also so as not to lessen the water supply to the City and Suburbs. The total expenditure incurred so far was Rs. 40,613.

Providing screens to the Inlet Bay at Vehar and the outlet well at Tansa.

Repairs to the damaged spans of the Kasheli Bridge.

90. 14 additional bracings were provided to the piers above water line. The expenditure incurred during the year was Rs. *Nil* and the total expenditure incurred on this work upto 31st March 1946 was Rs. 2,57,066.

Concrete blocks under steel mains.

91. The work of providing concrete blocks under the entire length of steel mains outside the City at a total estimated cost of Rs. 12,74,800 was sanctioned under Corporation Resolution No. 369 of 5th August 1943. A further amount of Rs. 75,000 was provided in the Budget for the year. Out of this amount 159 blocks were constructed as under:—

(*a*) 15 under 57" Tansa Mains near Newada crossing at Bandra and 17 at Mahim Creek south of the Bridge in Salsette Division.

(*b*) 40 under the 72" Tansa mains at mile 28/4 in Kasheli Division.

(*c*) 87 under the 72" Tansa mains at mile 16/2 and 17/2 in Jamboli Division.

The expenditure booked during the year was Rs. 72,762 the cost per block including pitching, grouting the joints, providing drainage arrangement etc., worked out to Rs. 472. So far, since 1942-43, 370 blocks covering a mileage of 1.72 has been provided at a cost of Rs. 1,41,203.

Swing Bridge in Kurla Creek.

92. About 500 R.ft. of 48" C. I. pipes were brought and laid on site over the bridge and on either side of the approach to be connected to the existing pipes. The expenditure booked during the year was Rs. 15,690. The total expenditure booked upto 31st March 1946 was Rs. 53,698.

Augmentation of City's water supply.

93. In pursuance of Corporation Resolution No. 347 of 24th July 1944, sanctioning the Bhivpuri Scheme for utilising the tail waters of the Bhivpuri Power Station (Andhra Valley of the Tata Hydro Electric Agencies by laying a 60" or 72" steel main and prividing a balancing Reservoir as recommended by the Committee of Experts, negotiation were carried out with the T.H. E. A. in order to arrive at the best possible solution to obtain the required quantity of water at a particular head. As the Tatas had in view a—Scheme for putting up a low head power station for supplementing their electric output by utilising additional 100 ft. of head and as during the monsoon period they could not give any guarantee for the quantity required by the Municipality (as in order to fil up Andhra Lake, they would generate power elsewhere at Bhira or Khapoli—thus cutting of discharge into tail race as would suit their condition) It was decided that the Municipality should make their own arrangements to utilize monsoon water from Pej Nala, which was at a distance of about 3½ miles from the Tail Race by constructing a Dam across the Nalla and storing the required quantity. A Preliminary Survey of the Pej Nala Balancing Reservoir Project was therefore taken up during May and June 1945 by engaging a special staff for 2 months. Mr. K. B. Carnac, B.E., A.M.I E., A.M. INST. C.E. Asstt. Engineer 1st Grade carried out the work under the instructions and supervision of the Hydraulic Engineer. After preparing detailed plans and estima es the Hydraulic Engineer submitted an exhaustive report, wherein three alternative proposals were put forward as under:—

	Cost. Rs. lacs.
(A) To construct on Pej Nala a Balancing Reservoir of 300 million gallons useful storage suitable for Municipal requirements only.	68
(B) To construct on Pej Nala a Balancing Reservoir of 600 million gallons useful storage with a Duct Line 3 miles long and of 275 million gallons per day capacity, which could be useful for the requirements of both the Municipality and the Tatas.	100.5
(C) To construct a Balancing Reservoir near the Tail Race of capacity of about 275 million gallons with a small open cut to divert the tail race, suitable for municipal requirements.	55.0

The Works Committee and the Corporation approved the alternative Scheme 'C' *vide* Corporation Resolution No. 561 of 19th October 1945. The Tatas ultimately agreed to guarantee a minimum discharge of 37 million gallon per day into the tail race during monsoon and 100 million gallon per day during the dry weather and to allow the Municipality to construct a reservoir within their limits. Accordingly an agreement to safeguard the rights of the Municipality etc., is being drawn out.

The Corporation approved the appointment of a Special Officer, Mr. G. G. Dhanak, B.E., A.M.I.E., B.S.E.(I), Acting Executive Engineer, Ahmednagar District, P. W. D. and of the special staff for carrying out detailed survey with plans and estimates under the supervision and instructions of the Hydraulic Engineer Mr. Dhanak took over the charge of this office on 12th March 1946 and at the end of the year preparations for starting the Survey work were being made.

The members of the Works Committee paid a visit to Bhivpuri on 2nd December 1945 and inspected the alternative sites mentioned above.

Tulsi Pipe Bridge across Bandra Creek.

94. The alternative proposal of constructing a 188 ft. single span bridge over the existing abutments at an estimated cost of Rs. 65,141 was sanctioned by the Corporation under their Resolution No. 460 ,dated the 7th September 1944 and the work was entrusted to Messrs. Garlick & Co., Towards the close of the year the contractors were only able to obtain the permit for the rquired steel and other materials. They have now started the foundation work for the abutments.

Examining the submerged parts of Bridges.

95. The work of examining the submerged parts of the old and new Kasheli Bridges carrying the Tansa water mains was commenced by Mr. J. P. Shaw, the Senior Foreman Diver of the Bombay Port Trust in November 1943 and completed in February 1945. The broad features of Mr. Shaw's reports on his observations of the submerged parts of the bridges are:—

(1) That in almost all the cases the river bed at the piers has been scoured to a depth of about 4 to 5 ft. which should be filled in with hand-packed rubble and covered with a layer of cement bags to prevent further socuring action due to eddies.

(2) that the renewal of most of the bracings and clamps is necessary.

(3) that in the case of old Kasheli Bridge No. (?), holes as big as 2 ft. in diameter have been formed in many of the piers and some of the concrete which was originally filled in the cylinders has been washed away.

The necessary estimates amounting to Rs. 4,62,900 for strengthening the piers by carrying out the protective works as suggested by Mr. Shaw have been submitted to the Corporation for their approval.

Extending the existing Anchor Blocks and providing additional ones in the Outside City Division.

96. The work of extending the existing Anchor Blocks in the Outside City Division at Mulund and Kapurbaodi was carried out during the year at a cost of Rs. 4,802 in addition to those extended during the previous years at Bandra, Sahar Powai and Bhandup. Total expenditure incurred upto the end of 31st March 1946 is Rs. 14,748.

Providing orifices on bib taps on ground and first floors in Tardeo Area.

97. Last year a series of experiments were carried out in the Water Works Maintenance Yard at Delisle Road with taps fitted with orifices with a view to find out whether it would be possible to effect any improvement in the water supply to premises if the ground floor taps are fitted with orifices (please refer to para. 101 of 1944-45 Report). From this experiment it was observed that in case of bib taps without orifices, the pressure near the tap fell to zero as soon as the tap was fully opened and when the same tap was fitted with orifices of about 1/8" diameter holes, the quantity of water discharged from the tap was reduced to 1/3 but the pressure was reduced by only about 2 lbs. per sq. inch. In view of the satisfactory results, the Corporation gave administrative approval to the work of providing orifices on ground and first floor taps in Tardeo Area. A special staff was appointed for a period of one month and about 6,000 taps in about 600 buildings were fitted with orifices at a total cost of about Rs. 4,000 which was met from the grant under II.—Water Works, B.—Repairs and Maintenance, II.—Extra-ordinary. After fixing orifices, it was found that there was improvement in the water supply in Tardeo Area as follows:—

(*a*) The average pressure before orifices were fixed was 34 lbs./sq. inch. which increased to 38 lbs./ inch after the orifices were fixed.

(*b*) The maximum pressure in the Municipal main was 44 lbs./sq. inch and 48 lbs./sq. inch before and after the orifices were fixed.

It is proposed to extend the experiment to Dongri Area and proposal to this effect is being submitted to Municipal Commissioner.

Improving Faulty distribution System in Private Premises. Survey of chawls.

98. In order to ascertain the causes of shortage of water supply in some of the chawls in the mill area and to suggest remedial measures, the Municipal Commissioner sanctioned, last year, the appointment of special staff for a period of 2 months (Please refer para. 102 of 1944-45 Report). In all 2,433 chawls were surveyed with regard to internal distribution system of each of the premises and suggestions were made to improve the water supply. A list of materials necessary for carrying out improvement of water supply of these premises was also prepared and sent to Government of Bombay, P.W.D. The Municipal Commissioner also requested Government that the necessary materials may be released by them on a certificate of essentiality to be given by the Hydraulic Engineer. The matter is still under consideration of the Government.

99. *Proposal for emergency augmentation of City's Water Supply.*—Please refer to para. 103 of the Administration Report of 1944-45.

(1) Increasing the existing supply.

(*i*) Providing new outlets in the Tansa Dam at a lower level.

The Municipal Commissioner submitted to the Corporation a block estimate for the proposed work of providing openings in the Tansa Dam at the level of 360 T.H.D., fixing of penstocks on the upstream side of the dam and laying two 57" steel mains to connect the existing 72" mains near the outlet well. The Corporation under their Resolution No. 320 dated the 19th July 1945, gave their administrative approval to the proposal and requested the Municipal Commissioner to prepare detailed plans and estimates for the work. Proposal regarding appointment of Special Project Staff for preparation of this as well as other schemes under consideration of the Corporation was submitted to the Municipal Commissioner for approval during the course of the year.

(*ii*) Provision of flash-boards on the waste weir of the Tansa Dam.

In order to catch the monsoon of the year 1945, the Corporation sanctioned the proposal for providing flash-boards over the waste weir of Tansa Dam with a view to impound one foot additional head of water in the lake (*i.e.*, additional quantity of 1,275 million gallons equivalent to 4.5 million gallons per day). The work was entrusted to Messrs. Duncan Stratton & Co., Ltd., but owing to the difficulty of obtaining timber, it could not be completed and had to be abandoned.

(*iii*) Provision of automatic shutters over the wasteweir of Tansa Dam.

A proposal was submitted to the Corporation for their administrative approval to the work of providing automatic shutters on the wasteweir of the Tansa Dam to retain water upon a level of 422 T.H.D. (thereby impounding an additional quantity of 2,900 million gallons, equivalent to 10 million gallon per day), and for entrusting the work to Messrs. Duncan Stratton and Co., Ltd., at a cost of Rs. 8 lakhs. At the instance of the Corporation tenders were invited by public advertisement in Newspapers and Engineering Journals in India, the United Kingdom and the U.S.A. and in response thereto only two tenders were received. The Hydraulic Engineer's recommendations on the tenders were under consideration of the Municipal Commissioner at the end of the year.

(*iv*) Cement Grouting.

The work of cement grouting the Tansa Dam entrusted to Messrs. The Cementation Co., Ltd., was started during the year and is still in progress. During the year under report 178 holes were drilled and grouted. The total footage drilled and grouted was 10,300 R. ft. The cement consumed was 133.0 tons which is equivalent to 0.25 cwts. per foot run.

(*v*) Reconditioning the Duct Line.

In order to bring more water to the City a proposal for reconditioning the duct line at an estimated cost of about Rs. 27 lakhs (prewar estimate) was submitted to the Corporation in August 1940. The Corporation under their Resolution No. 1013, dated the 16th January 1941 gave administrative approval to the work but its execution was postponed pending the consideration by the Corporation of the schemes for the augmentation of City's water supply. After the Bhivpuri Scheme for the augmentation of City's Water Supply was approved by the Corporation the Municipal Commissioner recommend to the Corporation that the work should be executed immediately with a view to bringing more supply to the City. The Corporation under its Resolution No. 1013, dated the 16th January 1941 has requested the Commissioner to prepare revised estimates for the work in detail and to put up proposals for financing the work. The proposal for the appointment of special Project Staff for the preparation of plans and estimates for this as well as for other schemes was under consideration of the Municipal Commissioner by the end of the year.

(vi) Reinstating the missing portions of Powai and Ghatkopar Syphons.

In 1929-30 about 7,300 R.ft. of 48" diameter C. I. pipes were removed from Powai and Ghatkopar syphons in order to replace the corroded portions of the 57" steel mains passing through the Race Course with the result that the carrying capacity of the duct line was reduced to half *i.e.*, 20 million gallon per day. An estimate amounting to Rs. 9,75,000 for the work of reinstating the missing syphons has been submitted to the Municipal Commissioner for obtaining administrative approval of the Corporation. The proposal was under consideration of the Municipal Commissioner by the end of the year.

(2) Regulating the distribution in a more equitable manner.

(i) Service Reservoirs for the north of the Island.

Please refer to para. 103(2)(*i*) of the Administration Report for the year 1944-45. The Corporation under their Resolution No. 842, dated the 2nd January 1946, sanctioned special staff for preparation of detailed plans and estimates for the work of constructing service reservoirs at Worli and Rowli hills. The appointment of the staff was held up pending selection of staff for Bhivpuri Scheme.

(ii) Providing additional mains to improve distribution system.

On account of war condition and difficulties in obtaining materials, the Loan Works Programme of laying water mains was drastically curtailed during the past 5 years. On the other hand, due to influx of population into the City the demand for water supply increased considerably with th result that the existing distributory water mains in several localities were found inadequate to cope up with the demand. The total cost of laying feeder and distributory mains is estimated at Rs. 90 lakhs and administrative sanction of the Corpration has already been obtained for laying water mains at a total cost of Rs. 40 lakhs. With a view to preparing detailed plans and estimates for the remaining works costing about 50 lakhs of Rupees a proposal has been submitted to the Municipal Commissioner for the appointment of special project staff to prepare detailed plans and estimates for this as well as other schemes pending before the Corporation.

(iii) Providing Venturi Meters.

There are 9 Venturi-Meters on trunk and distributory water mains in the outside City Division ; but so far no Venturi Meters have been provided in the inside City for guauging the flow of water passing through different mains which supply water to the various localities, areas and districts and therefore it is not possible to determine whether the distribution of water supply in different parts of the City is on a uniform and equitable basis. A proposal for providing Venturi Meters on trunk, outlet, inlet and distributory mains at a cost of Rs. 3,71,040 was approved by the Corporation under Croporation Resolution No. 580, dated the 13th November 1945,but no funds were provided during the year.

Re : (3) Eliminating wastage of water.

(i) Re-washering leaky taps.

Prior to 1944-45 owners and occupiers of premises were called upon to rewasher the leaky taps by serving, notices. This procedure took a considerable time, as, even after service of notice some time elapsed before the work was entrusted by the owner or occupier to a Licensed Plumber and, in the meantime continued wastage of water occurred. It was, therefore, proposed that the work of re-washering leaky taps should be carried out at the expense of the owner or occupier who would be charged for the same a flat rate of Annas 8 per tap re-washered. The proposal was sanctioned by the Corporation (*vide* Corporation Resolution No. 948 of 19th January 1945). The total number of taps re-washered during the year was 551 which is a very insignificant number and public should come forward in much large numbers for re-washering of leaky taps.

(ii) Proposals for anti-waste campaign.

The following proposals for publicity propaganda in connection with anti-waste campaign were considered and the Publicity Officer has been requested to do the needful in the matter.

(*a*) Propaganda through the Press and on the Radio.

(*b*) Putting up posters near the general washing places in different languages in all the chawls in the City and showing cinema slides illustrating the various ways in which water is wasted by the public and the ways and means whereby such wastage can be prevented.

(*c*) Exhibiting short instructive films through the medium of the Information Films of India for educating the public.

(*d*) Publicity through the medium of School and school children.

(*e*) Formation of Tenants' Committees for active co-operation of the tenants in detecting wastage.

During the year the Corporation (*vide* Corporation Resolution No. 315 of 29th March 1945) sanctioned Rs. 20,000 to meet the cost of Publicity and Propaganda work for preventing wastage of water. Out of this, only Rs. 447 were booked towards the purchase of 5 cloth hoardings on "Why Waste Water" and 3 Dozen coloured cinema slides on "Don't waste Water". Suggestions for producing documentary films (*a*) tracing the history of the Bombay Water Works,(*b*) the hygiene of water and (*c*) the proper use of water for City's health about 1500 ft. in length, accompanied by Hindi, Gujerathi and Marathi commentaries at a cost of about Rs. 12,000 were being considered.

WORKS FOR IMPROVEMENT OF THE DISTRIBUTION SYSTEM

Providing cross connections for improving water supply to E Ward

100. Mazagon, Mount Road, Bellasis Road and Moreland Road areas are supplied water from the Bhandarwada Hill Reservoir and 48" Old Tansa Main ; but as there are no sufficient cross connections between the mains supplying water to these areasi takes a long time to build up pressures. This state of affairs has to be avoided, particularly in case of fires sufficient water should reach these areas in the shortest time possible. Therefore, the following additional cross connections were made during the year.

(1) 12" cross connections between 36" New Tansa and 12" main in Moreland Road at Ripon Road junction Moreland Road.

(2) 6" cross connection between 36" New Tansa and 6" main in Ripon Road at the junction of Ripon Road and Tarapakhadi Road.

(3) 9" cross connection between 36" New Tansa and 9" main in Lamington Road North at Lamington Road junction Bellasis Road.

Extension of 18" main in K. E. M. Road upto Sewri Station.

101. The industrial area near Sewri Station and the area known as Timber Pond had been a scene of large fires many a time and great difficulty was experienced in developing adequate pressures in that area. The 18" main in King Edward Road from the 48" new Tansa main laid upto the Laxmi Narayan Napoo Road was, therefore extended last year. The main is to be further extended beyond the railway line upto the Timber Pond but as it passes through the G. I. P. Railway and Bombay Port Trust areas considerable correspondence had to be done with these authorities and therefore no work of laying the main was done during the year.

102. Please refer to paragraph 108 of the Administration Report for the year 1944-45.

12" main on Western Slope of Malabar Hill.

As the sluice valve for regulating the supply to this main is hand operated and situated at a distance of about 800 feet from the Control Room at Malabar Hill Reservoir, a proposal was put up to convert this hand operated sluice valve into electrically operated one with remote control arrangement. This was approved by the Corporation and tenders are being invited for the supply of an electrically operated sluice valve with remote control arrangement.

103. In connection with the work of preventing bursts on the 48" Old and New Tansa mains the following works were carried out during the year.

Measures for preventing bursts on 48" Old and New Tansa Mains.

(1) Providing 12" scour valve on the 48" New Tansa Main in Parel Road near Parel.

(2) Providing 12" scour valve on the 48" New Tansa main in Victoria Gardens Road near Victoria Gardens.

(3) Removing the old 48" sluice valve and providing a straight piece from the 48" Old Tansa Main at Vincent Road junction Khareghat Road.

Improving the Water Supply in Localities in B Ward.

104. In order to improve the water supply in the localities of Memonwada, Old Nagpada, Kambekar Street, Musjid Bunder Road and Pydhoni Road, the following works (mainly cross connection works to have more uniform distribution of water) were carried out.

(1) 5" main in Chunam Kiln Lane was cross connected to the 12" main in Memonwada Road.

(2) 5" main in Memonwada Road was cross connected to the 12" main in Memonwada Road at the junction of Memonwada Road and Chunam Kiln Lane.

(3) The 4" and 12" mains in Old Nagpada Road were cross connected at the junction of Old Nagpada Road and Jakeria Musjid Street.

(4) The 15" main in Jackeria Musjid Street and Chakla Street was cross connected with the mains in 1st Chinch Bunder and Pydhoni Road and Musjid Bunder Road and 8" main in Chakla Street at the junction of Janjikar Street.

(5) The old 4" main in Pydhoni Road was enlarged to 9".

(6) About 730 R.ft. of 5" main in Sandhurst Road were enlarged to 12".

105. There were constant short supply complaints from the residents of the locality, along Bhau Daji Road in F Ward. On investigation it was found that the 6" main in Bhau Daji Road was acting as a feeder main which was quite insufficient for the purpose.

Providing a 12' feeder main in Bhau Daji Road, F Ward.

With a view to improve the distribution in this locality it was found necessary to lay a 12" feeder main in Bhau Daji Road. Under Corporation Resolution No. 709, dated the 6th November 1944 the Corporation accorded sanction to plans and estimate amounting to Rs. 79,950 and a sum of Rs. 10,000 was provided in the Budget of 1945-46. A length of 495 R.ft. of 12" main was laid during the year under review.

106. Besides, the above works a number of new mains were laid in various parts of the City or the existing mains were enlarged with a view to improve the distribution system, the details of which are given in paragraph 74.

New Mains.

Measures for Civil Defence.

107. Please refer to paragraph 111 (a) of the Administration Report for the year 1944-45.

(a) Static Tanks.

42 more tanks were demolished by the City Engineer during the year under report, thus bringing the total number of tanks demolished to 88.

Please refer to paragraph 111(c) of the Administration Report for the year 1944-45.

(b) Cross connection between Trunk Mains.

As it was essential to provide several cross connections for improving the distribution system, a provision was made in the Loan Works Budget for 1945-46 for the following cross connections. However, as it was necessary to obtain previous administrative approval of the Corporation the work could not be taken up during the year.

(1) Providing 12" cross connection between 57" East and West Tansa Mains and 12" main in Mori Road at Lady Jamshedji Road junction Mori Road.

(2) Providing a 15" cross connection between 57" Tansa East and West Mains and 15" main in Elphinstone Road at Elphinstone Road junction Tulsi Pipe Line Road.

(c) Materials, Plants, etc.

It has been decided to utilise all the materials such as sluice valves, castings, pipes etc. on the Municipal works and credit given to this grant. During the year under report, materials to the extent of Rs. 1,67,056 have been used on the various works.

Please refer to paragraph 111(f) of the Administration Report for the year 1944-45.

(d) Housing Accommodation.

About 110 employees of the Inside City Division who were accommodated in the buildings requisitioned for A. R. P. purposes were allowed to stay on, on account of difficulties in securing accommodation, some were charged concessional rents and others standard rents.

XIV.—GENERAL

108. The details of the Superior staff of the Water Works Department are shown in the table marked Appendix 29. The number of superior and labour staff and their cost is given below :—

Staff.

(1) Total number of superior staff—192.

(2) Total number of inferior staff (Chaviwallas, Stores Attendants and peons)—91.

(3) Total cost of the Establishment (superior and inferior)—Rs. 3,86,225.

(4) Total number of employees (labourers, artisans, etc.) on permanent Establishments—911.

(5) Cost of the above Establishment—Rs. 2,29,543-2-0.

(6) Total number of the employees on monthly wages who are charged to the respective grants

in Revenue works on which they are employed—189.

(7) Cost of the above Establishments—Rs. 60,564.

(8) Total number of employees on daily wages who are charged to respective grants in Revenue Works on which they are employed—1,139

(9) Cost of the above establishment Rs. 2,00,690

(10) Total number of employees on daily wages debited to grant under Labour temporary—13.

(11) Cost of the above Establishment (under labour temporary)—Rs. 3,073/-

(12) Total number of employees on Loan Works on permanent Establishmen charged to various Loan Works—147.

(13) Cost of the above Establishment —Rs. 69,516.

(14) Total number of (temporary) employees on daily wages and charged on various Loan Works grant—302.

(15) Cost of the above Establishment—Rs. 85,816.

(16) Total number of staff (permanent and temporary)—2,984,

(17) Total cost of the Establishment (permanent and temporary)—Rs. 10,35,427.

Housing of the Staff naside City.

109. Housing Accommodation was provided for the following staff as their attendance was required at any time during day or night.

Fixed Rent.

(*a*) The Hydraulic Engineer was provided with accommodation at the Malabar Hill Reservoir on fi xed rent.

Standard rent at 10 per cent. of the pay.

(*b*) The Assistant Engineer, Waste Prevention and 33 persons of the labour staff were provided with quarters on standard rent at 10 per cent. of their pay.

Concessional rent at 5 per cent. of the pay.

(*c*) Six Inspectors and one Sub-Overseer in the Distribution Branch were provided with quarters at concessional rent at 5 per cent. of their pay.

Rent free quarters.

(*d*) The Assistant Engineer, Distribution, 1 Inspector, Maintenance, 2 Reservoir Attendants at Malabar Hill Reservoir and Bhandarwada Hill Reservoir, 1 Stores Clerk and 106 members of the labour staff were provided with rent free quarters.

When the Babula Tank Fire Brigade quarters were vacated by the Officer Commanding Fire Services in 1944-45, it was decided that they should be occupied by the staff of the Water Works Department who are required to be constantly on duty at any time during day or night. These quarters were consequently taken over by this department wholy in September 1945 and the accommodation available thereof which comprised of 20 rooms was allotted to the Water Works Staff *viz.*, Sub-overseers, Sluicemen, Park-keepers, watchmen etc.

Regular agreements are proposed to be obtained from these employees. It is also proposed not to charge any rent for the occupation of these quarters in view of the nature of duties of these persons and a proposal to that effect has already been put up for the sanction of the Standing Committee.

Housing of the staff, outside City.

110. Housing accommodation was provided for 1 Asstt. Engineer, II grade, 5 Inspectors, 2 Sub-overseers, and 150 members of the labour staff in the Outside City Division, as these officers and servants were required to be on duty at any time of the day and night.

Clothing.

111. Water-proof, woollen coats, cumblies, umbrellas, and uniforms of other desrciptions were supplied to 1024 members of the staff consisting of 57 Sub-Overssers, 44 Chaviwallas, 99 Sluicemen, 17 Mukadams, 9 Park-keepers and 798 members of the labour staff as per details given in Appendix 30. The expenditure booked on this account during the year amounts to Rs. 9,606.

Ground and building rents.

112. Ground and Building rents and assessment charges paid within the City, including the amounts paid on account of taxes, amounted to Rs. 7984 during the year.

Electric charges.

113. The cost on account of consumption of electrical energy for working of fans, lights, etc., in Ward Offices of this department amounted to Rs. 1,934 during the year.

Books and dead stock.

114. The total expenditure on the purchase of various items of dead stocks including books, periodicals etc., amounted to Rs. 338. This is exclusive of a sums of Rs. 469 paid to Government on account of furniture purchased in connection with the A. R. P. Scheme in the year 1942-43.

Contingencies.

115. Contingent charges such as, postage, conveyance, etc., amounted to Rs. 1,561 for the year.

Printing, and stationery and Drawing Materials.

116. The cost of printing, stationery and drawing materials during the year amounted to Rs. 4,289 and Rs. 635 resepctively. The cost of advertisement amounted to Rs. 1,609.

Minor and unforeseen charges.

117. The expenditure incurred on minor and unforeseen items of expenditure amounted to Rs. 1,785.

New Plant, Machinery and Tools.

118. The expenditure booked during the year on account of purchase of Plant and Machinery for which orders were already placed in the preceding year amounted to Rs. 31,108. The sub-joined statement shows the details of the plant Machinery for which orders have been placed. Some of the Plant and Machinery was not received upto the end of the financial Year.

0	Description.	Amount.	Remarks.
	(a) Under Revenue.	Rs.	
(1)	6 Pressure Recorders ..	3,960	Not received.
(2)	Spring callipers Inside and Outside ..	241	Received.
(3)	Spark Plug Tester. ..	157	do.
(4)	Spray Gun ..	50	do.
(5)	40 B.H.P. slip ring Induction Motor with starter pumping set No. 2.	3,016	Not received.
(6)	3 sets of cutters for Cut Out Machine ..	174	Received.
(7)	Meg Earth Tester Unit ..	465	do.
(8)	Portable Drilling Machine ..	370	do.
(9)	Pneumatic tools for air compressor ..	2,040	Part supply received.
(10)	30" Electrically operated sluice valve at Malabar Hill Reservoir, Dhobi Talao outlet.	5,887	Received.
	(b) Surplus Cash Balance (Revenue).		
(1)	Two motor vehicles purchased from O. C. F. S. ..	1,425	Received.
(2)	Two Hacksaw Machines for Maintenance Branch Workshop	2,120	Not received.
(3)	Axial flow ventilating fan for Malabar Hill Reservoir ..	2,095	Received.
	(c) Under Special Funds (Loans).		
(1)	Conversion of one pair of hydraulically operated sluice valves into hand operated ones at Powai.	7,500	Sluice valves received and work completed.
(2)	Purchase of 2 " R " type chlorinating panels at Powai ..	17,575	Not received.
(3)	Purchase of Boat for Tansa ..	3,125	Received.
(4)	Loco for outside City division ..	30,000	Not received.
(5)	Chlorine panels for Tulsi ..	6,000	do.
(6)	Motor trolley for Travelling Dispensary ..	16,175	do.
(7)	1-48" and 1-12" electrically operated sluice valves at B.H.R.	13,042	One 12" sluice valve received.
(8)	3 Slef-priming portable centrifugal pumping sets ..	15,000	One set received.
(9)	40 B.H.P. Pumping set for M.H.R. ..	5,033	Received.
(10)	Chlorinator Unit with accessories for Bhandarwada Hill R servoir.	13,500	Not received.
(11)	Electrically operated sluice valve for 14" Mazagaon outlet....	3,790	Received.
(12)	Milling Machine for Maintenance Yard Workshop ..	7,670	Not received.
(13)	Chlorinator Unit at Futka Tank ..	32,570	do.
(14)	Portable Chl rinator Unit 4 lbs. capacity ..	21,450	do.
(15)	Electrically operated sluice valves at Bhandarwada Hill Reservoir, one-30" and one 24".	11,860	do.

Costing.

119. *(a)* **Revenue.**—The total expenditure incurred on Water Works amounted to Rs. 83,32,356 which includes Rs. 10,00,000 credited to Post-war Reconstruction Fund for improvement in the City's water supply and Rs. 54,79,154 for interest, sinking fund charges, etc., for Loans raised for Water Works, Rs. 3,31,391 for proportionate charges for General Superintendence and Revenue Collection and Rs. 1,15,001 for Provident Fund and Pension Charges. The total Revenue derived from the Water Works was Rs. 1,28,52,321 the excess of income over expenditure being Rs. 45,19,965. The average cost of water brought into the City including wastage and supplied to the Suburbs works out at As. 3 and pies 2 per 1,000 gallons.

(b) **Loan Funds.**—The total expenditure incurred during the year out of Loan Funds was Rs. 74,36,23,

(c) **Other Public Bodies.**—Works to the extent of Rs. 53,239 were carried out by the Department on behalf of Government, Bombay Port Trust, Military Authorities and Private Parties.

APPENDIX 1 (Paragraph 9).

(1) *Supply Statistics.*

(1) Quantity of water supplied to the City and Suburbs during the year in million gallons	...	42,266.00
(2) Quantity of water supplied to the City and Suburbs during the previous year in million gallons	...	41,802.00
(3) Increase over the previous year's supply	...	464.00
(4) Average daily supply during the year	...	115.79
(5) Average daily supply during the previous year	...	114.52
(6) Increase over previous year's average daily supply	...	1.27
(7) Quantity of water supplied to the City	...	40,993.00
(8) Average daily supply to the City	...	110.93
(9) Population of the City as per census report of 1941	...	14,89,833
(10) Average daily supply per head per day for the City (1941 census) in gallons	...	74.45
(11) Assumed population of the City including floating population	...	25,00,000
(12) Average daily supply per head per day for City on the basis of the assumed population in gallons	...	44.37
(13) Quantity of water supplied to the suburbs in million gallons	...	1,733.00
(14) Average daily supply to the Subrbs in million gallons	...	4.86
(15) The maximum total supply per day during the year in million gallons	...	126.0
(16) The minimum total supply per day during the year in million gallons	...	104.00
(17) Total quantity conveyed by 72", 57", 36" mains	...	27,879.00
(18) Average quantity of water conveyed daily by 72", 57", 36" mains	...	76.38
(19) Total quantity of water conveyed by the Duct during the year	...	6,410.00
(20) Average quantity of water conveyed daily by the Duct	...	17.56
(21) Total quantity of water conveyed by the 48" Vehar main during the year	...	6,717.00
(22) Average quantity of water conveyed daily by 48" Vehar	...	18.40
(23) Total quantity of water conveyed by the 24" Tulsi main during the year (342 days)	...	1,260.00
(24) Average quantity of water conveyed daily by the 24" Tulsi main during the year	...	3.68
(25) Quantity of water supplied purely for domestic purposes during the year	...	21,753.29
(26) Average quantity of water supplied only for domestic purposes per head per day (1941 census)	...	40.00
(27) Average quantity of water supplied for domestic purposes per head per day for population of 25 lacs	...	23.80
(28) Percentage of water supplied for domestic purposes	...	51.495
(29) Percentage of water supplied for other purposes	...	48.505

(2) *Quantity of water used for different purposes.*

Serial No.	Particulars.	No. of premises.	Quantity in million gallons	Percentage.	Remarks.
1	Bungalows and Gardens ...	247	286.55	0.67	Metered.
2	Milch Cattle Stables ...	90	181.61	0.43	"
3	Other stables ...	40	57.12	0.13	"
4	Mills ...	82	2,383.0	5.69	"
5	Dyeing and Bleaching Works ...	64	772.11	1.83	"
6	Gymkhanas, Playgrounds, etc. ...	75	73.98	0.17	"
7	Race Course ...	1	76.53	0.18	"
8	Industries ...	595	872.37	2.063	"
9	Laundries and Dhobighats ...	78	81.79	0.19	"
10	Hotels ...	7	67.47	0.16	"
11	Flour Mills ...	6	7.7	0.017	"
12	Municipal properties ...	65	936.53	0.47	"
13	Government Properties ...	375	1,239.37	2.96	"
14	Railways ...	111	748.17	1.76	"
15	Bombay Port Trust ...	226	831.54	1.87	"
16	Suburbs ...	...	1,773.09	4.23	"
	Total metered supply ...	...	9,631.52	22.82	—
17	Building Works ...	Rs. 61,895	70.74	0.16	Estimated.
18	Road Construction, (in square yards.) ...	50,678.94 sq. yds.	1.77	0.004	"
19	Fire purposes ...	Calls. 1132	62.00	0.147	"
20	Leakage and other estimated losses through Municipal mains ...	...	8,438.80	21.01	"
21	Road watering and cleaning at 2 gallons per sq. yard ...	21,427,320	42.85	0.10	"
22	Gully flushing at 180 gallons per gulley ...	1,52,950 gu leys	27.53	0.064	"
23	Miscellaneous, such as Drainage and Sewerage Works, Public Conveniences, Hospitals, Charitable Institutions etc. ...	...	2,187.50	5.20	"
24	Domestic ...	...	21,753.29	51.495	"
	Total unmetered supply	...	32,634.48	77.180	—
	Total quantity of water supplied to the City and suburbs during the year ...		42,266.00	100.00	

APPENDIX 2 (Paragraph 10).

Statistics of the Lakes for 1945-46.

Serial No.	Particulars.	Tansa.	Vehar.	Tulsi.	Powai.
1	Distance from Bombay in miles by road ...	66	18	22	17
2	Lake area at Full Supply Level in square miles ...	7.31	2.81	0.52	0.57
3	Total catchment area in square miles ...	52.50	7.32	2.61	2.58
4	Total rainfall in inches ...	90.98	98.65	126.76	100.30
5	Average rainfall of the preceding 5 years ...	103.23	88.78	109.19	93.15
6	Increase or decrease in rainfall (percentage) as compared with preceding 5 years ...	—11.85	—11.11	—16.09	—7.67
7	Number of wet days ...	108	100	99	100
8	(*a*) Number of days in which rainfall exceeded 1" ...	33	28	28	31
	(*b*) Do. do. 2" ...	13	17	22	17
	(*c*) Do. do. 3" and above ...	3	12	14	12
9	Maximum rainfall per day in inches ...	5.40	9.40	10.20	8.10
10	The lake commenced to overflow when the rainfall amounted to inches ...	51.86	No over-flow.	73.55	35.87
11	Number of days the Lake overflowed ...	70	Do.	71	92
12	Full supply level of the lake in feet above T.H.D. ...	420.00	264.50	456.60	195.00
13	Lowest level reached during the year in feet above T.H.D. ...	390.05	240.40	436 68	190.54
14	Highest level reached during the year in feet above T.H.D. ...	421.50	262.09	458 65	195.34
15	Contents of the lake at full supply level in million gallons above the lowest outlet ...	35,600	9,120	2,295	1,200
16	Lowest drawable levels. ...	387.5	234.00	430.00	...
17	Drawable capacity of lakes in million gallons. ...	31,034	8,500	1,771	...
18	Contents of the lake in million gallons between the lowest level reached during the year and the lowest drawable levels. ...	1,766	1,307	325	...
19	Quantity of water required to fill up the lakes to full supply level from the lowest level reached in million gallons ...	29,298	7,193	1,456	449
20	Quantity of water that overflowed over the waste weir in million gallons ...	25,265	No over-flow	1,604	4,071
21	Percentage of run off into the lake from the catchment ...	98.08	57.44	62.20	...
22	The total quantity of Water brought into the City and Suburbs during the year in million gallons ...	34,289	6,717	1,260	...
23	Total quantity of water brought into the City and Suburbs per day in million gallons ...	93.94	18.40	3.68	...
24	Total loss of water due to evaporation, leakage and absorption in million gallons during the dry period (8 months) ...	5,460	1,364	400	511
25	Average loss per day due to evaporation, absorption and other losses during the dry months in million gallons (8 months) ...	22.56	5.63	1.65	2.11

Note.—The rainfall in Bombay during the year as observed at the Colaba Observatory was 89.36 inches.

APPENDIX 4 (Paragraph 12).

Quantity of water lost by evaporation alone at the lakes.

Month.	Evaporation in feet.				Evaporation in million gallons.			
	Tansa.	Vehar.	Tulsi.	Powai.	Tansa.	Vehar.	Tulsi.	Powai.
1945—								
April	0.660	0.529	0.510	Not recorded	565.55	137.54	34.68	Not recorded
May	0.736	0.571	0.546	Do.	530.33	138.18	34.94	Do.
June								
July								
August	Not recorded				Not recorded			
September								Do.
October								
November	0.425	0.492	0.510	Do.	503 92	167.31	42.84	Do.
December	0.410	0.496	0.527	Do.	461.78	160.20	41.63	Do.
1946—								
January	0.399	0.511	0.527	Do.	425.73	156.36	39.00	Do.
February	0.503	0.476	0.476	Do.	502.24	133.04	33.80	Do.
March	0.651	0.544	0.527	Do.	602.50	149.60	35.57	Do.
Total	3.784	3.619	3.623	Nil.	3,642.15	1,047.23	262.46	...

Grand Total = 4,951.84 million gallons in dry season *i.e.* 23.36 million gallons per day.

APPENDIX 5 (Paragraph 26).

Plant and Machinery in use in the Outside City Division.

Serial No	Description.	Serial No.	Description.
1	Drewry Motor Trolley No. 1 with 10 B.H.P. Petrol Engine.	24	Air Compressor at Powai Chlorination Plant.
2	Drewry Motor Trolley No. 3 with 10 B.H.P. Petrol Engine.	25	Johnson out-board motor at Vehar with 0.93 B.H.P. petrol driven Engine.
3	Drewry Light Motor Trolley No. 5 with 8 B.H.P. Petrol Engine.	26	3 Nos.—Low Pressure Centrifugal Pump 3" × 3" pump with 6 B.H.P.
4	Drewry Trolley No. 6 with 24-25 B.H.P. Ford Petrol Engine.	27	One set.—High Pressure Centrifugal Pumps (2-1½" Worthington Pumps in series) with 3 B.H.P. Petrol Engine.
5	Buda Light Inspection Motor Trolley No. 7 with 6 B.H.P. Petrol Engine.	28	Lime Plant at Vehar.
6	'Buda' Motor Trolley No. 8 with 17 B.H.P. Petrol Engine.	29	'Peter' Oil Engine, 'S' type 6 B.H.P., 720 R.P.M. at Bhandup Chlorinating Plant.
7	'Buda' Light Inspection Motor Trolley No. 9 with 7 B.H.P. Petrol Engine.	30	Centrifugal pump, 3"×3" Gwynes Pump, at Bhandup Chlorinating Plant.
8	'Buda' Light Inspection Motor Trolley No. 10 with 7.7 B.H.P. Petrol Engine.	31	Centrifugal pump, 4"×5" 'Bomdon' pump, at Bhandup Chlorinating Plant.
9	'Buda' Light Inspection Motor Trolley No. 11 with 7.7 B.H.P. Petrol Engine.	32	'Peters' Oil Engine, 'S' Type, 18/21/B.H.P. at Bhandup Chlorinating Plant.
10	Portable 'Little Giant' Electric drilling machine heavy duty air cooled with universal motor.	33	'Peters' Oil Engine, 'S' type 8 B.H.P. 550 R.P.M. at Bhandup Chlorinating Plant.
11	Oxy-Acetylene welding and cutting plant with trolley.	34	Pulsometer Centrifugal Pump, 4"×3" size at Bhandup Chlorinating Plant.
12	Oxy-Acetylene welding and cutting plant with trolley.	35	Air Compressor set with 1½ B.H.P. 750 R.P.M. 'Peter' Engine at Tulsi Filters.
13	Atlas Electric driven Lathe with ½ B.H.P. 1450 R.P.M single phase motor.	36	2 Nos.—'Broom Wade' Air Compressors at Tulsi Filters.
14	'Broom Wade' Air Compressor at Ghatkopar.	37	'Peter' Oil Engine. 'S' type 25 B.H.P. 400 R.P.M. at Tulsi Filters.
15	Portable 'Jager' Pump 1½" size with Petrol Engine.	38	'Wolfe' Oil Engine. Type DJ, 12.25 B.H.P. at Tulsi Filters.
16	Hand drilling machine, capacity upto 1½".	39	Ammoniator "AN" type, gravity type at Tulsi Filters.
17	Hack Saw machine, capacity 6"×6" complete with 1.5 B.H.P. Motor belt driven.	40	Chlorinator gravity type at Tulsi Filters.
18	Ammonia Plant at Ghatkopar cross connection with injector (Pressure type).	41	Diesel Locomotive, 10 tons capacity with 40 B.H.P. National Engine.
19	Two Centrifugal Pumps at Ghatkopar cross connection 1½" Wortington Pumps with 1½ B.H.P. motor.	42	'Millers' Concrete Mixer (5×6) complete with engine.
20	Two Chlorinator N' type at Ghatkopar cross connection with pressures type solutionizers.	43	Johnson out board Engine with 0.93 B.H.P. Petrol Driven Engine at Tansa.
21	Lighting set at Powai Chlorination House, 32/44 volts with 3 B.H.P. 'Petter' Engine.	44	Blakes Hydraulic Ram (6") at Tansa.
22	Central Chlorination Plant at Powai Chlorination House with 3 hydrostats, six chlorine panels and pressure type solutionizers.	45	Blakes Hydraulic Ram (1") at Tansa.
23	'Peter' Oil Engine, 'S' type 18/21 B.H.P. 450 R.P.M. at Powai Chlorination Plant.	46	Lighting set 100/140 volts, complete with Engine and dynamo, 405 Kilo-watt. 950 R.P.M. at Tansa.
		47	Parker's Special portable concrete mixer model 70 capacity 10-7 Cubic feet with Lister Engine.

APPENDIX 6 (Paragraph 28).

(1) *Re-chlorination of inside City. Number of Rechlorination jobs carried out during theyear.*

Date.	Size of main.	Location.	Period (hour.)	Dosage per hour in Lbs.	Description of Chlorinator Plant.	Remarks.
5-5-1945	15"	Jerbai Wadia Road ...	5	1	1 lb. Portable Chlorinator.	
30-5-1945	5"	Memonwada Street ...	1½	1	Do. do.	
2-5-1945	9"	Wodehouse Road ...	3	1	Do. do.	
6-5-1945	9"	Bhoiwada	½	1	Do. do.	
20-6-1945	24"	Frere Road	2	1	Do. do.	
29-6-1945	6"	Dhobitalao	½	1	Do. do.	
5-7-1945	6"	Sonapur Lane ...	1½	1	Do. do.	
6-7-1945	15"	Pydhonie Road	1½	1	Do. do.	
9-7-1945	6"	Dadar Matunga	½	1	Do. do.	
14-7-1945	12"	Tardeo	2	1	Do. do.	
17-7-1945	6"	Morland Road	½	1	Do. do.	
25-8-1945	15"	Masjid Bunder Road	½	1	Do. do.	
28-8-1945	9"	Hains Road	1	1	Do. do.	
1-10-1945	...	High Court Well ...	...	3½	8 Lbs. Portable Chlorinator.	
17-10-1945	6"	New Tank Bunder Road ...	½	1	1 Lb. Chlorinator.	
18-10-1945	12"	Bhuleshwar Road ...	2	½	Do. do.	
22-10-1945	48"	Vincent Road	2	1	Do. do.	

(2) *Re-Chlorination of 24" main in Frere Road.*

Serial No.	Date.	Size of mains.	Location.	Period of chlorination. (hours.)	Dosages per hour in Lbs.	Description of Chlorination Plant.	Remarks.
1	1-4-1945 to 30-4-1945	24"	Gunpowder Road ...	476	6	8 Lbs. portable chlorinaiting Unit.	
2	1-5-1945 to 12-5-1945	24"	Do. do. ...	180	6	Do. do.	
3	13-5-1945 to 13-1-1946	18"	Outlet at Bhandarwada Hill Reservoir.	900	1	Specially designed gravity feed plant.	
4	14-1-1946 to 31-1-1946	18"	Do. do. ...	128	1	8 Lbs. portable chlorinating unit.	
5	1-2-1946 to 14-2-1946	18"	Do. do. ...	112	1	Do. do.	
6	15-2-1946 to 28-2-1946	18"	Do. do. ...	90	½	Do. do.	
7	1-3-1946 to 31-3-1946	18"	Do. do. ...	135	½	Do. do.	

APPENDIX 7 (Paragraph 31).

Structures in the Outside City Division.

2 Nos.—For offices at Ghatkopar and Powai.

10 Nos.—For stores at Ghatkopar, Powai, Vehar (2) Kapurbavdi, (2) Agra Road, Khaling (2) and Tansa.

2 Nos.—For Workshops at Ghatkopar and Agra Road.

2 Nos.—For complete Chlorination and ammoniation plants at Ghatkopar Cross Connection and Powai.

3 Nos.—Engine Houses at Bhandup, Powai Compound and Powai Filters.

1 No.—Pump House at Vehar.

3 Nos.—Trolley and loco-sheds at Ghatkopar (2) and Kapurbavdi.

3 Nos.—For Venturies at Powai, Marol and Thana Road.

9 Nos.—Stone Masonry sluice Houses at Bandra, Sion Marimata, Vehar Tunnel, Bangoda Tulsi, Kapurbavdi, Gundvli and Tarali.

3 Nos.—Brick Masonry sluice Houses at Chembur, Kirol, and Kasheli.

13 Nos.—Syphon Head Cabins at Ghatkopar Syphon Head, Powai Syphon North and South, Yewai Syphon North and South, Agra Road Syphon North and South, Khaling Syphon North and South Nandola Syphon North and South, Newada Syphon North and South.

1 No.—Watchman's cabin at Bhandup.

1 No.—Carpenter shed at Ghatkopar.

1 No.—Lighting set House at Powai.

6 Nos.—Inspection Bungalows (stone-masonry) at Tansa (2 with out-houses), Newada, Khaling, Powai Compound and Vehar (with out-house).

5 Nos.—Officers' quarers of stone masonry at Vehar, Kapurbavdi, Khaling, Agra Road and Tansa.

3 Nos.—Officers' quarters of Brick Masonry at Santa Cruz (2 with out-houses), and Ghatkopar.

163 Units.—Workmen's units (Permanent structure) at Sion (6), Chembur (11), Ghatkopar (10), Ghatkopar Cross Connection (7), Ghatkopar Syphon Head (5), Thana Road (1), Marol (9), Powai Anchor Block (2), Powai compound (2), Powai Filter (25), Vehar (3), Bhandup (3), Tulsi (4), Pekhran Syphon Head (3), Kapurbavdi (6), Kasheli Bridge No. 2 (1), Gundoli Anchor Block (2), Tarali Anchor Block (4), Pogad Anchor Block (2), Pogaon Syphon (3), Yewai Syphon North (3), Agra Road (8), Kiravli (2), Pachapur (4), Jamboli (2), Agra Road Syphon north and south (4), Khaling (6), Khaling Syphon north (5), Mandola Syphon north and south (4), Newada North (4), and Tansa (12).

8 Units.—Workmen's quarters semi-permanent units-Swing Bridge (5), and Ghatkopar Cross Connection (3).

APPENDIX 8 (Paragraph 37).

Rainfall and Vaitarna river discharge at Mangalpada near Tembha (at the site selected for a pick-up-weir).

Months.	Year 1930.		1931.		1933.		1934.		1935.	
	Rainfall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallons.
June ...	25.46	15,755.34	2.02	*Nil.*	17.11	22,270.52	17.99	12,387.18	22.18	9,524.91
July ...	20.11	117,625.07	73.93	98,844.03	24.86	44,789.95	29.15	69,166.19	35.72	76,630.71
August ...	10.58	46,897.30	25.62	88,620.82	39.51	1,10,497.42	31.68	81,995.56	16.70	66,233.10
September ...	18.09	50,395.96	14.17	34,324.84	26.39	54,509.48	12.04	23,659.63	17.40	40,891.41
October ...	1.31	8,113.15	19.92	47,917.44	3.16	7,175.74	2.29	3,575.65	5.06	4,050.87
November ...	*Nil.*	1,764.61	*Nil.*	1,033.30	*Nil.*	491.13	Not	Recorded.	0.03	631.53
Total ...	75.55	2,40,562.43	134.66	2,70,740.43	111.03	2,39,734.24	93.15	190,784.21	97.09	1,97,982.53

Months.	1936.		1937.		1940.		1941.		1942.	
	Rainfall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallons.	Rain fall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallons.
June ...	24.90	24,253.44	28.36	23,964.77	17.98	14,345.80	9.65	6,185.07	25.11	13,870
July ...	27.30	62,316.18	58.52	122,317.27	46.75	77,545.61	58.62	80,777.57	65.31	1,27,195
August ...	17.32	49,610.04	9.14	29,975.14	36.81	79,623.20	16.31	40,459.13	18.55	54.670
September ...	16.97	43,051.97	25.94	48,271.90	11.69	27,059.62	5.22	9.004.88	17.84	44.605
October ...	0.05	2,636.89	2.04	6,595.27	10.97	20.225.63	3.62	1.905.33	...	7,968
November ...	Not	Recorded.	*Nil.*	831.00	Not	Recorded.	Not	Recorded.	Not	Recorded.
Total ...	86.54	181,868.52	124.00	2,32,009.35	124.20	218,799.86	93.42	138,331.98	126.81	2,48,30,800

Months.	1943.		1944.		1945.	
	Rainfall in inches.	Discharge in Million Gallons.	Rainfall in inches.	Discharge in Million Gallos.s	Rainfall in inches.	Discharge in Million Galluns.
June ...	19.15	13.283	13.92	10.088	15.86	11,626
July ...	69.04	1.29,620	67.28	1,37.518	49.62	1,08,343
August ...	10.72	44.440	29.05	89.345	24.00	77.641
September ...	20.73	44.857	3.15	11.305	16.73	44.592
October ...	8.04	15.795	3.23	2.563	0.57	4.815
November ...	Not	Recorded.	Not	Recorded.	Not	Recorded.
Total ...	126.68	2,47,995	116.63	2,50,810	106.78	247.017

APPENDIX 10 (Paragraph 43).

Hours of supply in different localities since 18-10-1945 (All time indicated in Bombay Time).

Locality.	Type of Supply.			Total equivalent full supply hours (7 restricted hours=1 supply hour).	Remarks.
	Full.	No Supply.	Restricted.		
(1) Fort, Colaba and Back-Bay Areas.	2-00 A.M. to 8-30 A.M. =6½ hours.	8-30 A.M. to 4-0 P.M. =7½ hours.	4-00 P.M. to 2-0 A.M. =10 hours.	8	Malabar Hill Reservoir Supply The 24" main supplying the Fort area is already overtaxed as determined by the pitometer gaugings and therefore is not able to fill up all the overhead tanks in Fort area during the usual 7 hours. The cost of laying another main would, in the present circumstances, be out of proportion to the benefit derived.
(2) Dhobitalao, Girgaum, Thakurdwar, Hughes Road, Khetwadi (part) C. P. Tank (part) and Sandhurst Road, West.	Do. ...	8-30 A.M. to 4-0 P.M. and 7-0 P.M. to 2-0 A.M. =14½ hours.	4- 0 P.M. to 7-0 P.M. =3 hours.	7	Malabar Hill Reservoir Supply.
(3) Gibbs Road (part), Ridge Road, Altamount Road, Carmichael Road, (part) Pedder Road (part), and Walkeshwar (part)	Do. ...	Do. ...	Do. ...	7	Pump Supply.
(4) Nepean Sea Road and Narayan Dabholkar Road.	Do. ...	Do. ...	Do. ...	7	Malabar Hill Reservoir Supply. During the previous years a larger size main was laid and the supply restriceted as in the other parts of the City.
(5) Warden Road, Gowalia Tank Road (part), Pedder Road (part) Carmichael Road (part) Gibbs Road (part), Walkeshwar (part).	....	24 hours. ...	...	...	Malabar Hill Reservoir and direct supply from 57" West. Proposals for providing a 24" sluice valve at Clerk Road with a chowki to regulate the supply have been approved and the works taken in hand. When this arrangement is completed the supply hours will be restricted as in other places.
(6) Walkeshwar Road (part), Ridge Road (part) and Banganga Road.	....	Do. ...	...	...	Malabar Hill Reservoir Supply. For fear of air-locks in 12" syphon main from Malabar Hill Reservoir the supply is not retricted. Proposals were put up to relay the main and when the Corporation approves the proposals and work is carried out, the supply will be restricted as in other places.
(7) Mazgaon, Dongri, Nagpada, Mandvi, Kamatipura, Madanpura (part), Pydhonie, Nul Bazar, Sandhurst Road East, Grant Road (part), Byculla, C. P. Tank (part), Khetwadi (part).	2-0 A.M. to 8-30 A.M. =6½ hours.	8-30 A.M. to 4-0 P.M. and 7-0 P.M. to 2-0 A.M. =14½ hours.	4-0 P.M. to 7-0 P.M. =3 hours.	7	Bhandarwada Hill Reservoir Supply.
(8) North of the City above Clerk Road and bounded by a line along the Railway Line. (G Ward).	2-0 A.M. to 8-30 A.M. =6½ hours.	8-30 A.M. to 4-0 P.M. and 7-0 P.M. to 2- 0 A.M. =14½ hours.	4-0 P.M. to 7-0 P.M. =3 hours.	7	Direct Supply from 57" West Tansa Main.
(9) Tardeo, Grant Road (part), Gamdevi, Madanpura (part), Lamington Road, Reay Road, Sewri and Cotton Green.	Do. ...	Do. ...	Do. ...	7	Direct Supply from 48" Old Tansa and 57" West.
(10) North of the City above Kalachowky and bounded on the west by G. I. P. Railway Line (F Ward).	9-0 P.M. to 8-30 A.M. =11.5 hours.	Nil.	8-30 A.M. to 9-00 P.M. =12 hours.	13.25	The Supply is given from 24" and 32" Vehar Mains. For want of service reservoirs and small sizes of trunk mains, supply cannot be well regulated. Survey of the Hills for detailed plans and Estimates will be taken up shortly.
(11) Bombay Port Trust Docks and Royal Indian Navy Dockyard.	...	24 hours	supply.	...	Bhandarwada Hill Reservoi Supply. This supply is metered and is required for steamers and the dock area for which a special main was laid at the cost of the Government of India.

APPENDIX 11. (Paragraph 45).

No. of sluice valves operated and the staff maintained for the control and regulation of water supply.

Place.	Staff.							No. of sluice valves operated.		Remarks.
	Inspector.	Sub-Overseer.	Telephone Attendants.	Chawiallas.	Pump Attendants.	Sluicemen.	Labourers.	Hand operated.	Electrically operated.	
Babula Tank Control Station ...	...	3	3	...	...	1	1	4	...	Only in case of fire.
Malabar Hill Reservoir ...	...	1	...	...	3	9	...	10	12	
Bhandarwada Hill Reservoir ...	...	1	...	...	3	12	...	34	6	
A Ward (Mint Road) ...	1	3	...	3	...	2+2	5+2	17	...	
B Ward (Babula Tank Road) ...	1	2	...	3	...	2+3	4+3	7	...	
C Ward Do. ...	1	3	...	3	...	3	4	...	...	
D Ward (Gowalia TankNana's Chowk)	1	4	...	3	...	10	8	17	...	
E Ward (Souter Street)	1	3	...	3	...	3	5	5	...	
F Ward ...	1	3	...	3	3*	4	5	8	...	*Temporary.
G Ward (DeLisle Road near junction with Elphinstone Road)...	1	3	...	3	...	2	5	10	...	
Futka Tank Sub-Control Station (King's Circle) ...	...	...	...	...	...	2	1	3	...	
Lady Hardinge Road Sub-control Station (Junction Lady Jamshedji Road) ...	...	...	...	...	...	1	1	2	...	
Gokhale Road South Sub-control Station (Junction Portguese Church) ...	...	...	...	...	...	1	1	2	...	
Slope Gardens ...	...	1	...	...	...	...	...	...	...	
	7	27	3	21	9	57	45	119	18	

APPENDIX 12. (Paragraph 47).

Drinking Fountains, Cattle Troughs etc.

Serial No.	Location.	Ward.
	I.—Drinking Fountains.	
1	Bazargate Street junction Gunbow Street ...	A
2	Cowasjee Patel Street ...	A
3	Gunbow Street and Cowasjee Patel Street ...	A
4	Churchgate Street (Flora Fountain) ...	A
5	Pitha Street ...	A
6	Carnac Road junction Hornby Road ...	A
7	Cruickshank Road opposite Municipal Office ...	A
8	Colaba Road opposite Observatory ...	A
9	Apollo Pier ...	A
10	Mayo Road Police Chowky ...	A
11	Pilot Bunder Road and Colaba Road ...	A
12	Palton Road and Saboo Siddick Road ...	A
13	Museum (Playing) ...	A
14	Nicol Road and Goa Street ...	A
15	Nicol Road and Currimbhoy Street ...	A
16	Nicol Road and Ballard Pier ...	A
17	Mahatma Gandhi Road and Eldon Road ...	A
18	Mahatma Gandhi Road near Tram shed at Museum	A
19	New Chinchbunder junction Noorbaug ...	B
20	New Chinchbunder junction Sandhurst Road ...	B
21	Samuel Street opposite House No. 136 ...	B
22	Imamwada junction Ebrahim Rahimtoola Road ...	B
23	Jail Road junction Dongri Street ...	B
24	Parel Road junction Sandhurst Road ...	B
25	Abdul Rehman Street junction Mandvi Road ...	B
26	Abdul Rehman Street opposite House No. 277 ...	B
27	Mahomedally Road junction Masjid Bunder Road ...	B
28	Chakla Street junction Carnac Road ...	B
29	Chakla Street opposite House No. 142 ...	B
30	Argyle Road junction Kurla Street ...	B
31	Argyle Road junction Broach Street ...	B
32	Frere Road junction Masjid Siding ...	B
33	Frere Road junction Baroda Street ...	B
34	Bhuleshwar junction 3rd Bhoiwada ...	C
35	Queen's Road junction Thakurdwar ...	C
36	1st Dhobitalao ...	C
37	Janjikar Street ...	C
38	Mumbadevi Road ...	C
39	Trimbak Parshram junction Grant Road ...	C
40	Erskine Road near Nulbazar ...	C
41	Sandhurst Road (Round Temple) ...	C
42	Sandhurst Road junction near Mutton Street ...	C
43	Tardeo Road Tram Terminus ...	D
44	Hanging Garden Malabar Hill Reservoir (Playing)	D
45	Girgaum junction Charni Road ...	D
46	Kennedy Bridge, Girgaum ...	D
47	Gibbs Road (near Garden) ...	D
48	Gowalia Tank and Pedder Road ...	D
49	Victoria Garden Road near Berkley Palace ...	E
50	Babula Tank junction J. J. Hospital ...	E
51	Ghorupdeo Road opposite Kaiser-I-Hind Mills ...	E
52	Mastan Tank Road junction Huzuriam Street ...	E
53	Bellasis Road junction Ripon Road ...	E
54	Jacob Circle ...	E
55	DeLisle Road opposite Kermani Market ...	E
56	Parel Road junction Kalabadevi ...	E
57	Reay Road junction Connaught Road ...	E
58	Ghorupdeo Road junction New Tank Bunder Road...	E
59	Souter Street junction Ripon Road ...	E
60	Mazgaon Road junction Dockyard Road ...	E
61	Dockyard Road near Pedder Market ...	E
62	Katrak Road near Temple ...	F
63	Lakhamsi Napu Road ...	F
64	Khodadad Circle ...	F
65	Wadala Village ...	F
66	Bhoiwada Road ...	F
67	King's Circle Garden ...	F
68	Triparti Road junction Parel Tank Road ...	F
69	Bhandarkar Road junction Lakhamsi Napoo Road (Playing Fountain).	F
70	Parel Tank junction Golanji Hill Road ...	F
71	Parel Tank junction Kalachowki ...	G
72	Suparibaug Road opposite Masjid ...	G
73	Dharavi Road and Dharavi Cross Road ...	G
74	Lady Jamshedji Road and Mahim Causeway ...	G
75	Tilak Bridge Garden ...	G
76	Shivaji Park (in the Park) ...	G
77	Clerk Road junction Hornby Vellard ...	G
78	Lady Jamshedji Road opposite Kohinoor Mills ...	G
	II.—Cattle Troughs.	
1	Pilot Bunder and Colaba Road ...	A
2	Kurla Street opposite House No. 16 ...	B
3	Harvey Road junction Gowalia Tank Road ...	D
4	Arthur Road near Bellasis Bridge ...	D
5	Falkland Road junction Lamington Road ...	D
6	Victoria Road junction Reay Road ...	E
7	Reay Road junction Gunpowder Road ...	E
8	Connaught Road junction Ghorupdeo Road ...	E
9	Narielwadi off Mount Road ...	E
10	Sion Causeway junction Duncan Causeway ...	F
11	Katrak Road junction Lady Jehangir Road ...	F
12	Vincent Road junction Naigaum Cross Road ...	F
13	Parel Tank Road junction near Kalachowki ...	F
14	Portuguese Church junction Lady Jamshedji Road...	G
15	Kashinath Dhuru Road junction Portuguese Church Street	G
16	Worli Road junction Fergusson Road ...	G
17	Arthur Road junction DeLisle Road ...	G
	III.—Drinking Fountains with Cattle Troughs.	
1	Mahatma Gandhi Road junction Hospital Lane ...	A
2	Carnac Road junction Frere Road ...	A

APPENDIX 12 (Paragraph 47)—*contd.*

Serial No.	Location.	Ward.
	III.—Drinking Fountains with Cattle Troughs.—contd.	
3	Mint Road junction Frere Road ...	A
4	Palton Road junction Hornby Road ...	A
5	Fort Street junction Mint Road ...	A
6	Elphinstone Circle ...	A
7	Dongri Street junction Chinchbunder Road (Keshaoji Naik).	B
8	Pydhownie Road junction Kolsa Street ...	B
9	Argyle Road junction Carnac Road ...	B
10	Molet Bunder junction Frere Road ...	B
11	Argyle Road junction Kalyan Street ...	B
12	Girgaum Road junction Dr. Vicgas Street ...	C
13	Bhuleshwar Street Kabutarkhana ...	C
14	Kalbadevi Road junction Princess Street ...	C
15	Shaikh Memon Street ...	C
16	Grant Road junction Duncan Road ...	C
17	Cawasji Patel Street junction C. P. Tank ...	C
18	Clerk Road ...	D
19	Grant Road junction Lamington Road ...	D
20	Babulnath Band Stand ...	D
21	Walkeshwar Road ...	D
22	Victoria Garden Road opposite Victoria Gardens ...	E
23	Sion Road junction Road No. 8. ...	F
24	Vincent Road junction Matunga Road ...	F
25	Tilak Road junction Naigaum Road ...	F
26	Poibavdi (Dadar Road junction Elphinstone Road) ...	F
27	Parel Tank opposite Birla Mills ...	F
28	Parel Govt. Gate Road junction Chamberbaug ...	F
29	Jijibhoy Lane opposite Suparibaug Road ...	F
30	Tokersi Jivraj Road ...	F
31	Sewri Cross Road near Maruti Temple ...	F
32	Jakaria Bunder Road, Sewri ...	F
33	Gokhale Road junction Bhavanishankar Road ...	G
34	Lady Jamshedji Road junction Mia Mahomed Chhotani Road.	G
35	Cadell Road junction Sayani Road ...	G
36	Fergusson Road near Dawn Mills ...	G
37	Love Grove Road junction Hornby Vellard ...	G
	IV.—Stand Pipes.	
1	Bazargate Street opposite Police Chowky ...	A
2	Dongri Street junction Sandhurst Road ...	B
3	1st Chinchbunder Road opposite House No. 23 ...	B
4	Elphinstone Bridge junction Clive Road ...	B
5	Argyle Road junction Masjid Bridge ...	B
6	Erskine Road near Police Chowky ...	C
7	Harvey Road junction Gowalia Tank ...	D
8	Mugbhat Street ...	D
9	Banganga Street opposite House No. 51 ...	D
10	Banganga Street opposite House No. 91 ...	D
11	Victoria Road junction Reay Road ...	E
12	Connaught Cross Lane junction Reay Road ...	E
13	Parel Tank junction Kalachowky ...	F
14	Sion Koliwada junction Road No. 8 ...	F
15	Sewri Bazar Road (Dhakti Sewree) ...	F
16	Sion-Dharavi Road near Road No. 1 ...	F
17	Sewree-Koliwada near Sewree Bazar ...	F
18	Sewree-Koliwada near Sewree Bazar ...	F
19	Sewri Cross Road ...	F
20	Parel Back Road opposite Veterinary College ...	F
21	Dadar Road junction Naigaum Cross Road ...	F
22	Parel Village near well ...	F
23	Naigaum Road junction Naigaum Cross Road ...	F
24	Parel Tank behind Haffkine Institute ...	F
25	Wadala Village ...	F
26	Parel Tank Road junction Kalachowky ...	F
27	Portuguese Church junction Lady Jamshedji Road ...	G
28	Kashinath Dhuru junction Portuguese Church ...	G
29	Worli Road junction Fergusson Road ...	G
30 to 48	Worli-Koliwada ...	G
49	Kandewadi near Nariman's Bungalow ...	G
50	Morba's Wadi, Kandewadi Worli ...	G
51	Cadell Road junction near old Parbhadevi ...	G
52	Chowni Gully new Parbhadevi Road ...	G
53	Kashinath Dhuru Road Sea Face ...	G
54	Mahim Fort ...	G
55	Mori Road ...	G
56	Mia Mahomed Chhotani Road Cross Lane ...	G
57	Dharavi Road opposite Masjid ...	G
58	Dharavi Road opposite Masjid ...	G
59	Dharavi-Koliwada ...	G

APPENDIX 13. (Paragraph 48).

Municipal Wells.

Serial No.	Location.	Ward.
1	Elphinstone Circle Garden ...	A
2	Cawasji Patel Street opposite House No. 103 ...	A
3	Mint Back Road opposite House No. 46 ...	A
4	Mayo Road in High Court Compound ...	A
5	Cross Maidan opposite Bombay Gymkhana ...	A
6	Cross Maidan opposite Bombay Gymkhana ...	A
7	Cross Maidan North end junction Hospital Lane ...	A
8	Cruickshank Road opposite Municipal Office ...	A
9	Junction of Mayo Road and Churchgate Street ...	A
10	Cruickshank Road opposite Municipal Office ...	A
11	Fort Street junction Mint Road ...	A
12	3rd Marine Street opposite House Nos. 41 and 43...	C
13	Karelwadi opposite House Nos. 41 and 43 ...	C
14	Mazgaon Road (Ganga Bawdi) ...	E
15	Matarpakhadi Oart ...	E
16	Dockyard Road junction Reay Road ...	E
17	Parel Village at South-West corner of Parel Tank ...	F
18	Worli-Koliwada East of Worli Tank (Two Tanks)...	G

APPENDIX 14 (Paragraph 49).

Details of Gardens in charges of Hydraulic Engineer's Department with their areas, length and width of pathways, opening and closing timing, staff, etc.

Gardens.	Area in sq. ft.	Pathways.		Timings (B T.).		Staff.							
		Length. in ft.	Width. in ft.	Opening.	Closing.	Park-Keepers.	Head Malies	Mukadams.	Watchmen.	Malies	Labourers.	Women.	Lamp-Lighter.
(1) Sir P. M. Gardens.	2,89,000	7,100	...	4-30 A.M.	One hour after Sunset.	1	1	1	1	6	29	...	...
(2) Hughes Road and Chowpaty Slope Gardens.	6,80,000	6,400	...	24 hours.		3	1	...	...	13	18	8	...
(3) Hanging Gardens.				24 hours.									
(4) Ridge Road—Ladies & Children Garden	81,000	2,400	...	4-30 A.M.	Half-an hour after Sun-set.	1	1	1	1*	10	...	...	...
(5) Joseph Baptista Garden.	3,75,000	9,500	...	Do.	Do.	1	...	1	2	15	18	...	1†
Total ...	8,25,000	25,400	...	...		6	3	3	4	44	65	8	1
										134			

* Temporary. † Post Vacant.

APPENDIX 15 (Paragraph 51).

Short Supply Complaints in the City.

Months	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
January ...	218	150	207	*	140	207	125	160	225	221	138	131	230	192
February	190	135	145	*	141	156	120	190	170	292	188	135	171	211
March ...	310	150	152	*	148	280	195	135	485	211	352	232	246	272
April ...	270	254	225	*	195	351	280	345	750	147	481	280	307	...
May ...	255	307	301	*	262	342	275	440	420	196	352	276	282	...
June ...	185	245	*	*	215	150	235	390	332	540	333	304	312	...
July ...	195	226	*	*	160	93	260	151	345	204	281	196	210	...
August ...	130	185	*	*	155	105	158	122	240	211	131	232	217	...
September	135	218	*	*	180	188	195	150	365	108	115	174	250	...
October ...	165	232	*	*	390	103	212	180	620	220	201	421	361	...
November	170	195	*	*	362	140	222	180	518	227	332	472	387	...
December	120	182	*	175	340	142	152	140	360	184	159	268	217	...
Total ...	2,343	2,479	...	...	2,688	2,257	2,429	2,582	4,630	2,761	3,263	3,121	3,195	

* Figures for this period are not available.

APPENDIX 16 (Paragraph 57).

Statement of Defects found on Mains and Service Pipes during the year 1945—46.

Month.	No. of diagrams taken.	Total leakage discovered and arrested in gal'ons per hour.	DEFECTS																					
			UNDER GROUND									ABOVE GROUND												
			Mains		Sluice Valves.	Hydrants	Service Pipes.	Stop Taps.	Disconnected service pipes		Miscellaneous Holes in Mains, etc.	Bib Taps			Service Pipes		Ball Valves and Tanks			Stop Taps leaking.	Meter Coupling Flanges, Holes etc.	Miscellaneous.	REMARKS.
			Bursts.	Joints.					Ferrule leak.	Pipe leak.		Re-washered	Out of order.	Left open.	Leaking.	Without Tap.	Ball Valves out of order.	Tanks without Ball Valves	Tanks leaking.				
1945—																								
April ...	60	259,290	1	9	51	267	128	54	10	1	...	129	222	...	122	34	166	120	61	8	...	...		
May ...	44	265,480	1	9	58	303	193	44	18	2	...	31	258	...	134	13	202	85	91	25	...	...		
June ...	57	231,050	...	5	88	262	154	61	10	...	...	40	257	...	128	49	161	101	75	21	...	...		
July ...	58	273,990	2	3	57	187	149	26	8	...	...	73	238	...	95	63	85	135	118	9	...	...		
August ...	53	223,410	...	5	64	257	217	36	2	18	2	50	227	...	106	33	160	141	58	13	...	...		
September ...	50	254,190	3	9	64	183	181	31	11	...	...	61	198	...	82	21	101	168	104	11	...	...		
October ...	67	311,530	2	9	63	215	204	27	21	10	...	57	291	...	107	15	190	147	98	8	...	...		
November ...	50	238,890	4	2	50	287	158	27	44	...	...	31	229	...	101	15	122	227	42	6	...	...		
December ...	39	219,770	....	15	55	236	182	44	24	...	...	40	214	...	77	16	177	119	97	4	...	...		
1946—																								
January ...	67	249,730	2	7	55	269	158	55	24	...	3	21	148	...	105	25	258	30	95	10	14	...		
February ...	57	197,550	...	6	51	165	163	41	19	2	...	7	167	...	94	26	139	142	81	21	...	...		
March ...	44	222,870	...	9	77	187	190	32	18	26	...	11	168	...	78	21	89	147	69	5	...	...		
Total ...	646	3,79,600	15	88	733	2,818	2,077	478	209	59	5	551	2,617	...	1,229	331	1,850	1,562	989	141	14	...		
Grand Total ...	646	3,79,600	6,482									551	8,733											

APPENDIX 17 (Paragraph 60)

(1) *Plant and Machinery in the Water Works Maintenance Yard, DeLisle Road.*

Serial No.	Description.	Serial No.	Description.
1	1 No.—Hydraulic Testing Machine for testing galvanised and brass fittings.	20	1 No.—'Novo' small portable air compressor unit with spray-painting outfit.
2	3 Nos.—Hydraulic Testing machines for testing C. I. pipes from 3" to 30" diameter and upto 18' in length.	21	1 No.—Portable air compressor plant, capacity 160 c.ft. per minute; working air pressure 100 lbs. per sq. inch.
3	1 No.—Hydraulic Testing machine for testing special catsings.	22	1 No.—Power driven—two stone grinding machines.
4	6 Nos.—4" portable double diaphragm petrol pumping set; capacity 200 G. P. M. each.	23	1 No.—Hydraulic jack complete with truck 1 ton.
5	2 Nos.—6" Fordson's Portable Pumping units; self-pumping, self-propelled, capacity 700 and 100 G.P.M.	24	1 No.—Cement gun (with accessories).
6	1 No.—6"×5" Steam pump, vertical cross tube boiler, complete with two testing pumps, accessories, etc., capacity 900 G.P.M.	25	1 No.—Talbot pipe tapping machine.
7	1 No.—Old Fire engine pumping unit.	26	1 No.—Hand tapping machine with equipments.
8	1 No.—Portable Drilling machine hand-driven.	27	1 No.—Lead melting furnace.
9	1 No.—Drilling machine hand and power driven for small articles.	28	4 Nos.—Meter testing C. I. and M. S. tanks—Capacity 100 gallons to 550 gallons.
10	1 No.—Portable electric drilling machine 3/4 H.P.	29	1 No.—10 B.H.P. Electric Motor for machine shop drive (complete with accessories).
11	2 Nos.—7" and 9" Lathes Turner's Power driven.	30	1 No.—Electric blower unit (driven by 2 B.H.P. motor complete with accessories).
12	1 No.—Lathe carpenter's foot driven.	31	3 Nos.—Blower hand units 9" and 16".
13	1 No.—Portable crane 1 ton.	32	2 Nos.—Cement testing machines.
14	1 No.—Shaping Machine.	33	2 Nos.—'Presto' Lawn Mowers 12".
15	1 No.—Portable chlorinating unit capacity one lb. per hour.	34	1 No.—6" Centrifugal Portable pump, capacity 500 G.P.M.
16	2 Nos.—Concrete mixers, capacity 7 c.ft. and 10 c.ft.	35	2 Nos.—Motor Lorries, Leyland 5½ tons.
17	1 No.—Tyre inflator unit 1/2 H.P. (electrically driven)	36	1 No.—Motor truck, Chevrolet, 4½ tons with trailer.
18	1 No.—'Lime' Portable Roller Pan Mixer Unit.	37	1 No.—Motor lorry, Ford 1½ ton.
19	2 Nos.—Oxy-Acetylene Plant (welding and cutting) and oxy-pet plant complete with generator unit.	38	2 Nos.—Motor lorries, Chevrolet, 1 ton each.
		39	2 Nos.—6" Centrifugal portable pumping sets.
		40	1 Nos.—Portable Chlorinator 8 Lbs. per hours capacity.

Total No. of Plant and Machinery is 61.

(2) *Statement showing the Plant and Machinery, at Reservoir Control Rooms and other places.*

Serial No.	Description.	Serial No.	Description.
1	1 No.—Portable Chlorinating Unit, capacity 8 lbs./hour.	6	11 Nos.—Pumping units at Malabar Hill Reservoir and Bhandarwada Hill Reservoir. (N.P.)
2	18 Nos.—Electrically operated Sluice Valves at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.	7	1 No.—Drilling Machine power driven out of commission at Souter Street.
3	11 Nos.—Lawn mowers at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.	8	1 No.—Shearing and punching machine for cutting and punching W.I. plates, etc., out of commission at Souter Srteet.
4	5 Nos.—Electrically operated Level Indicating and Recording instruments at Malabar Hill Reservoir.	9	1 No.—Chlorinating plant at Malabar Hill Reservoir Capacity 6 lbs. per hour.
5	1 No.—Air operated Level Indicating and Recording instruments at Malabar Hill Reservoir.	10	1 No.—Pumping unit at Government Gate Road, in King Edward Road, Parel 40 B. H.P.

Total No. of Plant and Machinery is 51.

APPENDIX 18 (Paragraph 62)

Bursts in Water Mains

Serial No.	Description.	Date.	Serial No.	Description.	Date.
1	3" main in Sleater Road	... 20-4-1945	10	5" main at Bitter Road	... 1-11-1945
2	8" main in Custom House Road	... 31-5-1945	11	6" main at Bhanjarkar Road	... 14-11-1945
3	4" main at Arthur Bunder Road	... 5-7-1945	12	3" mian at Victoria Gardens Road	... 20-11-1945
4	3" main at Jacob Circle	... 25-7-1945	13	3" main at Victoria Gardens Road	... 22-11-1945
5	12" main at Wadala Road	... 11-9-1945	14	4" main at Wauchby Road	... 25-1-1946
6	3" main at Warde Road	... 16-9-1945	15	4" main at Dadar Main Road	... 23-1-1945
7	3" main at Shaikh Memon Street	... 20-9-1945			
8	3" main at Victoria Gardens Road	... 4-10-1945			
9	48" New Tansa main at Vincent Road	... 1-11-1945			

APPENDIX 19 (Paragraph 64)

Structures inside the City.

Serial No.	Description.	Serial No.	Description.
1	7 Office Buildings at (1) Mint Road (including Inspector's quarters); (2) Babula Tank Road (including Asstt., Engineer's (Distribution) quarters; (3) Souter Street (including two Inspectors' quarters); (4) Gowalia Tank Road; (5) Soparibaug Road (including one Inspector's quarters); and (6) and (7) Two Nos. at DeLisle Road (including one Inspector's quarters).	6	Watchmen's qnarters on the Slope Garden at Malabar Hill Reservoir (3 Units).
		7	Workmen's Chawl at DeLisle Road (44 Units).
		8	Servants' quarters at Malabar Hill Reservoir. (7 Units).
		9	Two Ferneris at Malabar Hill Reservoir and on Slope Gardens at Malabar Hill Reservoir.
2	9 Sub-overseer's Sluicemen Chawiwalla and Labourers' quarters at (1) Mint Road (4 Units); (2) Babula Tank Road (27 Units); (3) Gowalia Tank Road (12 Units); (4) Souter Street (17 Units) (5) Soparibaug Road (5 Units); (6) DeLisle Road (5 Units); and (7) Futka Tank (3 Units). (8) Malabar Hill Reservoir (6 Units) and (9) Bhandarwada Hill Reservoir (11 Units).	10	Reservoir Bungalow at Malabar Hill Reservoir.
		11	Tower Bungalow at Malabar Hill Reservoir.
		12	2 Nos.—Staff quarters opposite Control Room at Malabar Hill Reservoir.
		13	Inspector's quarters at DeLisle Road (Maintenance Branch.)
		14	Workshop at DeLisle Road (5 structures).
		15	Two Control Rooms at Bhandarwada Hill Reservoir.
		16	Two Sluice Houses at Bhoiwada and Sion.
3	Park-keepers' and Watchmen's quarters at Malabar Hill Reservoir (6 Units).	17	Pumping House at K. E. M. Hospital Compound, Govt Gate Road.
4	Head Mates; Malies and Mucadams' quarters at Malabar Hill Reservoir and Bhandarwada Hill Reservoir (7 Units).	18	One Control Room at Malabar Hill Reservoir.
5	Head Malies, Malies and Mucadams' quarters on the Slope Garden (4 Units).	19	2 Nos. Inspector's quarters at Babula Tank Road.

Total No. of Structures—41.

APPENDIX 20 (Paragraph 64).

Structures repaired and/or painted

Serial No.	Description.	Serial No.	Description.
1	Babula Tank Office—Inspectors, Sluicemen and Chaviwalls quarters—Lime wash.	10	DeLisle Road Maintenance Yard— (a) Providing tanks for water closet block. (b) Plastering and white washing the water closet. (c) Paving compound near meter shop. (d) Repairs to flooring and construction of wall of water closet block and urinals.
2	Babula Tank Office—Repairs to a small bath room for the use of the sluicemen.		
3	Malabar Hill Reservior—Hydraulic Engineer's Bungalow—Bath rooms repaired. Kitchen and godown white washed.	11	Souter Street Office— (a) Repairs to wall plaster. (b) Providing communicating doors. (c) Repairs to washing place. (d) White washing to Inspector's (E.O.B.) and A. E. Meter's Office.
4	Gowalia Tank Office—Roof repaired and colour washing		
5	Siri Road—Tin shed repaired.		
6	Malabar Hill Reservior Sluicemen's Quarters—Doors repaired.	12	Bhandarwada Hill Reservoir— (a) Colour washing to North Control Room. (b) Colour washing to South Control Room. (c) Colour washing to extension of South Control Room. (d) Colour washing to Sluicemen's quarters. (e) Colour washing to Mali's quarters. (f) Painting Sluicemens' and Malie's quarters. (g) Construction of rubble wall on slopes. (h) Repairs to water closet block. (i) Providing a chimney for one room in Sluicemen's quarters.
7	Gowalia Tank Office—Concrete coba renewed.		
8	Malabar Hill Reservoir Control Room—Repairs to walls.		
9	DeLisle Road Labour Chawl— (a) Paving the compound, (b) Construction of compound wall. (c) Repairs to flooring of rooms. (d) Repairs to wall plaster. (e) Repairs to Water Closet.	13	DeLisle Road Inspector's quarters and office—Petty repairs.
		14	DeLisle Road Chaviwalla's quarters—Flooring repaired.
		15	Soparibaug Road Inspector's quaters—Petty repairs.

APPENDIX 21 (Paragraph 66).

Performance of Motor-Lorries in charge of Water Works Department.

Serial No.	Description of Motor Lorry.	Registration No.	Aprosimate Loading capacity in Tons.	Mileage covered during the year.	Average Petrol consumption Miles/ Gallon.
1	Leyland 1922 Model ...	BMT 4153	5½ Tons.	8,639 Miles.	6.2
2	Leyland 1922 Model ...	BMT 4154	5½ ,,	5,600 ,,	6.0
3	Chevrolet Trailer Truck 1938 Model ...	BMT 5239	4 ,,	9,547 ,,	9.5
4	Commer Lorry 1934 Model ...	BMT 4155	1.0 ,,	7,660 ,,	11.3
5	Chevrolet Truck 1926 Model ...	BMX 3995	1½ ,,	5,253 ,,	11.3
6	Chevrolet Truck 1926 Model ...	BMX 3997	1½ ,,	8,679 ,,	12.1
7	Ford Truck 1939 Model (Scrapped from July 1945) ...	BYX 198	4 ,,	2,732 ,,	6.8
	Total Mileage ...			48,110	

APPENDIX 22 (Paragraph 67).

Articles tested during the year 1945-46.

Names of Article.	Outside parties works.	Municipal works.	Total.	Name of Articles.	Outside parties works.	Municipal works.	Total.
Bib cocks gunmetal, push, pillar cocks ...	502	1,500	2,002	Pipes C.I. ...	1,549	53	1,602
Stop cocks and wheel valves ...	561	1,804	2,365	Special castings ...	338	2,801	3,139
Ball cocks ...	40	1,662	1,702	Hydrants S.P. ...	9	127	136
Ferrules	11	1,293	1,304	Do. N.P. ...	23	36	59
Pipes galvanised	6,296	2	6,298	Do. O.P. ...	19	*Nil.*	19
Fittings	16,009	7,042	23,851	Water-closet cisterns with and without ball valves	946	58	1,004
				Showers ...	18	*Nil.*	18
				Total ...	27,121	16,378	43,499

APPENDIX 23 (Paragraph 69).

Details of the Communicating Pipes cleansd in F Wards during the year 1945-46.

Size of connection.	Condition of the Pipes.						No. of connections found broken.	Total No. of connections cleaned.
	No. of connections with Mud.	No. of connections with Incrustation.	No. of connections with Moss.	No. of connections with Algae.	No. of connections with Shells.	No. of connections with Fish.		
1/2" ...	236	109	33	13	158	5	19	573
3/4" ...	538	188	26	8	201	12	18	991
1" ...	222	75	7	...	29	3	4	340
1 1/4" ...	30	17	5	...	5	...	...	57
1 1/2" ...	19	4	...	...	...	...	...	23
2" ...	1	2	...	...	...	...	...	3
Total ...	1046	395	71	21	393	20	41	1987

APPENDIX 24 (Paragraph 70).

Details of the Consumers' Pipes cleaned in F Ward during the year 1945-46.

Size of connection.	Condition of the Pipes.					Total No. of connections cleaned.	Length of Pipes cleaned of R. ft.
	No. of connections with Mud.	No. of connections with Incrustation.	No. of connections with Moss.	No. of connections with Algae.	No. of connections with Shells.		
1/2" ...	128	109	33	13	63	346	90,384
3/4" ...	274	188	26	8	55	551	1,25,885
1" ...	111	75	7	...	8	201	45,992
1 1/4" ...	15	17	5	...	1	38	6,905
1 1/2" ...	12	4	...	...	...	16	3,371
2" ...	1	2	...	...	...	3	1,830
Total ...	541	395	71	21	127	1155	2,74,367

APPENDIX 25 (Paragraph 72).

Special works carried out by the Maintenance Branch.

Description.	Budget Head.	Expenditure during the year. 1945-46.	Remarks.
		Rs.	
(1) Cleaning service Reservoirs.	B.—Repairs and Maintenance. I.—Ordinary.	2889	
(2) Providing Strainers and Dirt Boxes.	B.—Repairs and Maintenance. II.—Extra-ordinary.	3980	
(3) Providing R. C. C. Slab over the Municipal well opp. Municipal Offices.	Do.	1190	
(4) Reconstruction of Inspection Chambers on the 57" Steel Mains at DeLisle Road.	Do.	6786	
(5) Paving the compound of the Labour Chawl.	Do.	2770	
(6) Raising the 24" Girgaum outlet main at Sandhurst Road.	B.—Repairs and Maintenance.	6383	

APPENDIX 26 (Paragraph 74).

Water mains laid (Loan Works).

Serial No.	Particulars.	Ward.	Work done.	Expenditure booked during.
	I.—Pipe Laying Work.			Rs.
	5" Diameter.			
1	Laying a water main in Kamathipura 12th Lane.	E	5" main ... 46 R. ft. 2" main ... 18 R.ft. S. P. hydrants ... 4 Nos. Pressure Gauge Box 1 No.	2,128
2	Improving the water supply in Stable Street, Kamathipura.	E	5" main ... 80 R.ft. 3" main ... 15 R.ft. S. P. hydrant ... 1 No.	897
3	Enlarging 3" water main in Peerkhan 1st lane.	E	5" main ... 15 R.ft. 12"×5" connection ... 1 No.	562
	6" Diameter.			
4	Providing new water mains in Mahim District. Road marked U1—U2	G	6" main ... 311 R.ft. 3" main ... 33 R.ft. S. P. hydrants ... 2 Nos. 9"×6" connection ... 1 No. House connections ... 6 Nos.	4,678
	Road marked E—F		6" main ... 550 R.ft. 3" main ... 36 R.ft. S. P. hydrant ... 3 Nos. 6"×6" connection ... 1 No.	
5	Laying water mains in Mahim District ...	G	Pressure Gauge Box. 1 No.	158
6	Providing water mains in Roads Nos. 1, 2, 8, 27, 27A and 29 Sion Scheme, No. 6, Road No. 4.	F	6" main ... 225 R.ft. 3" main ... 15 R.ft. S. P. hydrants ... 2 Nos. 9"×6" connection ... 1 No. 6"×6" connection ... 1 No.	3,727
7	Laying 6" main in Worli Sonapur Lane ...	G	6" main ... 317 R.ft. S. P. hydrant ... 1 No.	2,678
8	Enlarging the existing 3" and 4" mains in Mahim Kapad Bazar Road from Cadell Road to Mahim Bazar Cross Road to 6".	G	6" main ... 54 R.ft. 3" main ... 3 R.ft. S. P. hydrant ... 1 No. 12"×6" connection ... 1 No.	1,410
9	Laying water mains in Sion Scheme No. 6, Road No. 3.	F	S. P. hydrant ... 1 No.	465
10	Laying water main in Eu Trust Dharavi ...	G	6" main ... 435 R.ft. S. P. hydrant ... 2 Nos.	3,290
11	Enlarging and extending the 4" main in Curry Road, Low Level.	G	6" main ... 102 R.ft. S. P. hydrant ... 2 Nos. 12"×6" connection ... 1 No. House connections ... 5 Nos. Pressure Gauge Box 1 No.	2,833
12	Englarging the 3" main in Tadwadi to 6" and extending the same.	C	6" main ... 152 R.ft. 3" main ... 9 R.ft. S. P. hydrants ... 1 No. House connections ... 6 Nos. 6"×6" connection ... 1 No. Pressure Gauge Box... 1 No.	3,202
13	Enlarging and extending the 3" main Chamber Lane off Parel Road.	E	Pressure Gauge Box... 1 No.	315
14	Englarging the 4" main in Peerkhan 3rd lane ...	F	6" main ... 128 R.ft. S. P. hydrant ... 1 No. House connections ... 5 Nos. Pressure Guage Box 1 No.	9,114
15	Laying water main in Bhai Jivanji Lane ...	C	3" main ... 17 R.ft. S. P. hydrants ... 2 Nos.	1,108
16	Enlarging or extending the existing 3" main in Sindhi Lane to 6".	C	3" main ... 19 R.ft. S. P. hydrants ... 2 Nos.	358
17	Laying a 6" main in Shankar Bari Lane ...	C	6" main ... 237 R.ft. 3" main ... 16 R.ft. S. P. hydrants ... 3 Nos. 6"×6" connection ... 1 No. Pressure Gauge Box... 1 Nos. House connection ... 21 Nos.	2,515
18	Providing 6" water main in Nardulla Tank Road.	G	6" main ... 126 R.ft. S. P. hydrants 1 No. Pressure guage box 1 No.	1,794
19	Laying a 6" water main in the proposed 30 ft. road off Haines Road.	G	6" main ... 387 R.ft. 3" main ... 21 R.ft. S. P. hydrants ... 2 Nos. House connections ... 3 Nos.	4,478

APPENDIX 26 (Paragraph 31)—*contd.*

Serial No.	Particulars.	Ward.	Work done.	Expenditure booked during.
				Rs.
20	Providing water main in Road Nos., 8, 8A and 9 Naigaum Scheme No. 60.	F	5" main ... 273 R.ft. S. P. hydrant ... 1 No. House connection ... 5 Nos. 15"×5" and 6"×5" connections. 2 Nos.	3,397
21	Enlarging and extending the water main in Mustan Tank Road.	E	3" main ... 32 R.ft. 6" main ... 434 R.ft. S. P. hydrants ... 3 Nos. House connections ... 12 Nos.	5,631
22	Laying 6" water main in Road No. 11A and 18 (part) and replacing the existing 4" mains in Road Nos. 11, 17 and 18 (part) in Dadar Matunga Estate Scheme No. 5.	F	6" main ... 510 R.ft. S. P. hydrants ... 2 Nos. House connections ... 10 Nos.	5,596
23	Removing the existing main in Sleater Road and replacing it by a 6" water main in the western footpath thereat.	D	6" main ... 124 R.ft. 3" main ... 4 R.ft. S. P. hydrants ... 2 R.ft. House connections ... 7 Nos. 6"×4" connection ... 1 No.	4,271
24	Enlarging the existing 3" and 4" water mains in Islampura Street to 6".	D	6" main ... 296 R.ft. 3" main ... 11 Rf.t. S. P. hydrants ... 2 Nos. House connections ... 17 Nos. Pressure guage box 1 No.	4,274
25	Laying a 6" main in 40 ft. road off Cadell Road in 40 ft. road to Kashinath Dhuru Road.	G	6" main ... 507 R.ft. 3" main ... 26 R. ft. S. P. hydrants ... 2 Nos. House connections ... 5 Nos. 6"×6" connection ... 1 No.	4,65
26	Enlarging and extending the 3" water mains in Princess Street to 6".	C	6" main ... 183 R.ft. S. P. hydrants ... 1 No. House connections ... 1 No.	1,926
27	Laying a 6" water main in Mazgaon Road ...	B	6" main ... 236 R.ft. 3" main ... 9 R.ft. S. P. hydrants ... 2 Nos. House connections ... 4 Nos.	3,237
28	Providing a 6" water main in Ghallabhoy 3rd Lane.	E	6" main ... 234 R.ft. 3" main ... 10 R.ft. S. P. hydrants ... 2 Nos. House connections ... 3 Nos. 12"×6" connection ... 1 No.	2,692
29	Providing a 6" main in Magdalla Road ...	A	6" main ... 135 R.ft.	
30	Laying a water main in Jame-Jamshed Road south.	F	6" main ... 340 R.ft. 3" main ... 18 R.ft. S. P. hydrants ... 1 No. House connections ... 2 Nos. 6"×6" connections ... 1 No.	2,547
31	Providing a 6" water main in Rope Walk Street	A	6" main ... 394 R.ft. 3" main ... 15 R.ft. S. P. hydrants. ... 1 No. House connections ... 5 Nos. 6"×6" connections ... 1 No.	3,348
32	Laying mains in Road Nos. 36 and 45 in Dadar Matunga Estate, Scheme No. 5.	F	6" main ... 430 R.ft. 3" main ... 10 R.ft. S. P. hydrants ... 2 Nos. House connection ... 2 Nos. 6"×6" connections ... 1 No.	4,830
33	Enlarging and connecting the dead end of 4" water main in Elphinstone Road Low Level north side.	G	6" main ... 279 R.ft. 3" main ... 12 R.ft. S. P. hydrants ... 2 Nos. House connections ... 20 Nos. 6"×6" connections ... 1 No.	3,466
34	Laying water main at Dhobiwada Mahalaxmi Clerk Road.	G	6" main ... 285 R.ft. 3" main ... 5 R.ft. S. P. hydrants ... 2 Nos. House connections ... 6 Nos. 24"×6" connection ... 1 No.	4,618
35	Providing a 6" water main in New Tank Bunder Road.	E	6" main ... 363 R.ft. 3" main ... 33 R.ft. S. P. hydrants ... 2 Nos. House connections ... 4 Nos. N. P. hydrants ... 1 No. 9"×6" connections ... 1 No.	3,538
36	Providing a 6" water main in Duncan Road Cross Lane.	E	6" main ... 199 R.ft. 3" main ... 5 R.ft. 5" main ... 6 R.ft. S. P. hydrants ... 2 Nos. 6"×6" connections ... 1 No.	2,767
37	Providing a 6" water main in Home Street ...	A	6" main ... 290 R.ft. 3" main ... 36 R.ft. S. P. hydrants ... 2 Nos. 6"×6" connection ... 1 No.	2,967

APPENDIX 26 (Paragraph 74)—*Contd.*

Serial No.	Particulars.	Ward.	Work done.	Expenditure booked during.
				Rs.
38	Enlarging and extending the existing 3" and 4" water mains in Musjid Bunder Road from Jakeria Masjid Street to Narshi Natha Street.	B	Pressure guage box ... 1 No.	693
39	Providing a water main in Cumballa Road ...	D	6" main ... 332 R.ft. 5" main ... 5 R.ft. 3" main ... 4 R.ft. S. P. hydrants ... 1 No. House connections 2 No.s Pressure gauge box ... 1 No. 9"×6" connection 1 No.	3,194
40	Enlaging and extending the 4" water main in Gas works Lane off Parel Road.	F	7" main ... 70 R.ft. 3" main ... 13 R.ft. S. P. hydrants ... 2 Nos. House connections ... 4 Nos.	1,925
41	Enlarging and extending the 3" water main in Tamarind Lane and enlarging the 4" main in Meadows Street.	A	6" main ... 272 R.ft. 3" main ... 30 R.ft. S. P. hydrants ... 2 Nos. House connections ... 17 Nos. 6"×6" connections ... 1 No.	3,217
	9" Diameter.			
42	Providing water mains with hydrants, etc., in the layout of Roads in Scheme No. 57, Sewri Wadala.	F	12" main ... 736 R.ft. N. P. hydrants ... 1 No. House connections. ... 1 No.	9,997
43	Providing an additional 9" main in Bhawanishankar Road.	C	9" main ... 309 R.ft. 3" main ... 30 R.ft. S.P. hydrants removed and refixed. 1 No. House connections ... 9 Nos.	4,294
44	Enlarging the 5" and 3" water mains in Lamington Road enlarging the 3" mains in Topiwalla Lane Tara Temple Lane.	D	9" main ... 305 R.ft. 3" main ... 37 R.ft. S. P. hydrants ... 2 Nos. House connections ... 14 Nos. 9"×6" connections ... 1 No.	15,128
45	Enlarging the 5" mains in Zaoba's Oart ...	C	3" main ... 305 R.ft. S. P. hydrants ... 4 Nos.	1,911
46	Enlarging the 4" main in Narayan Dhuru Street to 9"	B	9" main ... 561 R.ft. 3" main ... 29 R.ft. S. P. hydrants ... 5 Nos. House connections ... 42 Nos. Pressure guage box 1 No. 9"×9" connection ... 2 No. 9"×5" connection ... 1 No.	15,656
47	Providing 9" and 6" distributary mains in Block No. I.	A	3" main ... 56 R. ft. S. P. hydrants ... 3 Nos.	3,200
48	Enlarging the existing 4" main in Cruikshank Road to 9".	A	9" main ... 216 R. ft. 3" main ... 9 R. ft. S. P. hydrants ... 1 No. House connections.	2,980
49	Enlarging the existing 4" main in Abdul Rehman Street.	B	9" main ... 437 R. ft. 3" main ... 25 R. ft. Service connections ... 49 Nos. 18"×3" connection ... 1 No.	5,914
50	Replacing the existing 5" main in Isreal Moholla by 9" main and providing a 5" main in Isreal cross lane.	B	9" main ... 170 R. ft. 3" main ... 9 R. ft. S. P. hydrants ... 3 Nos. House connections. ... 5 Nos. 9"×9" connection ... 1 No.	5,930
51	Improving the water supply in Localities in B Ward. Laying water mains in Sandhurst Road and Musjid Bunder Road. Enlarging 4" main in Pydhone Road to 9" ...	B	9" main ... 1808 R. ft. 3" main ... 60 R. ft. S. P. hydrants ... 5 Nos. House connections ... 25 Nos. Pressure gauge Box ... 1 No. 28"×9" and 18"×9" connections. 2 Nos. 9"×4" connection ... 1 No.	26,945
	Enlarging the existing 5" main in Sandhurst Road south from Ibrahim Rahimutulla Road to Narshi Natha Street.	B	12" main ... 755 R. ft.	18,127
	Providing cross connection between 4" and 12" mains in Old Nagpada Road junction Jackeria Musjid Street.	B	4" main ... 6 R. ft.	516
	Providing cross connections between 5" main in Chuman Kiln Lane and 12" main in Memonwada Road.	B	5" main ... 25 R. ft.	740

APPENDIX 26 (paragraph 74) *Contd.*

Serial No.	Particulars.	Ward.	Work done.	Expenditure booked during.
				Rs.
	Providing cross connections between 5" and 12" mains in Memon Wada Road, junction Chunam Kiln Lane.	B	5" main ... 27 R. ft.	491
	Providing 5 cross connections between 15" main in Jackeria Musjid Street and Chakla Street to the cross connected with the mains in old Nagpada 1st Chinch Bunder Road. Pydhone Road, Musjid Road and 8" main in Chakla Street, junction Janjikar Street.	B	5" main ... 67 R. ft.	3,070
52	Diverting the 9" main in Hornby Vellard Road	D	9" main ...748 R. ft.	1,310
53	Enlarging and extending 6" and 4" mains in Queen's Road and New Queen's Road.	D	9" main ... 1197 R. ft. 6" main ... 25 R. ft. 3" main ... 161 R. ft. S. P. hydrants ... 6 Nos. removed and refixed. 9"×4" connection ... 1 No. 9"×5" connection ... 1 No. 24"×9" connection ... 1 No. 24"×8" connection ... 1 No. House connections. ... 42 Nos.	15,553
54	Providing a 9" main in New Wadi from Zaoba's Oart to connection with the 9" main in Dadyshet Street.	C	9" main ... 44 R. ft. 3" main ... 4 R. ft. S. P. hydrants ... 1 No. 9"×9" connection ... 1 No.	1,219
55	Laying 9" main in North-east footpath of Haines Road.	F	9" main ... 303 R. ft. 3" main ... 5 R. ft. S. P. hydrants ... 1 No. House connections ... 4 Nos. 22"×9" connection ... 2 No.	4,074
56	Enlarging the existing main in Forjett Street ...	D	9" main ... 395 R. ft. 3" main ... 32 R. ft. S. P. hydrants ... 2 Nos. House connections ... 21 Nos. 9"×9" connections ... 1 No.	5,693
57	Laying a 9" water main for housing Scheme at Wadala for the benefits of persons rendered homeless as a result of the explosion of April 1944.	F	10" main ... 1402 R. ft. 9" main ... 15 R. ft. 5" main ... 268 R. ft. 3" main ... 262 R. ft. S. P. hydrants ... 8 Nos. 9"×9" connection ... 1 No.	9,371
58	Enlarging the 5" main in Carmichael Road to 9" and extending it to connect the same with 6" 6" main at Altamount Road.	D	9" main ... 451 R. ft. N. P. hydrants ... 3 Nos.	7,263
	12" Diameter.			
59	Providing a 12" main in Vithalbhai Patel Road from Charni Road to Cowasji Patel Tank Road	D	9" main ... 44 R. ft. 23"×9" connection ... 1 No.	1,058
60	Enlarging the existing 6" main in Girgaum Road to 12" from Thakurdwar Road to Charni Road.	D	12" main ... 396 R. ft. 3" main ... 66 R. ft. S. P. hydrant ... 1 No. House connections ... 7 Nos. 23"×12" connections 2 Nos.	9,325
61	Providing a 12" watermain in Bhuleshwar ...	C	12" main ... 603 R. ft. 3" main ... 17 R. ft. S. P. hydrant ... 1 No. 21"×12" connetion ... 1 No.	13,650
62	Providing a 12" feeder main in Bhau Daji Road	F	12" main ... 495 R. ft. 3" main ... 26 R. ft. S. P. hydrants ... 2 Nos.	9,566
63	Providing a 12" cross connection between 57" east and west Tansa mains and 12" main in Mori Road at Lady Jamshedji Road from Mori Road.	G	*Nil.*	...
64	Enlarging the existing 6" main, in southern footpath of Love Lane to 12" between Parel Road and Mount Road ...	E	12" main ... 288 R. ft. 3" main ... 2 R ft. S. P. hydrants ... 2 Nos. N. P. hyddrants ... 1 No. 12"×6" connection ... 1 No.	4,821
65	Enlarging the 6" water main to 12" main in Suparibaug Road East.	F	12" main ... 422 R. ft. 3" main ... 12 R. ft. S. P. hydrants ... 2 Nos. House connections ... 1 No. 48"×12" connections 1 No.	9,890
	15" Diameter.			
66	Enlarging the existing 6" main in Pochkhanwalla Road (east and west) to 15" and 12".	G	15" main ... 426 R. ft. 9" main ... 10 R. ft. S. P. hydrants ... 2 Nos. House connections ... 8 Nos.	9,834

APPENDIX 26 (Paragraph 74)—*Contd.*

Serial No.	Particulars.	Ward.	Work done.	Expenditure booked during.
				Rs.
	18" Diameter.			
67	Extending 18" main in King Edward Road from Haffkine Institute upto Junction of Sewri Road.	F	18" main ... 317 R. ft. 6" main ... 15 R. ft. S. P. hydrants ... 2 Nos. 16"×6" connection ... 1 No. 3" air valve ... 1 No.	5,590
68	Laying 18" main in 1st Marine Street ...	A	Pressure Gauge Box 1 No.	320
	24" Diameter.			
69	Laying a 24" water main in Worli Road in continuation of 24 main in Haines Road.	G	24" main ... 240 R. ft.	13,281
	36" Diameter.			
70	Providing additional inlets and outlets at Malabar Hill Reservoir.	E	36" main ... 173 R. ft.	9,421
	II.—Other Works.			
71	Conversion gradually of an adequate No. of u/g hydrants out of the existing 4,849 under ground hydrants into stand post hydrants to prevent pollution of the water supply.	A, E, & F	3" main ... 20 R. ft. S. P. hydrants ... 11 Nos.	4,947
72	Providing additional hydrants on 24" Tulsi main from Mori Road to Haines Road.	G	3" main ... 118 R. ft. S. P. hydrants. ... 5 Nos.	2,879
73	Enlarging the existing 3" and 4" mains in Parel Chawl Road.	E	3" main ... 3 R. ft. S. P. hydrants ... 2 Nos. House connections ... 2 Nos.	628
74	Providing hydrants in roads where there are no hydrants or where additional hydrants are necessary.		3" main ... 42 R. ft. S. P. hydrants ... 5 Nos.	2,591
75	Treating further portion of 57" steel mains and Sleater Road from Nana's Chowk to Falkland Road with reinforced Gunite.	D	57" main east and west mains. 482 R. ft.	51,282
76	Providing a 5" main in Laburnum Road ...	D	Pressure gauge Box ... 1 No.	559
77	Enlarging the 4" water main in Shaikh Buran Kamoddin Street.	E	Pressure gauge Box ... 1 No.	341
78	Measures for preventing frequent burst on Trunk mains inside the city.	F & E	12" scour valves fixed. 2 Nos. (1) at Vincent Road opposite Parel convent (2) at Victoria Garden Road junction—Connaught Road (3) 48" sluice valve removal ... 1 No. and replaced it by— 48" pipe ... 12 R. ft.	956
79	Providing cross connections for improving the water supply to E Ward locality.	E	6" main ... 15 R. ft. 9" main ... 19 R. ft. 12" main ... 9 R. ft. 12" cross connections between 36" main and 12" main in Mori Road at Ripon Road junction Morland Road 9" cross connection between 36" main and 9" main in Lamington Road, North of Lamington Junction Bellasis Road. 6" ctross connection beeween 36" main and 6" main in Ripon Road at the junction of Ripon Road and Tank Pakhadi Road.	3,907
80	Guniting the two 57" steel mains in Tulsi Pipe Road from Nardulla Tank Road to Elphinstone Road.	G	57" both east and west. 240 R. ft.	169
81	Reconstructing two portions of trolley track along 48" Vejar main.	Outside City.	Materials received.	2,404
82	Reconstructing Tulsi Pipe Bridge at Bandra ...	Do.	Work of foundation for the abutments started.	

APPENDIX 26 (Paragraph 74)—*Contd.*

Serial No.	Particulars.	Ward.	Work done.	Expenditure booked during.
				Rs.
83	Gunite and cementation work of the dam and the provision of a trolley track along its toe at Tansa.	Outside City.	30,460 square feet of area gunited. Bridge No. 6 completed.	78,037
84	Repairing and extending the trolley tracks in various syphons of the duct line outside city.	Do.	3 Mile long track in syphon No. 8 repaired and 1/2 mile length of trolley track in Powai syphon relaid	4,324
85	Providing concrete blocks under steel mains outside city.	Do.	Blocks provided under 127 Nos. 72" Tansa main.	72,862
			Blocks provided under 52 Nos. 57" Tansa main.	
			Rubberr stone pitching done. 58,000 sq. ft.	
			Gement pointing done 37,000 sq. ft.	
			Excavation ... 3,30,000 c.ft.	
86	Widening and raising the embankment, providing a trolley track and laying new 57" steel mains in Bandra Creek.	Do.	6 M.S. Tapers received. Excavation work for fixing main valves and cross connection at Mahim started.	10,289
87	Construction of a Cattle Pound near the Tansa Lake.	Do.	Site dis-afforested.	
88	Providing 24" cross connections between trunk mains outside City	Do.	Upstream Cross connection at Chembur main. 2 Nos. 36" sluice valves fixed on 48" mains at Sion. Concrete Chamber constructed at Chembur.	7,018
89	Removing embedded portions of mains and relaying existing piers of the Swing Bridge.	Do.	500 R. ft. of 48" pipes brought to site and dry line laid on either side of approaches.	15,691
90	Extending the existing Anchor Blocks at outside city.	Do.	Anchor Blocks at Mulund and Kapurbaodi extended.	4,803
			R.C.C. walling 600 sq. ft.	
			1 : 3 : 6 concrete 4,000 c.ft.	
			Earth filling ... 17,000 c.ft.	
			Rubble packing ... 2,000 c.ft.	
91	Diverting and regrading the existing Tulsi Trolley Track.	Do.	Earth filling ... 800 brass c.ft.	9,634
			Cutting ... 700 brass c.ft.	
			Culverts reconstructed ... 3 Nos.	
			Tracks regraded ... 1,000 R. ft.	
92	Housing accommodation for Emergency Gangs outside city.	Do.	7 unit quarters at Marol and 2 unit quarters at Terali constructed.	19,672
	Works carried out on behalf of other bodies.			
93	Provision of hydrants on the recreation ground on the site of plots Nos. 67 to 71 and 75 to 78 in Scheme No. 29, Nowrojee Hill Estate.	B	3" main ... 90 R. ft. 6"×3" connection ... 1 No.	

APPENDIX 27. (Paragraph 75).

NEW WORKS.

Serial Nos.	Particulars.	Amount booked during the year 1945-46.	Remarks.
		Rs.	
1	Providing Air Valves on the two 72" Tansa mains and 48" Vehar mains.	14,478	4 Nos. of Anti. Vacuum type air valves and 4 saddle pieces have been received during the year.
2	Elevated Tank at Bhandarwada Hill Reservoir—Providing Lightning conductor.	*Nil*	Work completed.
3	Providing two seated water closets arrangement with septic tank at Ghatkopar cross connection.	1,205	Work completed.
4	Providing water closet and urinals at Powai and Kapurbaodi outside city.	4,424	Work completed.
5	Providing indicating boards and under groud Fire Hydrants in the City.	548	Work in progress.
6	Connecting the level crossings in Salsette Division.	2,977	Work at Khar Road and Marol Andheri Road completed.
7	Constructing open top Masonary culverts at Mile 8/2 and 9/2 Jamboli Division.	4,452	The culvert at Mile 9/2 completed.
8	Constructing 3 Unit quarters at Pachapur	4,242	Work in progress.

APPENDIX 28. (Paragraph 76).

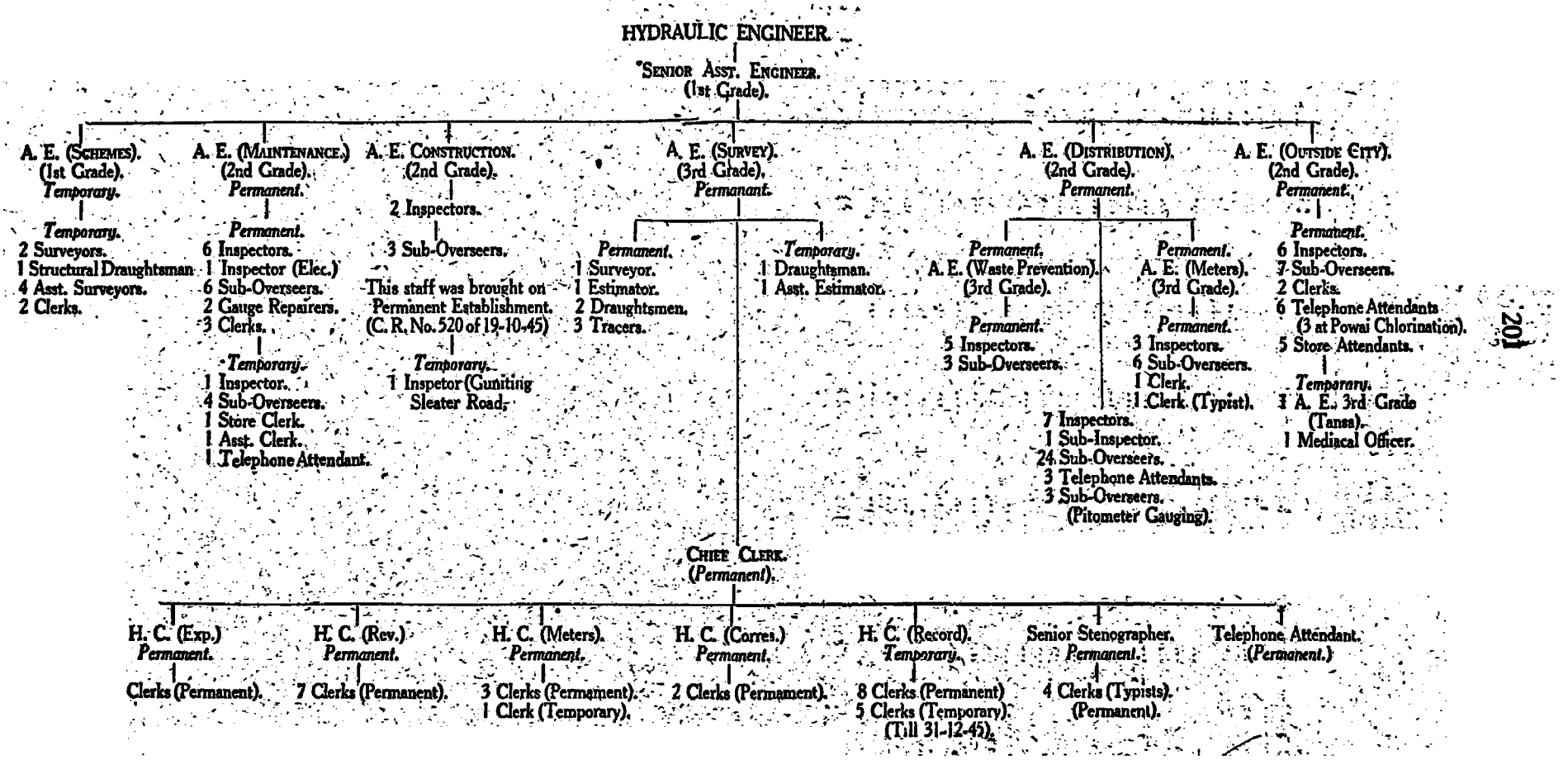
Extraordinary Works.

Carried out by Construction Branch.

	Description.	Budget Head.	Expenditure during the year.	Remarks.
			Rs.	
(1)	Shifting Drinking Fountain at Chinch Bunder Road opposite Sandhurst Road Railway Station.	II.—Water Works; B.—Repairs and Maintenance; II.—Extra-Ordinary.	67	Work completed.
(2)	Providing Kerb-stones at Joseph Baptista Gardens at Bhandarwada Hill Reservoir.	Do. do.	1,361	Work completed.
(3)	Replacing the damaged Cast Iron Drinking Fountain at Apollo Bunder Road.	Do. do.	24	Work completed, except provision of marble slab.
(4)	Diverting the 15" main under B. B. & C. I. Railway Track along Carrol Road.	Do. do.	765	Correspondence with the G. I. P. & B. B. & C. I. Rly. Administration for allowing the work to be carried out in their limits is in progress.

APPENDIX 29 (Paragraph 108).

Staff.



APPENDIX A 30. (Paragraph 111).

CLOTHING.

Designation.	Khaki Uniform (Every year).	White Uniform (every 2 years).	Cumblies.	Water-proof Coats. (Every 4 years.)	Woollen Coats. (Every 4 years.)	Blue size coats once in four years.	Umbrellas (Every 2 years).	Remarks.
Sub-Overseers	42	...	...	15	...	...	...	
Motor and Trolley Drivers, Engine Drivers etc.	13	...	...	5	...	...	...	
Gauge Repairers	2	...	...	...	...	...	...	
Store Clerk	...	...	...	1	...	...	...	
Mechanics	...	...	...	2	...	...	...	
Cleaners	18	...	...	...	10	...	...	
Chaviwallas	16	...	...	...	28	...	...	
Sluicemen	38	...	...	...	61	...	...	
Park-Keepers	7	...	...	...	2	...	...	
Watchmen, and Night-watchmen	20	...	...	...	23	...	...	
Muccadums	9	...	...	...	8	...	...	
Head Malis	3	...	...	...	...	...	3	
Linemen	14	...	...	...	39	...	...	
Ramoshi	1	...	...	...	3	...	...	
Halalkhore	...	...	...	...	1	...	...	
Messengers	1	...	...	...	1	...	...	
Pump-Attendants	...	...	...	...	1	...	...	
Office Peons	...	20	...	...	...	17	2	
Labour Staff	...	...	578	...	...	...	...	
Out-door Peons	...	...	...	...	8	...	...	
Fitter	...	...	...	...	1	...	...	
Black-smith	...	...	...	...	1	...	...	
Plumbers	...	...	...	...	5	...	...	
Porter	...	...	...	...	4	...	...	
Firemen	...	...	...	...	1	...	...	
Total	184	20	578	23	197	17	5	

MUNICIPAL FIRE BRIGADE.

"Subject: *Administration Report for the year 1945-46.*

I have the honour to submit the Annual Report on the working of the Brigade for the year 1945-46.

Calls.—The total calls were 1230 as against 895 in the previous year, out of which 1173 were received for 736 actual fires, 383 were false alarms, 11 in respect of Special Services, and 15 ca ls related to fires outside City limits. In a few cases more than one call was received for one fire. The number of actual fires increased by 156 over the previous year. Of the 383 false alarms, 116 were malicious (112 by fire alarms and 4 by telephone) 24 were given with good int nt and 243 were caused by electrical defects, etc.

Fire Loss.—The estimated total loss was Rs. 38,33,627 showing a decrease of Rs. 13,53,055 over the previous year and Rs. 42, 342 above the average of the last three years. Of the total loss during the year Rs. 24,18,059 represented insured property, whilst the total property at risk was valued at Rs. 18,70,30,058.

Water Supply.—The water supply during the year for the purposes of extinguishing fires was satisfactory and the response of the staff of the Water Department was prompt on all occasions. The approximate quantity of water utilized at fires was 71,94,455 gallons out of which 48,63,007 gallons were drawn from Municipal Mains and the rest from static tanks, sea and wells.

Lives Lost.—12 persons were burnt to death, 40 persons were severely injured and subsequently succumbed to their injuries and 123 persons sustained injusries from which they recovered. First Aid was rendered by the Brigade to injured persons on 194 occasions.

Fire Alarms.—The total number of Fire Alarm posts in the City connected to the different Fire Stations was 223 (including private alarms) and over 59 per cent. of the total calls were received through this system. Three persons were arrested for malicious interference with fire alarms. In the first case the accused was found guilty by the Juvenile Court, Dongri, and was warned and acquitted, in the second case, the accused was found insane and sent to Thana Mental Hospital by the Presidency Magistrate, Girgaum Police Court, and in the third case, the Presidency Magistrate, Mazagaon Court, acquitted the accused as the offence was committeed while under the in fluence of liquor.

Appliances.—Two fire engine and four fire escapes were ordered during the year from the United Kingdom One Chevrolet chassis was purchased and provision has been made for constructing and mounting a body thereon to render it suitable to serve as Emergency Tender.

Fire Stations.—The additional three stations in the docks at the cost of the Bombay Port Trust were open during the year, whereas the Bombay Port Trust Auxiliary Fire Service stations were closed down on 31st March 1946.

The proposal for the construction of a new station at Worli is under consideration.

Auxiliary Fire Service.—This service functioned satisfactorily during the year. The entire staff and the appliances maintained at the cost of the Bombay Port Trust were ordered to be disbanded as from 1st April 1946.

The staff of 279 officers and other ranks as well as 29 trailer pumps and 19 towing vehicles maintained at the cost of Government were ordered to be reduced to 132 officers and other ranks, 15 trailer pumps and 10 towing vehicles as from 1st April 1946.

General.—The total distance covered by Fire Applicances to and from 1230 calls was 16013 miles.

Inspections of hydrants were regularly carried out and all the defects discovered were remedied with the least possible delay.

The Brigade responded to 42 calls for Special Services out of which 31 were with regardto fallen buildings and the rest for services of a special nature, such as rescue work from trees, well and sea, pumping operations, etc.

Inspections of theatres and cinemas as well as such other temporary structures for entertainment and exhibition purposes were made on 425 occasions; 2372 inspe_tions were in respect of dangerous trades and hazardous goods.

A trailer fire pump competition drill was held on 22nd December 1945 and a silver cup was presented to the winning crew (Memonwada Station) and cash prizes of Rs. 40, Rs. 30, and Rs 20 respectively were awarded to the 1st 2nd and 3rd crews from Municipal Funds.

Similar prizes were presented to the winning crew of the Auxilairy Fire Service (Arthur Bunder) and 1st, 2nd and 3rd crews by Government.

The work of the Memorial, of which the foundation stone was laid down lat year at the Fire Brigade Headquarters, Byculla, has been in progress and is expected to be completed before the end of the next year.

Two temporary posts of Station Officers created during the last year were continued during the year and additional two posts each of Motor Drivers and Firemen were sanctioned in the Establishment Schedule for the year 1946-47.

Proposals are being submitted for strengthening the staff and fire applicances of the Municipal Fire Service due to increase in the fire risk and owing to the disbandment of the Auxiliary Fire Service of the Bombay Port Trust and reduction in the Auxiliary Fire Service of the Government from 1st April 1946.

The existing Grain Stores continued to function to the best advantage of the staff and the Government interest free loan of Rs. 3,000 was returned while the Municipal interest-free loan is still being utilized for maintaining the stores.

Ambulance Service.—The service being in great demand and the difficulties experienced in obtaining spare parts, tubes and tyres being severe the service was mainly restricted to the City except under special circumstances outside City limits. The total number of calls were for accidnets 1,586; for maternity 1,704 and for hire 3,786 as against 1,475, 1,636, and 4,227 respectively and 7,314 persons were carried as against 8,243 during the last year. The total distance covered by the ambulances was 47,828 miles and the receipts on acccount of hire cases amounted to Rs. 18,800 as against Rs. 21,871 during the previous year. First Aid was rendered by the ambulance staff to injured persons on 511 occasions.

M. G. PRADHAN,
Acting Officer Commanding, Fire Services.

Budgeted Strength and Equipment of the Brigades

Strength		Equipment.	
No. of post.	Designation.	No. of article.	Discription.
	Brigade Staff—	15	Motor Pumps (all fitted with First-aid appliances) 8 carrying Fire Escapes and 5 Extension Ladders.
1	Officer Commanding, Fire Services.	1	Trailer Pump.
1	Deputy Chief Officer, Fire Brigade.	1	100′ all metal Turntable Ladder with pump.
1	Assistant Officer Commanding, Fire Services.	1	85′ Motor Turntable Ladder.
1	Second Officer.	1	82′ Motor Turntable Ladder.
1	Third Officer.	1	Motor Car.
*12	Station Officers.	2	Motor Lorry and Tender.
1	Motor Mechanic.	4	50′ Fire Escapes.
1	Sub-Officer.	4	60′ Fire Escapes.
4	Fitters.	8	Extension Ladders.
29	Motor Drivers.	12	Hook Ladders.
27	Tindals	7	Hose Reels.
192†	Firemen, etc.	13	Smoke Helmets or Breathing Apparatus.
1	Turncock.	1	Oxy-Acetylene Cutting Plant.
1	Carpenter.	2	Sets or Foam making equipment.
	Office Staff—	1	Motor Canteen Van.
1	Head Clerk.		46,050′ of Rubber Lined Hose.
4	Clerks.		473′ of unlined Hose.
	Ambulance Staff—	6	Motor Ambulances.
6	Motor Drivers.		Chemical Extincteurs and other small appliances.
15	Attendants.		

* Including 2 Temporary Posts. † Including 1 Temporary Post.

Appendix I.

BOMBAY FIRE BRIGADE

Statement showing Distribution of Appliances, etc.

No.	Stations.	Appliances, Etc.																Staff.									Ambulance Service.		
		Motor Pumps.	Trailer Fire Pump.	Motor Turntable Ladders.	Motor Turntable Ladder with Pump.	Motor Car.	Motor Canteen Van.	Motor Lorries & Tenders.	Fire Escapes.	Extension Ladders.	Hook Ladders.	Hose Reels.	Sets of Breathing Apparatus & Gas Masks etc.	Foam making equipment.	Oxy-Acetylene Cutting Plant.	Fire Floats.	Delivery hose in feet.	Principal Officers including Officer Commanding, Fire Services.	Motor Mechanic.	Sub-Officer.	Fitters.	Motor Drivers.	Tindals.	Firemen, etc.	Turncock.	Carpenters.	Ambulance Cars.	Drivers.	Firemen (Attendants).
1	Headquarters	2	1	1	1	1	1	ML 2	1	2	4	1	2	2	1	..	17,833	6	1	1	4	15	12	61	..	1	3	3	9
2	Alexandra Docks	2	...	...	...	...	...	...	1	1	...	...	2	...	...	...	4,440	2	...	...	...	2	3	16	...	...	2	2	4
3	Gowalia Tank	1	...	...	...	...	...	...	...	...	2	...	1	...	...	...	2,350	1	...	...	...	1	1	12	...	...	...	...	...
4	Sewree Cotton Depot	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	3,000	1	...	...	...	...	1	12	...	...	...	...	...
6	Fort	1	...	1	...	...	...	...	...	...	...	...	2	...	...	...	3,150	1	...	...	...	2	2	16	...	...	...	...	...
7	Colaba	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1,750	1	...	...	...	1	1	12	...	...	...	...	...
10	Dadar	2	...	...	...	...	...	...	1	1	4	1	2	...	...	...	4,650	1	...	...	...	2	2	17	1	...	1	1	2
11	Memonwada	3	...	...	...	...	...	...	1	2	...	1	1	...	...	...	6,350	3	...	...	...	3	3	30	...	...	...	...	...
12	Mandvi	2	...	...	...	...	...	...	...	2	2	1	1	...	...	...	3,000	1	...	...	...	2	2	16	...	...	...	...	...
	Total	15	1	2	1	1	1	2	8	8	12	7	13	2	1	...	46,523	17	1	1	4	29	27	192	1	1	6	6	15
	Auxiliary Fire Service (Govt.)	...	29	...	...	1	...	18T	...	12	8	...	...	...	...	...	59,606	29	1	29	9	58	...	151	...	2	...	...	...
	Auxiliary Fire Service (B.P.T.)	...	45	...	6*	1	...	32T	...	12	...	...	30	28	4	4	84,000	101	...	92	...	97	...	433	...	...	...	—	—

Auxiliary Fire Service Stations.

No. 8 Shivaji Park (A.F.S.)
„ 16 Naigaum (A.F.S.) Closed on 1-4-1946.
„ 17 Kalachowki (B.P.T.) do.
„ 18 New Parsi Bazaar (B.P.T.) do.
„ 19 Haines Road (A.F.S and B.P.T.)
„ 20 Arthur Bunder (A.F.S.)
„ 21 Quay Street (B.P.T.) Closed on 1-4-1946
„ 22 B.P.T. Workshops (B.P.T.) do.
„ 23 Carnac Bridge (B.P.T.) do.
„ 24 Love Grove (A.F.S. & B.P.T.)
„ 25 Timber Ponds (B.P.T.) Closed on 1-4 1946
„ 26 Haji Bunder (B.P.T.) do.
„ 27 Prince's Dock (B.P.T.) (Fire Floats). Closed on 1-4-1946
„ 28 'M' Shed Princes's Dock (B.P.T.) do.
„ 29 Victoria Dock (B.P.T.) do.
„ 30 White Gate Alex. Dock (B.P.T.) do.
„ 31 No. 18 Shed Alex. Dock (B.P.T.) do.
„ 32 Hughes Dry Dock (B.P.T.) do.

Appendix II.

BOMBAY FIRE BRIGADE.

Summary of calls to Fires (including fales alarams) shewing the number of times appliances of the Fire Brigade attended and were used for extiugushing fires dnring the year 1945-46.

No.	Stations.	Number of fire alarms attached.		How called.						Appliances attended.						Extinguished by.										
		Fire Brigade.	Private.	By Strangers.	By Exchange Telephone.	By Police or salvage Corps.	By Fire Alarms.	By Private Telephones.	Total.	Motor Pump carrying Escape or Ladder.	Trailer Fire Pump.	Motor Turntable Ladder.	Motor Turntable Ladder with Pumps.	Motor Emergency Tender.	A. F. S. Units.	Buckets.	Sand.	Chemical Extincteurs.	Hand Pumps.	First Aid Appliance.	Hydrants.	Motor Pumps.	Foam Generator.	Automatic Sprinklers actuated.	Smoke helmet or breathing apparatus used.	Multiple Jet Inductor.
1	Headquarters ...	17	4	17	493	4	103	...	617	251	43	...	204	70	843	7	4	1	2	14	13	106	1	...	...	...
2	Alexandra Docks ...	12	1	12	...	...	27	18	57	144	...	...	...	...	225	11	9	2	...	10	2	16	...	...	...	3
3	Gowalia Tank ...	27	7	7	...	5	84	...	96	165	...	...	...	...	8	11	6	...	6	17	9	28	...	...	...	...
4	Sewree Cotton Depot.	9	8	18	...	...	26	...	44	82	...	...	...	...	41	...	1	...	...	4	17	23	...	4	...	...
6	Fort ...	16	6	12	...	...	52	...	64	116	...	94	...	...	14	6	10	...	1	20	3	12	...	...	...	...
7	Colaba ...	8	4	5	...	...	8	...	13	72	...	...	...	...	185	5	...	...	...	3	1	9	...	...	...	...
10	Dadar ...	32	3	11	...	...	94	...	105	186	...	...	...	...	498	3	...	1	1	17	5	37	...	...	...	...
11	Memonwada ...	28	4	23	...	6	176	...	205	412	...	...	...	...	688	62	19	...	5	44	23	112	...	...	1	...
12	Mandvi ...	11	1	5	...	...	48	...	53	163	...	...	...	...	3	7	3	...	...	16	4	44	...	...	...	...
27	Prince's Dock (B.P.T.)	9	...	6	...	...	45	...	51	...	2	...	...	...	235	...	...	...	...	...	1	6	...	...	...	...
29	Victoria Dock (B.P.T.)	16	...	...	...	...	65	...	65	...	2	...	...	...	132	...	...	...	...	...	...	...	...	...	...	...
	Total ...	185	38	116	493	15	728	18	1370	1591	47	94	204	70	2872	2112	52	4	15	145	78	393	1	4	1	3

Appendix III.

BOMBAY FIRE BRIGADE.

Monthly summary of fires and annual losses for the period from 1936-37 to 1945-46.

Year.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total.	Estimated Loss.
														Rs.
1936-1937 ...	18	20	25	21	16	29	95	47	44	43	25	28	411	22,47,645
1937-1938 ...	30	46	27	28	20	20	24	45	23	32	34	17	346	9,98,986
1938-1939 ...	37	34	20	23	17	19	33	42	40	38	33	37	373	8,36,346
1939-1940 ...	29	42	25	20	21	18	20	31	34	28	22	23	313	25,44,167
1940-1941 ...	20	28	16	23	14	17	29	34	27	31	27	26	292	3,51,262
1941-1942 ...	42	31	23	19	21	28	44	44	33	40	43	45	413	49,33,556
1942-1943 ...	44	37	28	21	55	33	53	43	29	41	37	41	462	25,12,167
1943-1944 ...	34	69	27	18	38	18	39	34	53	47	48	48	473	36,75,006
1944-1945 ...	53	51	36	26	29	39	42	56	54	46	55	69	556	51,86,682
1945-1946 ...	52	56	47	30	42	48	57	90	69	73	107	66	737	38,33,627

Appendix IV

BOMBAY FIRE BRIGADE.

Brief details of the most serious fires during the year 1945-46.

Date.	Time.	Place.	Business.	Extinguished by.	Damage by Fire, Heat, Smoke and Water.	Estimated Loss. Rs.
2nd April 1945.	7-15 P.M.	S.S. "E-SANG" lying at No. 4 Shed, Victoria Dock.	Cargo vessel ...	Firemen with 19 motor pumps.	A large number of bales of pressed cotton, bags of grain, gum and miscellaneous articles severely damaged in lower holds of a steam ship of 2031 nett registered tonnage (used as cargo vessel).	2,80,000
30th June 1945.	12-48 A.M.	329, 327 and 325, Frere Road.	Film Distributors ...	Firemen with 10 motor pumps and 2 Turntable ladders.	A large quantity of cinematograph films, projects, furniture, office records, personal effects etc., severely damaged on top floor of a six-floored building about 60'×40' (used as scinema theatre offices, godowns, and dwellings). Roofs walls, wood-work, etc., severely damaged.	2,06,000
29th August 1945.	1-6 P.M.	9, Sprott Road, Ballard Estate.	Film Diartributors ...	Firemen with 7 motor pumps.	Ground floor and windows etc., on 1st and 2nd floors of a three-floored building about 80'×60' (used as offices, godowns and dwellings) severely damaged. About 6 tons of cinematograph films, office funiture and equipment, stationery, records advertising materials furniture, personal effects, etc., severely damaged.	5,12,000
25th September 1945.	3-34 A.M.	Edward Textile Mills, Fergusson Road.	Spinning and Weaving Mill.	Employees with 2 motor pumps and Firemen with 16 motor pumps (390 sprinkling heads actuated.)	A large quantity of cotton thread, bobbins electrical installation and machinery severely damaged on 2nd floor of a three-floored building about 300'×100' (used as spinning and weaving mill). Ceiling and paint-work on walls severely damaged.	1,75,000
8th March 1946.	2-58 P.M.	New Chinch Bunder Road.	Paper merchants.	Firemen with 12 motor pumps.	A large quantity of paper, packing cases, blankets, gunny bags and mattings etc., food grains, linseed oil and oil seeds severely damaged in a ground-floor shed building about 150'×120' (used as godowns). Doors, windows, roof, walls, etc. severely damaged.	1,74,700
16th March 1946.	8-58 A.M.	317-318, Bapty Road ...	Vulcanisers, Goldsmith, dealer in furni ture, celluloid etc.	Firemen with 12 motor pumps.	Doors, windows, ceiling and electrical installations, etc., of tw three-floored buildings severely damaged (used as shops and dwellings). A large quantity of cotton, yarn, carpets, sewing machines, cinematograph films, furniture and personal effects, tyre rubber cuttings, nuts, rivets, bolts, etc., severely damaged.	1,51,000
17th March 1946.	5-18 P.M.	Seksaria Cotton Mills, Tulsi Pipe Road.	Spining and Weaving Mills.	Employees with 2 motor pumps and Firemen with 13 motor pumps.	A large quantity of loose cotton cotton waste, and a number of bales of pressed cotton severely damaged in three G. I. Sheds (used as godowns). Windows, ventilators, C. I. Sheets etc., of sheds severely damaged and fallen down.	3,21,000

Appendix V.

BOMBAY FIRE BRIGADE.

Summary of lives lost at fires during the year 1945-46 including persons who succumbed to the injuries received.

Date.	Time.	Place.	Remarks.
9th April 1945 ...	8-0 P.M.	Kalbadevi Road, Dabholkarwadi.	Bai Kanchanbai Nathalal aged 17 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
16th April 1945 ...	1-39 P.M.	Nikadwari Lane ...	Govind Ramchandra Bangali aged 60 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
3rd June 1945 ...	8-21 P.M.	Bomanji Master Road ...	Revakunver Kumbhani aged 44 years found dead. Body handed over to Police.
6th July 1945 ...	3-37 P.M.	Tadipitha, Fanaswadi ...	Indumati Janardhan Dekerkar aged 17 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
10th August 1945 ...	8-55 A.M.	Warden Road ...	Capt. Glenfield aged 35 years fractured on the jaw and received multiple injuries. 1st air rendered by Brigade and remved to hospital in Military Ambulance (Since dead).
28th August 1945 ...	1-10 A.M.	Sprott Road ...	Subodh Gangooly aged 35 years ... Charred. Mrs. C. M. Keenen aged 35 years ... Charred. Miss V. C. Sarstedt aged 23 years ... Charred. K. R. Raman aged 30 years ... Charred. D. G. Padate aged 28 years ... Charred. Karimkhan Ferozkhan aged 40 years B. D. Mukerji aged 42 years C. N. Swami aged 27 years A. C. Maitra aged 28 years J. B. Sardesai aged 32 years Sitaram Sambhoo aged 22 years Bai Hirabai aged 26 years Baby Nimabhai aged 3 years Baby Shantabai aged 7 years Karimkhan aged 32 years S. K. Pyne aged 35 years. Shanker Vithal aged 28 years. T. S. Gopal Krishnan aged 34 years P. P. Limrajwala aged 32 years Bhikaji Ramchandra Dhepse aged 35 years Severely burned all over bodies. 1st aid rendered by Brigade and removed to Hospitals in Brigade ambulances. (Since dead).
20th September 1945 ...	9-42 A.M.	Babula Tank Road ...	Jerbai Hormosji Varifdar aged 35 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance (Since dead).
21st October 1945 ...	3-50 P.M.	Shankar Pupala Road ...	Godavaribai Narayan aged 20 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
27th October 1945 ...	6-53 A.M.	Vasantwadi, Kalbadevi Road ...	Premji Kanji aged 25 years Amarben Premji aged 16 years Santokbai Govind aged 30 years Govind Premji aged 39 years Severely burned all over bodies. 1st aid rendered by Brigade and removed to hospitals in Brigade ambulances. (Since dead).
9th November 1945 ...	1-41 P.M.	Mahajanwadi, Kolbhat Lane ...	Veermati Vijaysingh aged 22 years severely burned all over body. 1st aid rendered by Brigade and remvoed to hospital in Brigade ambulance. (Since dead).
10th November 1945 ...	5-24 P.M.	C. P. Tank Road ...	Bhagyalata Shantilal aged 17 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
18th November 1945 ...	7-59 A.M.	Old Hanuman Lane ...	Raichand Motichand aged 32 years, severely burned all over body 1st aid rendered by Birgade and removed to hospital in Brigade ambulance. (Since dead).
24th November 1945 ...	7-9 P.M.	Shamsett Street ...	Kamlabai Mohanlal Ramji aged 31 years seveerly burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
9th December 1945 ...	2-33 A.M.	Garibdas Street ...	Hemlatabai Nandlal Tribhuvan aged 22 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
31st January 1946 ...	9-34 P.M.	Mahajanwadi off Kalbadevi Road.	Motibai Mangaldas aged 32 years esoverely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
11th February 1946 ...	10-18 A.M.	112, Kambekar Street ...	Ismail Usman Hassan aged 3 years Bayabai Usman Hassan aged 20 years. Seth Azamkhan aged 20 years Halimabai Ahmed aged 11 years Found dead. Bodies handed over to Police. Hamidabai Mahomed aged 35 years Aishabai Mohamed aged 2 years Alimahomed Mohamed aged 5 years Chand Allarakhya aged 22 years Severely burned all over bodies. 1st aid rendered by Brigade and removed to hospitals in Brigade ambulances. (Since dead).
14th February 1946 ...	4-35 A.M.	Hay Bunder Road ...	Asghar Hussain aged 35 years severely burned all over body. 1st aid rendered by Brigade and removed to hospital in Brigade ambulance. (Since dead).
16th March 1946 ...	8-57 A.M.	Arab Lane, Bapty Road ...	Dead Body unindentified, aged 40 years. Body handed over to Police. Dead Body unindentified, aged 30 years. Body handed over to Police.
			Shaukat Hasan aged 25 years Mohamed Ennos aged 25 years Suttar Khudabux aged 30 years Ramanand Ramlal aged 30 years Severely burned all over bodies. 1st aid rendered by Brigade and removed to hospitals in Brigade ambulances. (Since dead).

MUNICIPAL GARDENS.

Subject: *Administration Report for the year 1945-46.*

The undersigned continued to be in charge of the Garden Department throughout the year except from 16th May 1945 to 14th June 1945 during which period the Assistant Superintendent Mr. J. N. Barowa was put in charge of my duties in addition to his own. Mr. J. N. Barowa continued as Assistant Superintendent throughout the year.

18 Gardens, 4 Fountains, 2 Bandstands, 7 Traffic Islands, 3 Open Spaces, 48 Recreation Grounds, 1 Statue and ornamental Hedges at 3 places were maintained. The Recreation Ground at Gilder Tank was transferred to the Secretary Schools Committee, thus reducing the total number of Recreation Grounds to 47 and the total number of sites in charge of this department to 85.

The number of visitors to the Victoria Gardens during the year under report was 27,47,845 against 26,34,950 in the preceding year, which shows an increase of 1,12,895 over the last year's figures, due to the increasing popularity of music relayed from Gramaphone records and Indian Musical Concerts, giving an an annual average of 24,74,541 for the last five years and an average of 6,779 per day during the year under report.

A Vegetable, Fruit and Flower Show was held again in the Victoria Gardens under the auspices of the Corporation which proved a great success. The Victoria Gardens entered several competitions and secured the following prizes:—

2 cups
4 first prizes
8 second prizes.

The lawn adjoining the central avenue and the office in the Victoria Gardens was further extended and new roads were laid out. An area approximately 10,000 square feet was further cleared for use of Visitors but the planting and maintenance has been held over until adequate labour and supervision can be provided.

Music performances were arranged as follows:—

Place.	Band.	Indian Music.	Total.
Victoria Gardens ...	9	9	18
Chowpatty Bandstand ...	...	...	...
Elphinstone Bandstand ...	5	...	5
Sir Pherozeshah Mehta Gardens ...	2	3	5
King's Circle ...	...	14	14
Parsi Colony, Dadar ...	5	...	5

During the year under report the progress of the zoo section was steady. 159 birds, 70 mammals and 2 reptiles were born; 53 birds, 43 mammals and 4 reptiles were received as presents, 2 birds were purchased and 2 got in exchange. 121 birds, 113 mammals and 1 reptile died, 126 birds, 33 mammals and 2 reptiles were sold, and 3 birds given away in exchange. The old wooden platforms for the public mounting the elephant and camel were replaced by R. C. Structures. The present of a female Zebra by H. H. The Gaikwad of Baroda, a Tiger cub by Shrimant Chitnavis of Nagpur, 2 Arabian Baboons by Lt. Comdr. J. L. Moreland R. N., an Indian Gazelle by Mr. Karmali of Bandra are particularly noteworthy.

The renovation of the old wooden structure of the fernery in the Nursery that was taken in hand during the previous year has been completed during the year under report. Renovation of the rabbit's cage with improved housing system has been taken in hand. Painting the angle iron fencing of Victoria Gardens abutting on Connaught Road, and repairing and oil painting the existing pale fencing at the Nawab Tank Ground has been completed.

The supports at the Marine Drive hedges have been renewed.

Providing C. I. Chambers with frame and cover with locking arrangement to 24 hydrants at Marine Drive and Hornby Vellard has been completed.

Six benches have been provided at the Recreation Ground at Sion and 16 at the Gowalia Tank Maidan.

Repairs to pathways at the Chowpatty Bandstand have been carried out. The roof of the Band stand is expected to be renovated next year.

Barbed wire fencing around gymnasium apparatus at 5 plots at Lady Jehangir Road, Dadar has been provided.

Botanical specimens were supplied as usual to educational institutions and prominent visitors and students from institutions in Bombay, Gujarat, Poona and Baroda were taken round the gardens.

The Mustan Tank, and the Willingdon Memorial Playground under the supervision of the Y.M.C.A and the playground at 2nd Peerkhan Street, under the Nagpada Neighbourhood House continued to be popular. The play activities at Gilder Tank were continued till 30th August 1945 and thereafter transferred to the triangular plot between Reynold's Road, Rebs Ch Street, and Club Back Road, and the Gilder Tank handed over to the Secretary Schools Committee on 1st September 1945 as resolved by the Corporation.

The total expenditure incurred by the Gardens Department during the year under report was 2,12,670-13-0 while income derived by it from the sale of flowers, animals, etc., amounted to Rs. 16,915-13-0 as against an expenditure of Rs. 2,24,376-14-7 and income of Rs. 16,052-13-6 during the preceding year.

D. I. AHMADI,
Superintendent, Municipal Gardens.

VICTORIA & ALBERT MUSEUM.

Subject: *Administration Report for the year 1945-46*

I held the office of Curator, Victoria and Albert Museum, during the year except from 1st October 1945 to 30th November 1945 when I was on leave and from 28th December 1945 to 5th January 1946 and from 24th January 1946 to 29-th January 1946 when I was deputed to Madras and Baroda to attend the Second Annual Meeting of the Museums Association of India and VII All India Library Conference respectively, and when Mr. L. B. Samant, Museum Assistant, acted in my place.

The number of visitors to the Museum during the year under report and the previous year, were as under:—

Year.	Number of days the Museum was open.	Total number of visitors.	Daily average.
1945-46	233	11,63,403	4,993
1944-45	307	16,36,384	5,330

The Museum was closed to the public from 1st November 1945 to 31st January 1946 for urgent repairs. Ladies and children visited the Museum on Wednesdays in a larger number.

The following specimens were puchased for the Museum :—

Sixteen Silver Moghal Coins, thirty-eight frames for plates of embroidery-designs, and three drawings of some old sites near Forbes Street, Bombay (1811 to 1815), by Sir Charles Forbes. A brochure giving the history of the rise and growth of the Museum and the arrangement of exhibits was prepared and printed. Six blocks were got prepared for printing the descriptive brochure of the Museum.

Cleaning and repairs of exhibits were carried out where necessary. Some Senior Officers of the Department of Broadcasting and Information of the Government of India visited the Museum particularly to see the Model Village prepared and exhibited at the Museum, and were much impressed by the design and display thereof.

Nine industrial specimens and ten plates of Indian embroidery designs were lent to the organizers of the Vikrama Exhibition held recently, in Bombay.

Some Research Students, Curators, Librarians and Professors availed themselves of the books in the Reference Library in this Museum for their Researches and students of local Art Academies, evinced keen interest in the Indian Paintings exhibited at the Museum.

Twenty seven books were added to the Museum Library.

The pupils from Primary and Secondary Schools of the City, who visited the Museum during the year numbered 6690 as against 10,544 during the preceding year.

S. C. UPADHYAYA,
Curator.

MUNICIPAL LIBRARIES.

Subject: *Administration Report for the year 1945-46.*

I held the office of the Chief Librarian, Municipal Free Reading Rooms & Libraries Department, during the year except from 1st October 1945 to 30th November 1945, when I was on earned leave and from 28th December 1945 to 5th January 1946 and from 25th January 1946 to 29th January 1946 when I was on deputation to attend the Annual Meeting of Museums Association of India and VII All India Library Conference held respectively at Madras and Baroda and when Mr. B. V. Mahajan acted in my place.

One temporary post of a clerk was created for the work of accessioning, classifying and cataloguing old and new books.

The Books Selection Committee continued to help the Chief Librarian in purchasing new books. Popular and interesting publications in local vernacular and English languages on various subjects, such as General Knowledge, Philosophy, Religion, Science, Useful and Fine Arts, Literature, History, Biography and Geography were purchased as under :—

	1945-46.	1944-45.
Marathi	240	237
Gujarati	51	193
Hindi	191	148
Urdu	75	142
English	111	173
Total ...	668	893

Out of the 668 books purchased during this year, all the books were classified, accessioned and catalogued with the voluntary assistance of three Librarians and the additional clerk. They were then circulated in small batches to the Municipal Libraries. Marathi books (Old stock) in the Municipal Free Reading Rooms and Libraries at Parel (697) and Null Bazar (350) (Part) were accessioned, classified and catalogued by the temorary clerk. Marathi (Old stock) books in Municipal Free Reading Room and Library at Chikhalwadi (1144) and Foras Road (1178) were accessioned, classified and catalogued by the respective Librarians.

Steps were taken to replenish the stock of books in the Reference Library in the Chief Librarian's Office by purchasing books on various aspects of Librarianship for the use of the Librarians.

In addition to the books referred to above 5 American and English magazines, and some leading Indian dailies and periodicals were subscribed.

The subjoined statement gives comparitive statement of the number of person who availed themselves of the Municipal Free Reading Rooms and Libraries and the work done therein.

Name of the Library.	No. of Visitors.	No. of books issued on deposits.	No. of books issued without	No. of new depositors	No. of refunds	No. of Dailies lies.	No. of By-week-lies.	No. of Week-lies	No. of fort-night lies	No. of Month-lies.	No. of quar-terlies	Remarks.
Parel Library ...	58,580	3,276	1,630	78	57	7	1	3	1	6	2	
Gell Street Library ...	71,302	4,639	8,170	93	57	10	2	7	1	13	1	
Foras Road Library ...	18,881	1,771	3,741	65	30	3	1	2	1	10	...	
Kamathipura (S. M. Sobani Library) ...	24,047	639	2,473	39	37	8	...	3	1	2	...	
Chikhalwadi (Dadabhai Nowroji Library ...	24,664	3,902	761	85	69	5	1	2	1	9	2	
Kambekar Street Halai Memon Library) ...	37,590	2,795	820	97	79	7	...	5	1	1	1	
Null Bazar Library ...	12,504	2,409	...	19	10	5	...	3	1	8	1	
Bapu Knote Street (H. I. H. Y. Khatray Library) ...	31,767	4,829	317	166	146	7	1	8	1	8	...	
Navi Wadi (Ladies' Library) ...	12,317	3,037	2,605	57	19	5	1	3	...	10	1	
Sk. Budan Comodin Street (Circulating Library) ...	689	...	689	...	...	...	...	...	...	1	1	
Sk. Budan Comodin Street (Teli Mohalla)	30,812	378	927	31	26	8	1	5	1	1	...	
Mandvi (D. R. Rokde)	9,945	2,625	1,784	54	22	3	1	4	1	8	...	
Gokhale Road (South).	37,003	1,507	1,517	25	26	6	1	5	1	7	...	
Grand Total 1945-46	3,70,101	31,807	25,434	809	578	...	...	...	...	...	...	
Grand Total 1944-45	3,77,677	26,796	28,953	856	410	...	...	...	...	...	...	

S. C. UPADHYAYA.
Chief Librarian.

GENERAL STORES.

"Subject : *Administration Report for the year 1945-46.*

I have the honour to submit the annual report on the working of the Stores Department for the year 1945-46.

2. During the year, tenders were invited for the purchase of stores in 88 cases against 77 in the preceding year. The number of contracts for the various schedule articles entered into during the year was 57 against 56 of the preceding year, the remaining tenders being rejected due to high rates quoted by the tenderers. Materials, the acquisition of which is prohibited except in conformity with licences granted by Government were secured at controlled rates from the controlled stockists or producers or from lease-lend stocks in accordance with licences or permits issued by Government.

3. The value of stores and other materials purchased during the year including articles received from other departments on Return Stores Memos. amounted to Rs. 19.88 lakhs against Rs. 18.21 lakhs in the preceding year. This increase is mainly due to increased demand for materials and higher rates prevailing in the market due to conditions created by the war.

4. Most of the articles purchased during the year under report were of Indian manufacture and the value thereof amounted to Rs. 18.30 lakhs. The value of foreign goods purchased amounted to about Rs. 1.58 lakhs.

5. 3,763 orders for the purchase of stores were placed with the contractors and other dealers against 3,837 in 1944-45 and 3,442 in 1943-44.

6. 20,865 indents and sales-memos were received from the departments against 20,188 in the preceding year.

7. The articles indented, which were not in stock or for which no contracts had been entered into were secured from the market by invitation of quotations, except in a few cases, wherein direct purchases were made from the market, as such a course was found to be more economical and expeditious. The total number of casual or market-rate enquiries or quotations invited was 1,467 against 1,473 in the preceding year.

8. During the year, no dustbins could be sold to house-owners as it was very difficult to obtain them on account of the difficulty of securing galvanized sheets for manufacturing them due to control restrictions.

9. The articles received from contractors and others were carefully examined and compared with the approved samples before acceptance and where the articles supplied differed from the samples they were rejected and got replaced, except in a few cases wherein they had to be accepted at a reasonable rate of discount.

10. C. I. and other scrap received from different departments was sold by public auction. The highest rate realized for C. I. Scrap was Rs. 131 per ton, against Rs. 130 per ton in the preceding year. The total amount realized by sale of scrap and other unserviceable articles by public auction during the year amounted to Rs. 44,335-8-0 as against Rs. 40,290-7-0 in the preceding year.

11. The total turn-over of the department, *viz.*, the receipts and issues of stores during the year came to Rs. 39.33 lakhs against Rs. 36.50 lakhs in the preceding year.

12. The stock of stores on hand was verified departmentally and through the Municipal Stock Verifier. The departmental verification and the verification by the Municipal Stock Verifier showed no appreciable difference during the year.

13. The abnormal conditions created by the war seriously affected the department. The annual tenders for supply of materials according to the various schedules which were invited in the months of November and December 1945 carried rates considerably higher than the market rates. In several cases, the tendered rates were exorbitant. It was, therefore, decided to reject such tenders. Periodic purchases of materials were made from the market from time to time, acccording to departmental requirements, thus effecting appreciable savings.

14. The value of stores in hand at the close of the year was Rs. 10.38 lakhs against Rs. 9.99 lakhs in the preceding year. The increase of Rs. 0.39 lakhs is due to the receipt of C. I. pipes at the close of the year.

15. Apart from the scarcity of materials and the cancellation of schedules due to higher rates, the various control orders of the Provincial and Central Governments prohibiting the acquisition of materials except in conformity with licences or permits issued by Government aggravated the difficulties of the department and increased its work enormously. However, the department has been able to meet these difficulties and play its role as the Chief Supplying Agency to the Municipal Departments.

16. I append herewith statements showing (*a*) the stores transactions during the year as required by Clause XXIX of the Stores Audit Manual (Apperdix 'O') and (*b*) the details of the stock in hand at the close the year.

17. The undersigned continued to hold the office of the Controller of Stores during the year, except for a brief periodof 8 weeks, when he proceeded on leave with effect from 11 the February 1946 and in his place Mr, N. L. Nemlekar, the Assistant Controller of Stores, was appointed to act as Controller of Stores.

A. H. K. SHAIKH,
Controller of Stores.

APPENDIX 'O'

(a) *Statement showing Stores Transactions during the year 1945-46.*

Particulars.	General Stores.	Capital Stores.	Line Suspense Stores.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of Stores on hand on 1st April 1945 ...	6,96,947 0 11	2,15,964 3 3	86,632 7 10	9,99,543 12 0
Value of Stores receipts including transfers during 1954-46.	13,69,219 10 11	6,17,998 13 0	1,763 12 0	19,88,982 3 11
Total ...	20,66,166 11 10	8,33,963 0 3	88,396 3 10	29,88,525 15 11
Less—				
Value of Stores issued including transfers during 1945-46.	13,61,368 10 2	5,78,377 2 0	10,470 13 7	19,50,216 9 9
Balance on 1st April 1946 ...	7,04,798 1 8	2,55,585 14 3	77,925 6 3	10,38,309 6 2

(b) *A statement showing the details of stock held on 31st March 1945 and 1946.*

Particulars.	1945.	1946.
	Rs. a. p.	Rs. a. p.
Capital Account—		
1 C.I. Pipes, tubes, hydrants and cement ...	1,94,560 1 0	2,30,718 9 0
2 Manholes, Circular, sluice valves and other water works castings, etc. ...	9,738 0 0	9,408 9, 0
3 Stoneware pipes and Indian Hume Pipes, etc. ...	12,300 2 0	15,458 12 0
Line Suspense Account—		
4 Water Works castings on the line ...	86,632 7 10	77,925 6 3
General Account—		
5 G.I. Pipes and fittings and brass fittings ...	1,72,360 11 10	1,29,658 9 10
6 Meter spares and meters ...	19,123 12 0	24,924 5 0
7 Cast iron specials, water works castings and Spindles, brass ...	1,33,131 10 11	1,29,282 4 3
8 Bolts and nuts ...	8,832 8 0	5,526 9 0
9 Brooms, Goa ...	414 1 0	86 9 0
10 Cables and wires ...	9,648 2 0	7,678 0 0
11 Electric wires and accessories ...	19,533 14 0	15,182 10 0
12 Files and Rasps ...	799 2 0	907 4 0
13 S. M. Sections ...	30,247 12 0	46,834 4 3
14 Lead pipes and zinc sheets ...	979 2 0	302 5 0
15 S. M. Plates ...	7,731 7 0	4,157 9 0
16 Coir goods and tin articles ...	83 0 0	116 12 0
17 Motor spares ...	20,844 12 0	11,163 15 9
18 Nuts, rivets and nails ...	5,829 8 0	8,771 11 0
19 Oil castor, cocoanut, sweet, kerosene ...	3,832 14 0	1,330 14 0
20 Lubricating oil and grease ...	2,977 9 0	2,633 3 0
21 Timber ...	5,801 2 0	14,044 4 0
22 Drainage castings ...	45,108 6 0	37,045 2 0
23 Disinfectants ...	13,910 13 0	13,059 0 0
24 Clothing ...	24,025 0 0	1,11,145 9 8
25 Hose canvas and rubber ...	19,986 3 0	26,367 13 0
26 Spare parts and stone crusher ...	3,909 4 0	2,997 12 0
27 Lead Pig ...	27 1 0	17 11 0
28 Miscellaneous ...	1,47,175 6 5	1,11,564 1 2
Total ...	9,99,543 12 0	10,38,309 6 2

LICENCES, SHOPS AND ESTABLISHMENTS.

Subject: *Administration Report for the year 1945-46.*

LICENCES SECTION.

I was in charge of the department during the year except for my absence on leave for a period of 13 days from 31st December 1945 to 12th January 1946, when the Assistant Superintendent of Licences, Mr. V. C. Sabnis and the Chief Inspector of Shops and Establishments Section, Mr. S. G. Redkar looked after my work in the respective Sections.

2. Licences under Sections 394 and 412A and permits under Sections 390 and 393 of the Municipal Act:—The total number of licences and permits issued under these Sections during the year was 25,751, and the fees realised therefrom amounted to Rs. 2,62,762. These figures compare with those of the preceding two years, as shown below :—

Particulars.	Number of permits and licences.			Amount of fees recovered.		
	1943-44.	1944-45.	1945-46.	1943-44.	1944-45.	1945-46.
				Rs.	Rs.	Rs.
Commodities and Trades (Section 394) ...	22,410	22,919	23,483	2,39,765	2,45,321	2,52,607
Steam Whistle Blowing (Section 393) ...	39	39	40	392	390	397
Milk Products, Ghee and Butter (Section 412-A).	1,144	1,108	1,013	2,570	2,554	2,384
Factories (Section 390)	151	116	168	3,868	2,933	4,637
Transfers of Licences (Sections 394 and 412-A) ...	1,029	1,048	990	2,363	2,387	2,618
Transfers of Permits (Section 390)	56	33	57	113	70	119
Total ...	24,829	25,263	25,751	2,49,071	2,53,655	2,62,762

3. The licence fees outstanding on 31st March 1946 amounted to Rs. 1,092 in respect of 125 licences as against Rs. 796 in respect of 96 licences on 31st March 1945. Licence fees recovered in excess amounting to Rs. 818 were refunded during the year. The loss of revenue incidental to the disuse or demolition of old licensed places or the diversion of their user not entailing licences amounted to Rs. 9,971 against Rs. 18,259 in the preceding year. No licence was revoked during the year. Miscellaneous receipts amounted to Rs. 801 against Rs. 1,132 in the preceding year.

ADVERTISEMENTS.

4. The total number of permits for advertisements issued during the year under Section 328 and 328A was 2,116 and the receipts therefrom amounted to Rs. 1,40,958. They compare with the preceding two year as under :—

Particulars.	Number of permits issued.			Amount of fees collected.		
	1943-44.	1944-45.	1945-46.	1943-44.	1944-45.	1945-46.
				Rs.	Rs.	Rs.
Wall posters, Hoardings and boards ...	1,181	1,345	1,097	60,669	66,832	67,742
Movable boards on hand-carts, etc. ...	517	488	362	28,841	30,033	29,752
Illuminated Advertisements and Sky-signs ...	47	48	63	1,130	1,482	2,791
Non-Illuminated Sky-signs and Advertisements ...	667	627	515	14,174	21,784	20,468
Non-Illuminated Kiosks	13	12	12	2,755	3,156	3,063
(Number of Kiosks)	(2,204)	(2,525)	(2,450)			
Wall Paintings	43	49	66	1,651	5,372	9,819
Auctioneers	2	2	1	200	200	100
Space Rent	...	...	...	2,818	2,579	3,074
Composition for delayed payments	...	...	...	3,212	3,888	4,149
Total ...	2,470	2,571	2,116	1,15,450	1,35,326	1,40,958

HAWKERS.

5. Licences under Sections 313 and 313A.—The total number of hawker and squatter licences issued during the year was 43,272 and the fees realised therefrom amounted to Rs. 1,65,923. The removal charges recovered under Section 490 amounted to Rs. 36,864. These figures compare with those of the preceding two years, as under :—

Particulars.	Number of licences issued.			Amount of fees collected.		
	1943-44.	1944-45.	1945-46.	1943-44.	1944-45.	1945-46.
				Rs.	Rs.	Rs.
Squatters' fees collected in Reserved Areas (under Section 313)	33,505	36,008	36,835	1,35,613	1,42,292	1,53,425
Fees received from itinerant hawkers' licences (under Section 313-A)	8,158	9,509	6,437	18,410	18,665	12,498
Total ...	41,663	45,517	43,272	1,54,023	1,60,957	1,65,923
Recovery of expenses under Section 490 for removal of encroachments under Section 314 ...	...	...	...	32,473	30,886	36,864
Total ...	41,663	45,517	43,272	1,86,496	1,91,843	2,02,787

6. The number of prosecutions launched during the year under report, and the results thereof, as compared with those of the preceding two years, are as under :—

Year.	Offence against Section.	Total No. of cases instituted.	No. of cases withdrawn on compliance with law.	No. of cases which resulted in conviction.	Amount of fines inflicted.	No .of cases which resulted in acquittal.	No. of cases remaining undisposed of on 31st March 1946.
1943-44 ...	394	1,210	979	202	2,762	2	141
1944-45 ...		1,367	1,060	342	9,011	8	98
1945-46 ...		1,458	1,069	420	10,962	7	60
1943-44 ...	328 & 328A	2,753	2,208	1	5	...	764
1944-45 ...		1,230	1,842	6	350	28	118
1945-46 ...		700	703	30	102	...	80
1943-44 ...	412A	54	55	...	...	...	4
1944-45 ...		57	59	...	...	...	2
1945-46 ...		40	40	1	5	...	1

7. *Criminal prosecutions.*—During the year under report, one of the Lorry Supervisors, his Havildar and a Labourer on the Encroachment Removal Lorry were prosecuted in the Kurla Police Court on charges of theft and abetment of the same under Sections 379 and 114 of the Indian Penal Code. As a compromise in regard to free delivery of the goods seized as encroachments, which were the subject matter of the charges was arrived at, the accused were discharged by the Court.

8. *Civil Suit.*—During the year, a civil suit was filed by one Mr. Gulamali E. Pardawalla against the Municipal Commissioner for cancelling his squatter licence and for seizure of his goods from the Mutton Street Reserved Area. After many hearings the suit was withdrawn and the plaintiff redeemed his goods on payment of the prescribed removal charges.

9. *Revenue.*—The total revenue of the department was Rs. 6,07,310.

10. *Special Annual Cattle Census:*—During the year under report, a Special Annual Census of Cattle in the City of Bombay, as against the quinquennial census of the previous year was undertaken by this department on behalf of Government. The cost of the census *viz.*, Rs. 1,947 was met by Government. The preliminary enumeration was started on 3rd January 1946 and the final count was taken on 31st January 1946. The census returns, after verification, were sent to the Director of Agriculture, Poona, on 13th March 1946.

Shops and Establishments Section.

11. *Complaints.*—Of the complaints received last year, 9 remained to be investigated, and during the year under report, 340 fresh complaints were received relating mostly to the absence of rest interval and weekly holidays. 329 complaints were investigated and action taken where necessary. By the close of the year 20 complaints remained pending.

12. Mass raids were arranged as in previous years, as it was found that such raids helped enforcement of the Act more effectively. The total number of mass raids carried out up to the end of the year was 172-(99 by day and 73 by night).

13. *Visits and re-visits to establishments:*—The number of visits and re-visits paid to establishments up to the close of the year was 42,262 to shops, 6,959 to commercial establishments, 125 to places of amusement and 9,200 to restaurants.

14. *Prosecutions.*—Out of the prosecutions launched in the preceding year, 295 were pending at the close of the year and 3,638 new prosecutions were instituted. Out of these 3,983 cases during the period under report 3,495 were disposed of, 3,447 resulting in conviction, 36 being withdrawn and 12 ending in acquittals. The number of cases pending at the end of the year was 488. The total amount of fines inflicted was Rs. 66,493-8-0, giving an average of Rs. 19-4-8 per case or Rs. 9-0-6 per charge, each case generally involving multiple charges.

15. *Exemption.*—During the year under report, exemption was renewed by Government in the case of 4 chemists' and druggists' shops. The exemption granted to (1) Messrs. Rowland Co., (2) Messrs. Model Chemists, (3) Messrs. Kemp & Co., Ltd., Charni Road, were, however, cancelled, as they had closed their night service and did not require the exemption.

The partial exemption granted last year to Sandalwood merchants dealing in funeral requisites has been continued during the year under report.

The exemption previously granted to the office staff of the Millowners' Association for the duration of the war was cancelled by the Government.

Under Section 4(1)(*i*), refreshment rooms at railway stations are exempt from the provisions of the Shops and Establishments Act. However, Government have, during the course of this year made the Act applicable to the refreshment rooms at the Victoria Terminus Station (G. I. P. Railway) under the management of Messrs. Brandon & Co., Ltd., (Caterers).

Some of the provisions of the Act were, as usual, relaxed during Pateti, Ganesh Chaturthi, Ramzan, and Ramzan Id, Diwali, Mahim Urus, X'mas and Jamshedji Novroz holidays as was done in the previous year.

16. Government sanctioned a grant-in-aid of Rs. 49,993 for the year 1944-45.

17. *General.*—During the year under report, the prosecutions conducted under the Shops and Establishments Act have been transferred for hearing from the 1st October 1945, from the courts of Stipendiary Magistrates to those of the Honorary Presidency Magistrates.

The Act has been in force for over five years, and the bitter opposition noticed during the initial stages of its working is now not much in evidence, whilst the beneficial effects of the provisions of the Act are being experienced by a larger body of employees. This is reflected in the fall in the number of complaints received by the department *viz.*, 340 complaints during the year under report against 370 of last year.

A. P. SALDANHA,
Superintendent of Licences, Shops and Establishments.

MARKETS.

Subject :-Adminitration Report for the year 1945-46.

The total receipts of the Department during the year under report amounted to Rs. 20,62,618-11-0 against Rs.20,12,037-11-10 in the previous year, showing an increase of Rs.50,580-15-2 which was due to increase in the stallage charges and fair fees, received in one time.

2. There were in all 17 Municipal markets. Statement (1) shows the total number of stalls and the average number that remained vacant per quarter in each market, the financial result of each market and the increase and decrease in revenue with the percentage on cost as compared with the previous year.

During the year under report, 7 stalls of the Fergusson Road Market were demolished and the area occupied by them converted into a squatter's site. 4 new stalls were constructed in different Municipal markets, thus the number of stalls in Municipal markets decreased by 3.

There was an increase of Rs. 96,565-3-6 in the receipts from 14 Markets and decrease of Rs. 1,989-6-0 in respect of others with the result that there was an increase of Rs. 94,575-13-6 in stallage charges during the year over the previous year. A sum of Rs. 4,23,104-6-0 was realised as squatters fees and scale shed fees from the Arthur Crawford Market against Rs. 3,43,577-6-6 in the preceding year showing an increase of Rs. 79-526-15-6.

3. The number of private markets during the year was 22 and that of private slaughter houses 2 as in the previous year. The amount realised on account of the licence fees of 15 private markets and one slaughter house was Rs. 49,532-5-0 as against Rs. 2,11,704-2-4 in the previous year. The license fees of Rs. 49,532-5-0 and Rs. 2,11,704-2-4 included Rs. 6,198-0-0 and Rs. 1,87,817 being the deposits of the previous years, in respect of Grant Road Private Market and Byculla Private Vegetable Market. The license fees in respect of six private markets and one slaughter house were kept in deposit and the license fee of one private market was in arrears. A sum of Rs. 525 was also recovered as license fee from firms dealing in imported meat, foreign, fish, etc. License fees amounting to Rs. 1,180 were recovered from butchers having stalls in private markets.

The number of outside meat shops was 187 as in the preceding year. The license fees of the shops amounted to Rs. 9,074-8-0 against Rs. 9,541 in the previous year.

4. All the markets and slaughter houses were regularly inspected and careful supervision was exercised by the Markets and Salughter Houses staff with regard to the cleanliness and sanitary condition of the premises and the wholesomeness of the articles offered for sale there at. Unwholesome articles, such as meat, fish, fruit, vegetables, etc., in different markets and slaughter houses and contra band meat weighing 6,95,561 lbs. in the aggregate were destroyed during the year. The total quantity of meat destroyed in the markets was 20,604 lbs.

5. The quantity of contraband meat seized and destroyed was 25,719½ lbs. against 11,671½ lbs. in the previous year, showing an increase of 14,048 lbs. In all, 449 seizures were effected and prosecutions instituted with the result that 423 persons were convicted and fined.

6. The number of animals brought to the fair ground at Bandra Slaughter Houses and the number of animals rejected as unfit on ante-mortem examination as compared with the previous year is as under :—

Year.	Animals brought to the fair ground.			Animals rejected on ante-mortem examination.		
	Buffaloes.	Cows and bullocks.	Sheep and goats.	Buffaloes.	Cows and bullocks.	Sheep and goats.
1944-45	9,499	82,225	15,15,432	75	1,027	8,963
1945-46	6,461	91,055	14,17,543	36	1,494	8,052

The principal causes of ante-mortem rejection were advanced stage of pregnency or suffering from sheep-pox, foot and mouth diseases, or infections rendering their meat unfit for human consumption.

The chief causes of the post-mortem condemnation were cysticercus, bovis, liver flukes, abscesses, bruises, emaciation, hydaticyst, foot-rot, and parasitic nodular infection of livers and lungs.

7. The slaugfiter and removal fees realised at the Bandra Slaugfiter House together with the slaughter fees realised at the DeLisle Road Sheep Market amounted to Rs. 4,93,560-8-0 against Rs. 5,50,756-5-0 last year, showing at decrease of Rs. 57,195-13-0 due to various restrictions imposed by Government, for the slaughter of horned cattle. The fees received from the Kurla Municipality under the agreement to import buffalo meat into Bombay were Rs. 37,110 against Rs. 61,480 intthe previous year. A sum of Rs. 949-8-0 was also realised for horned cattle, sheep and goats slaughtered in Bombay on festive occasions.

8. The approximate weight of dressed meat of buffaloes, cows and bullocks was 9,200 tons and that of sheep and goats 9,550 tons. The quantity condemned out of the former was 32½ tons and out of the latter 13½ tons which gave the percentage of .35 and .14 respectively.

9. The number of pigs and piglings brought for slaughter at Arthur Road Slaughter House during the year was 18,935 and 273 respectively, out of which 18,749 pigs and 265 piglings were slaughtered and the amount received as import and slaughter fees was Rs. 37,955 against Rs. 44,817-8-0 in the previous year.

Permits to import 104 slaughtered piglings were issued during the year and the fees recovered thereon amounted to Rs. 78.

10. Out of 503.97 tons of pork meat slaughtered, 16.43 tons were rejected and detroyed as unfit for human consumption on account of tuberculosis, pregnancy, debility, cysticercus, celulosae, hypertrophy of kidneys, bruises, abscesses, cysts and injuries. The percentage of pork destroyed of the total quantity was 3,028. The infection of tuberculosis was confined to pigs only.

Note.—The details of animals slaughtered etc., and the fees realised are given in Appendix A of this report.

11. The amount realised for the right of collecting fair fees at Bandra Slaughter House was Rs. 4,10,671-12-0 as against Rs. 2,57,500 in the preceding year showing an increase of Rs. 1,53,171-12-0 as the admission and feeding fees for animals were revised from 1st April 1945 by the Standing Committee under their resolution No. 118, dated the 25th April 1945.

12. The other miscellaneous revenues were as follows :—

Particulars.	1945-46	1944-45.
	Rs. a. p.	Rs. a. p.
(1) Amount recovered from the contractors for the right of removing blood from the Bandra Slaughter House ...	11,250 0 0	11,250 0 0
(2) License fees from stalls and shops, in Municipal and private markets and outside shops, etc. ...	14,028 8 0	*2,36,680 2 4
(3) Minor receipts ...	46,636 0 0	10,759 6 0
(4) Ground rents ...	24,300 6 0	17,674 6 0
(5) Chawl rents ...	4,873 9 0	5,132 9 0
(6) Rent from Peddar Market chawls and other recoveries from peonsthrough pay sheets ...	780 14 0	864 0 0
(7) Cold storage rents ...	73,008 5 0	65,613 8 0
(8) Unclaimed dues and deposits ...	...	...
	1,74,869 10 0	3,47,973 15 4

13. The fines inflicted by Honorary Presidency Magistrate for in fringement of provisions of the Municipal Act and Bye-laws pertaining to the Market Department amounted to Rs. 9,661-0-0 against Rs. 4,946-8-0 in the previous year.

14. The refrigerator plant at the Arthur Crawford Market worked satisfactorily. In all the four chambers of the plant, packages were stored on payment of fees which were recovered departmentally.

B. A. CONTACTOR,
Superintendent of Markets and Slaughter Houses.

* The Amount includes deposits amounting to Rs. 1,87,817 in respect of Byculla private vegetable Markets adjusted during the year

STATEMENT I.

Name of the Market	Total number of stalls.		Average No. of stalls vacant per quarter.		Stall charges 1945-46.	Squatters fees, licence fees etc., 1945-46.	Total gross receipts 1945-46.	Total expenditure 1945-46.	Net receipts 1945-46.	Net receipts 1944-45.	Increase or decrease in 1945-46.	Total cost of Markets upto 31-3-46.	Percentage of Net Receipts on the cost.
	1945-46	1944-45	1945-46	1944-45									
					Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs. a.	Rs.	
Colaba ...	46	44	4	3	12,163-13	6,699-8	18,863-5	8,288	10,575-5	2,964-11	7,610-10	97,756	10.8
Fort ...	170	170	5	6	21,832-12	9,973-0	31,805-12	11,496	20,309-12	19,444-4	865-8	4,30,880	4.7
Arthur Crawford	1,024	1,023	11	14	2,20,359-7	2,83,241-1	5,03,600-8	1,53,406	3,50,194-8	3,08,995-10	41,198-14	17,73,450	19.7
Erskine Road ...	816	816	111	132	91,552-11	20,910-2	1,12,462-13	33,586	78,876-13	67,551-2	11,325-11	5,97,612	11.8
Bhuleshwar ...	201	201	10	13	24,361-12	238-0	24,599-12	9,142	15,457-12	15,381-8	76-4	2,94,217	5.3
Peddar ...	46	46	4	9	4,303-6	12,890-14	17,284-4	9,109	8,175-4	4,595-9	3,579-11	57,863	14.1
Pork ...	3	3	1	...	3,960-0	4-0	3,914-0	448	3,516-0	3,894 0	—378-0	20,880	16.8
DeLisle Rd Sheep	48	48	...	...	7,418-0	1,212-0	8,630-0	6,975	1,655-0	2,076-0	—421-0	25,000	6.6
Fergusson Road...	24	30	1	1	5,484-3	16,701-4	22,185-7	10,690	11,495-7	10,802-11	692-12	21,473	45.1
Parbhadevi ...	9	9	...	...	1,239-4	11,414-14	12,654-2	6,501	6,153-2	6,120-11	32-7	23,819	25.9
Elphinstone Road	39	39	1	1	9,238-13	24,579-8	33,818-5	9,250	24,568-5	19,922-11	4,645-10	31,843	77.1
Kamatipura ...	91	91	9	8	6,020-13	5,774-2	11,794-15	7,674	4,120-15	3,628-3	492-12	55,408	7.4
Masjid Bunder ...	94	94	54	53	1,517-6	2,624-12	4,142-2	5,238	—1,095-14	—3,292-0	+2,196-2	17,346	—6.3
Chowpatty ...	69	69	14	28	2,638-13	1,143-10	3,782-7	7,801	—4,080-9	—2,828-3	—1,190-6	4,67,280	—.85
Dadar ...	10	10	...	...	3,396-0	67,280-2	70,676-2	23,828	46,848-2	42,591-13	4,256-5	1,51,676	30.9
Gold Mohur castle	...	...	...	...	...	48,425-15	48,425-15	21,184	27,241-15	9,558-11-6	17,683-3-6	5,16,603	5.3
New Worli ...	43	43	9	16	10,313-1	10,186-8	20,499-9	7,246	13,253-9	11,344-3	1,909-6	1,79,947	7.3
Total ...	2,733	2,736	234	284	4,25,890-2	5,23,299-4	9,49,189-6	3,31,862	6,17,327-6	522,751-8-6	94,575-13-6	47,67,149	

B. A. CONTRACTOR,
Superintendent of Markets and Slaughter Houses.

APPENDIX "A".

Statement showing the number of animals slaughtered or removed for private slaughter and the amount of slaughter fee, etc., paid thereon during the year 1945-46.

Description of animals.	April 1945.	May 1945.	June 1945.	July 1945.	August 1945.	September 1945.	October 1945.	November 1945.	December 1945.	January 1946.	February 1946.	March 1946.	Total No. of animals.	Total amount of slaughter fee, etc. Rs.	a.	p.
Buffaloes	587	605	521	531	510	514	533	511	534	528	433	530	6,337	95,055	0	0
Buffaloes removed to Bombay	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Buffaloes for private slaughter in Bombay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Cows (Bombay)	1,971	3,015	2,725	2,723	3,070	2,884	2,697	1,987	3,414	2,191	2,376	1,819	30,872	45,451	8	0
,, (Bandra)	599	616	671	688	641	684	626	629	730	720	561	695	7,860	7,860	0	0
Bullocks	37,57	3,718	3,938	4,256	3,532	3,729	3,227	3,967	3,708	4,751	2,902	4,516	46,001	69,001	8	0
Sheep and goats for Bombay ...	66,789	89,466	93,099	97,402	90,068	91,012	79,928	78,584	92,976	91,649	72,592	96,702	10,40,267	1,95,049	14	0
Do. Bandra	2,798	3,981	39,69	3,784	3,533	3,631	3,214	2,984	3,535	3,335	2,662	3,553	40,979	5,122	4	0
Pigs imported at Arthur Road Slaughter House.	1,787	1,796	1,433	2,115	1,696	2,153	1,207	1,134	2,067	1,336	1,217	994	18,935	18,935	0	0
Piglings Do. do. ...	12	10	19	11	18	20	4	18	125	21	6	9	273	204	12	0
Pigs slaughtered at Arthur Road Slaughter House	1,801	1,600	1,621	1,979	1,794	2,112	1,131	1,165	2,039	1,338	1,219	950	18,749	18,749	0	0
Piglings Do. do. ...	12	10	19	11	16	16	4	15	126	23	6	7	265	66	4	0
Slaughtered piglings imported for private consumption in Bombay	2	1	5	3	1	11	8	7	51	3	12	...	104	78	0	0
Live horned cattle removed to Bombay ...	1	15	7	11	9	32	8	66	12	5	6	13	185	925	0	0
Live horned cattle removed for shipping ...	...	...	...	...	...	...	...	...	...	11	...	1	12	4	12	0
Live horned cattle removed for Bandra ...	12	12	25	25	28	65	213	59	37	83	133	89	781	1,563	0	0
Live horned cattle for private slaughter in Bombay	3	...	...	...	...	...	...	8	2	...	1	2	16	72	0	0
Live sheep and goats removed to Bandra ...	2,445	3,999	3,580	3,899	3,118	2,797	3,416	7,254	10,276	17,191	15,600	17,400	90,975	22,743	12	0
Do. do. Bombay ...	886	1,251	1,602	1,797	1,070	1,388	1,832	3,604	1,874	2,504	1,517	2,191	20,516	15,387	0	0
Do. do. for shipping.	423	454	353	200	243	36	80	226	158	142	172	314	2,806	701	8	0
Live sheep and goats for private slaughter in Bombay	7	20	2	15	10	1	3	501	11	602	4	1	1,177	877	8	0
Live sheep and goats removed by DeLisle Road Sheep Market Fadkarees	2,511	3,494	3,455	4,840	2,570	3,377	3,664	4,558	3,544	3,476	3,131	3,906	42,526	31,895	4	0
Live sheep and goats slaughtered in the chamber of DeLisle Road Sheep Market ...	923	1,357	1,217	1,908	791	901	1,063	1,407	1,503	1,523	1,046	1,166	14,805	1,850	10	0
Total ...	87,326	1,15,420	1,18,261	1,26,198	1,12,723	1,15,363	1,02,858	1,08,684	1,26,722	1,30,432	1,05,596	1,34,858	13,84,441	5,31,593	8	0

B. A. CONTRACTOR,
Superintendent of Markets & Slaughter Houses.

MUNICIPAL PRINTING PRESS.

"Subject : *Administration Report for the year 1945-46.*

Mr. T. V. Doraiswamy, B.Com., Test Audit Officer continued to be in charge of the Press throughout the year.

The difficulty of obtaining paper referred to in the previous year was to a certain extent alleviated this year as Government increased the allotment of paper to the Press from 30 Tons to 36 Tons. In addition to the normal work, the printing of Mr. Modak's Note on Greater Bombay, Report of the Housing Pannel and Report of the Special Officer (Grades) consisting in all of about 850 pages were carried out during the year. The printing work of the Department of the Special Officer (Milk) had also considerably increased owing to the introduction of additional forms and registers for the proper maintenance of the Milk-scheme accounts. The printing work of the proceedings of the Schools Committee had also increased by about 30 per cent over the past years' volume.

The statement of paper consumed during the year as compared with the previous two years is given below :—

Description of paper.	1943-44		1944-45		1945-46	
	Rate per lb.	Quantity consumed in Tons.	Rate per lb.	Quantity consumed in Tons.	Rate per lb.	Quantity consumed in Tons.
	Rs. a. p.		Rs. a. p.		Rs. a. p.	
White ...	0 8 0	11½	0 6 4	15¾	0 6 5	20½
Badami ...	0 7 6	8½	0 6 0	20½	0 6 0	12¾
Other kinds ...	0 15 0	10	0 10 0	4½	0 8 9	10
Paper printed on one side received from departments ...		1				
		31		40½		43¼

The existence of the Municipal Printing Press has been a boon during the period of war owing to various controls and restrictions on the use of paper. Local presses in the city have often not responded to our invitations for quotations for carrying out certain items of work such as lithography on the ground that they had too much work on hand. The design of our charts and diagrams were therefore altered and printed in the Municipal Printing Press by making line blocks. As we were getting paper from Government quota at Controlled rates and we had a press of our own, we could tide over the most difficult period without much discomfort. Though with the increase in the volume of work from year to year we could not expand the Press to any great extent, we could manage to get the work through by working extra shifts whenever necessary and by putting the machines to additional strain.

As the works carried out for other departments is charged on the basis of actual cost incurred, our figures do not disclose the advantage we have had in terms of money. If the jobs carried out are valued on the basis of the current market prices the savings effected from year to year would be very considerable.

The Corporation sanctioned a grant of Rs. 800 from the Fines Fund for the continuance of the Literacy Class during the year under report. An amount of Rs. 450 was renewed from the grant under Fines Fund from 1944-45 for the continuance of the Library during the year 1945-46 for the Press workers. The Library continued to be popular among the Press workers.

A Profit and Loss account and a Pro-forma balance sheet as on 31st March 1946 is appended herewith. The transactions for the year closed with a surplus of Rs. 2,646 on the total turnover of Rs. 2,15,215.

The labour staff on 28th February 1946 consisted of 136 workers as against 120 workers on 28th February 1945.

T. V. DORAISWAMY,
Test Audit Officer.

MUNICIPAL PRINTING PRESS.

Working and Profit and Loss Account as at 31st March 1946.

Dr.	Liabilities. Rs. a. p.	Rs. a. p.	Rs. a. p.	Cr.	Assets. Rs. a. p.	Rs. a. p.
Materials—				*Sales*—		
Paper, etc., stock at the beginning ...	21,523 2 8			Amounts chargeable to Departments ...	2,14,501 2 0	
Do. *Add* Purchases ...	32,616 7 9			Amounts recovered from Private Parties.	714 6 0	
Do. outstanding Liabilities ...	14,908 1 0				2,15,215 8 0	
	69,077 11 5			*Deduct* Work in Progress at the beginning of the year	30,516 9 6	
Do. *Deduct* stock at end ...	19,373 15 0	49,703 12 5			1,84,698 14 6	
Ink stock at the beginning ...	74 9 7			*Add* work in Progress at the end of the year	46,694 6 0	
Do. *Add* Purchases ...	619 2 0					2,31,393 4 6
	693 11 7			Sale of Paper Cuttings, ...	...	1,281 1 0
Do. *Deduct* stock at the end ...	329 11 7	364 0 0		Extra ordinary receipts ...	...	607 4 0
Binding Materials stock at the beginning ...	4,203 4 8					
Do. *Add* Purchases ...	9,051 6 0					
	13,254 10 8					
Do. *Deduct* stock at the end...	2,008 7 2	11,246 3 6				
Mono Metal stock at the beginning ...	16,639 0 0					
Do. *Add* Purchases ...	2,471 8 0					
	19,110 8 0					
Do. *Deduct* stock at the end ...	14,975 0 0	4,135 8 0				
Materials Non-consumable and Books and Dead Stock at the beginning ...	8,762 7 6					
Do. do. *Add* Purchases ...	110 7 0					
	8,872 14 6					
Do. do. *Deduct* stock at the end.	7,595 6 6	1,277 8 0				
			66,726 15 11			
Out-work			2,530 1 0			
Wages	91,050 6 0					
Do. out-standing liabilities ...		1,557 5 0				
			92,607 11 0			
Departmental Expenses—						
Rent	6,000 0 0					
Repairs to Machinery, etc. ...	962 11 0					
Do. out-standing liabilities ...	39 13 0					
Lighting	678 2 0					
Gas Charges	284 11 0					
Electric Power	1,533 13 0					
Depreciation and Repayment of Capital ...	5,437 10 0					
Interest on Capital ...	9,866 5 0	24,803 1 0				
General Expenses—						
Staff Salaries	30,682 15 0					
Do. out-standing liabilities ...	219 8 0					
T. A. O.'s Salary. ...	2,016 12 0					
Provident Fund	5,991 10 0					
Delivery Charges	2,478 1 6					
Do. out-standing liabilities ...	5 3 0					
Contingencies	1,107 2 0					
Telephone Charges	205 2 0					
Advertisement	52 15 0					
Printing and Stationery	1,203 2 0					
Do. out-standing liabilities ...	4 15 0	43,967 5 6				
			68,770 6 6			
Net Surplus			2,646 7 1			
			2,33,281 9 6			2,33,281 9 6

MUNICIPAL PRINTING PRESS.

Balance Sheet as at 31st March 1946.

Capital—	Liabilities. Rs. a. p.	Rs. a. p.		Assets. Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) Advance from the Net Premia Fund ...	1,62,716 0 0		Plant and Machinery		1,77,479 10 0	
Less—Amount repaid ...	27,950 14 0		*Less*—Depreciation upto 31-3-1946 ...		38,305 8 0	
	1,34,765 2 0					1,39,174 2 0
(2) Advance from the Surplus Cash Balance ...	4,409 0 0	1,39,174 2 0	Plant and Machinery Depreciation Fund Investments (in respect of Machinery purchased from Surplus Cash Balance), *Vide* Contra ...	...	...	4,148 0 0
			Work in Progress	...	46,694 6 0	
Plant and Machinery Depreciation Fund Account ...		4,148 0 0	Stock of Paper, etc.	...	21,712 1 9	
			Mono Metal—Balance as per last year ...	16,639 0 0		
			Do. Additions during the year ...	2,471 8 0		
				19,110 8 0		
			Less—Written off ...	4,135 8 0	14,975 0 0	
			Materials Non-Consumable—			
			Balance as per last year	5,705 4 0		
			Additions during the year	49 15 0		
				5,755 3 0		
			Less—Written off ...	864 9 0	4,890 10 0	
			Books and Dead Stock—			
			Balance as per last year	3,057 3 6		
			Additions during the year	60 8 0		
				3,117 11 6		
			Less—Written off ...	412 15 0	2,704 12 6	
Out standing Advance on 31-3-1946 ...		1,61,504 2 3	Bills due from Departments	69,886 12 0		
			Do. Private Parties	640 8 0	70,527 4 0	
						1,61,504 2 3
Assets purchased out of Revenue ...		9,526 4 0	Lino Metal	...	4,740 0 0	
			Dead Stock	...	4,786 4 0	
						9,526 4 0
		3,14,352 8 3				3,14,352 8 3

K. E. M. HOSPITAL
AND
SETH G. S. MEDICAL COLLEGE

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Subject :—*Administration Report for the year 1945-46*

1. Dr. R. P. Koppikar, M.S. (Bom.), F.C.P.S. (Bom.), continued to hold charge of the post of the Dean of the K. E. M. Hospital and Seth G. S. Medical College till 26th September 1945. Dr. R. G. Dhayagude, M.D. (Bom.), was appointed as the Dean of these institutions by the Corporation and took charge of the post on 27th September 1945.

2. Dr. V. M. Kaikini, B.A., M.B.B.S. (Bom.), F.R.C.S. (Edin.), F.C.P.S., Honorary Surgeon and Lecturer in Surgery ; Dr. J. L. Desai, M.B.B.S. (Bom.), D.M.R.E. (Cantab), Honorary Radiologist and Lecturer in Radiology and Electro-therapy and Dr. A. C. Rebello, M.B.B.S. (Bom.), D.T.M. & H. (Lond.), Honorary Dermatologist and Venereologist and Lecturer in Dermatology and Venereology, retired from 17th May 1945, 1st July 1945 and and 15th July 1945 respectively. Dr. A. E. DeSa, M.B.B.S. (Bom.), F.R.C.S. (Eng.); Dr. Z. J. Joseph, M.D. (Bom.), D.M.R.E. (Cantab.), and Dr. J. A. Fernandez, L.R.C.P. (Lond.)., M.R.C.S. (Eng.), M.R.C.P. (Edin)., were appointed in their posts, respectively.

3. Dr. R. J. Vakil, M.D. (Lond.), M.R.C.P. (Lond.), was appointed as Honorary Physician and Lecturer in Medicine from 10th January 1946.

4. Dr. J. A. Avasia, L.D.S., R.C.S., (Eng.), was appointed as Honorary Dental Surgeon and Lecturer in Dentistry from 1st January 1946.

5. Dr. J. K. Mehta, M.D., M.R.C.P. (Lond.), was appointed as Honorary Assistant Physician from 22nd May 1945.

6. Dr. E. P. Bharucha, M.D. (Bom.), was appointed as Honorary Assistant Physician from 10th January 1946.

7. Dr. V. P. Mehta, M.D., M.S., F.C.P.S. (Bom.), was appointed as Honorary Assistant Surgeon from 25th June 1945.

8. Dr. S. C. Desai, M.D. (Bom.), was appointed as Honorary Assistants Dermatologist and Venerelogist from 16th July 1945.

9. Dr. B. N. Sircar, M.B.B.S., D.A., R.C.P. & S. (Eng.), was appointed as Junior Honorary Anaesthetist 1st December 1945.

10. Dr. L. H. Athle, M.B.B.S., (Bom.), D.M.R.E. (Eng.), was appointed as Honorary Assistant Radiologist from 1st July 1945.

11. Dr. (Miss) P. C. Daroowalla, M.D. (Bom.), Honorary Gynaecologist, was on leave from 28th September 1944 to 17th May 1945 and from 22nd May 1945 to 9th June 1945.

12. Dr. S.G. Joshi, M.S. (Bom.), Honorary Assistant Aural Surgeon, was on leave from 15th March 1945 to 31st January 1946. Dr. L. H. Hiranandani, M.B.B.S. (Bom.), was appointed as Acting Honorary Assistant Aural Surgeon, from 25th May 1945 to 10th December 1945.

13. Dr. R. J. Vakil, M.D. (Lond)., M.R.C.P. (Lond.), F.R.F.P.S., Honorary Assistant Physician, was on leave from 12th May 1945 to 17th August 1945.

14. Dr. A. K. Talwalkar, F.R.C.S. (Eng.), Honorary Assistat Orthopaedic Surgeon, is on leave from 1st October 1945 to 28th February 1947 and has proceeded to the United Kingdom for further studies in his speciality.

15. Dr. P. Raghavan, M.D. (Bom.), Honorary Physician, is on study leave from 5th January 1946 to 4th January 1947 and has proceeded to the United States of America for further medical studies. Dr. J. C. Patel, M.D. (Bom.), M.R.C.P. (Lond.), was appointed as Acting Honorary Physician in place of Dr. P. Raghavan from 11th January 1946.

16. Dr. S. N. Cooper, D.O. (Bom.), & (Oxon.), D.O.M.S. (Lond.), Honorary Ophthalmic Surgeon was on leave from 29th October 1945 to 28th November 1945.

17. Dr. S. P. Niyogi, M.Sc., M.B. (Cal.), Professor of Physiology, has gone on leave preparatory to retirement from 10th November 1945 to 30th June 1947.

18. Dr. R. G. Dhayagude, M.D. (Bom.), held the post of Vice Dean from 1st June 1945 to 26th September 1945 in addition to his permanent post of Professor of Pathology & Bacteriology at the College.

Advisory Medical Board:—

19. During the year, the Advisory Medical Board held 10 meetings inclusive of one General Meeting of the Honorary and Professorial Staff.

THE HOSPITAL

20. The 510 beds of the Hospital were fully occupied during the year under report. They are distributed as under :—

Department.	Men.	Women.	Children.	Total.
Medical	132	44	12	188
Surgical & Orthopaedic	126	41	16	183
Gynaecological	...	35	...	35
Ophthalmic	20	12	...	32
Aural	12	3	8	23
Skin and Venereal	18	4	2	24
Isolation	6	3	...	9
Tetanus	5	3	2	10
Casualty	6	...	...	6
Total ...	325	145	40	510

21. The total number of in-patients admitted during the year was 16,221 against 16,745 and 14,804 during 1944 and 1943, respectively.

Extension of the Hospital:—

22. The programme of Hospital Extension was saill held up due to oonditions created by war. No additional work was taken up during the year under report.

Number of patients treated in 1945 and the total expenditure incurred during 1945-46.

23. The statistical tables attached to this report record in detail the number, attendance, etc., in all the departments of the Hospital and the number and nature of operations performed during the period under report. So far as the in-patient work was concerned, there were often extra patients over the scheduled number in the Hospital, the maximum number of in-patients on a single day being 609 thus making their nursing and care extremely difficult.

Particulars.	Figures for the year 1945.	Figures for the year 1944.
(*a*) IN-PATIENTS—		
1. Scheduled strength of beds ...	510	510
2. Daily average No. of in-patients ...	556.30	547.3
3. Total No. of new in-patients treated ...	16,221.	16,745.
4. Average No. of days each patient was resident ...	11.51	10.87
(*b*) OUT-PATIENTS—		
1. Total No. of new out-patients ...	1,50,460.	1,46,450.
2. Daily average No. of new out-patients ...	474.42.	414.
3. Total No. of out-patient attendance ...	5,07,773.	4,75,725.
4. Daily average No. of out-patient attendance ...	1,634.53.	1,542.7
5. No. of casualty patients included in No. 1 above ...	27,755.	27,155.
(*c*) OPERATIONS—		
1. Total No. of operations on in-patients ...	6,683.	5,606.
2. Total No. of operations on out-patients ...	11,921.	11,899.

24. Out of the total number of 16,723 in-patients (16,221 admitted during the y ear under report and 502 previous year's balance), 6,532 were cured, 5,415 were discharged relieved, 2,684 either left the Hospital against medical advice or were otherwise discharged and 1,547 died leaving a balance of 545 patients at the end of the year. Out of 1,547 deaths, 522 died within the first 24 hours of admission, 2,55 died after 24 hours but within 3 days of admission and the remaining 770 after 3 days of admission into the Hospital. Besides 2 patients died in the out patients department, making a total of 1549 deaths during the year.

25. It may be mentioned that the highest number of out-patient attendance on any one day during the year 1945 was 2,198, the highest number of new admissions in the out-door department on a single day being 601. Likewise the highest number on a single day of old cases treated was 1,592, of casualty cases 122 and of in-patients admitted 71.

26. During the disturbances which occurred in the City on account of R.I.N. Strike in the last week of February, 1946, 511 casualties of military firing were treated in the Hospital. Of these 289 were admitted as in-patients and 222 were treated and allowed to go home. The number of persons who died was 96. I should like to acknowledge gratefully the humanitarian services rendered in this emergency by the medical, nursing, ministerial staff of the hospital and the students of the College.

27. The total expenditure incurred on the maintenance of the Hospital during the year including liabilities outstanding at the end of the year and exclusive of cost of the extension scheme, approximately amounted to Rs. 12,20,052 including grain compensation allowance of Rs. 1,37,433. This expenditure includes the cost of maintenance and treatment of in-patients, the cost of the out-patient department, of the resident medical, nursing and labour staff as well as that of the administration and of the maintenance and repairs of buildings, etc.

28. The following table illustrates the relative cost per in-patient and out-patient per day during 1945-46, 1944-45 and 1943-44 respectively:—

Particulars.	1945-46.	1944-45.	1943-44.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(*a*) Average cost per in-patient per day	4 12 8	4 3 4	3 15 10
(*b*) Average cost per in-patient admission	58 2 10	50 14 11	46 11 10
(*c*) Average cost per out-patient attendance	0 7 7	0 7 11	0 7 2
(*d*) Average cost per out-patient admission	1 9 6	1 9 6	1 8 5

29. The details of the cost per in-patient per day, for 1945-46, 1944-45 and 1943-44 will be seen from the following table :—

Year.	Diets.	Drugs, dressings, etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and Engineering.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1945-46 ...	0 15 10	0 11 3	0 3 9	0 2 5	0 4 9	2 2 0	0 4 8	4 12 8
1944-45 ...	0 14 11	0 10 9	0 2 8	0 2 3	0 1 10	1 15 7	0 3 4	4 3 4
1943-44 ...	0 13 10	0 10 2	0 2 6	0 2 5	0 1 4	1 14 10	0 2 9	3 15 10

30. The following table gives the average cost of every new out-patient admission completely treated during the year in comparison with that for the previous two years :—

Year.	Drugs, dressings, etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and Engineering	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1945-46	0 8 1	0 0 11	0 0 4	0 0 8	0 15 0	0 0 6	1 9 6
1944-45	0 8 11	0 0 11	0 0 4	0 0 6	0 14 6	0 0 4	1 9 6
1943-44	0 8 4	0 1 1	0 0 4	0 0 5	0 13 11	0 0 4	1 8 5

It may be stated that the actual cost incurred on patients (in-patients as well as out-patients) under drugs, surgical appliances, etc., is exclusive of the cost of the expensive drugs, injections, blood transfusions etc., met out of the Poor Box Charity Fund amounting to Rs. 38,648-3-3 during the year as was done in previous years. A reference in this connection is invited to paragraph No. 42, below and to Appendix No. 20.

31. The services of the Chemist of the Hospital were partly utilized in preparing certain injectables required for the patients. It has resulted in a saving in the budget provision for the purchase of medicines.

Motor and Mill accident cases.

32. The following table indicates the number of motor and mill accident cases treated during the year in comparison with that of the previous years :—

——	Motor Accidents.				Mill Accidents.			
	Treated in the casualty department.		Admitted.		Treated in the casualty department.		Admitted.	
	1945.	1944.	1945.	1944.	1945.	1944	1945.	1944.
Male ...	266	378	128	105	3,628	4,263	115	168
Female ...	33	51	19	19	85	121	...	4
Children {Male	31	40	14	9	...	...	...	...
Children {Female	14	22	8	8	...	...	...	...
Total ...	344	491	169	141	3,713	4,384	115	172

33. 10,517 certificates were issued during the year as shown below:—

Certificates under Workmen's Compensation Act.	5,713
Medical opinion	972
Police	133
Railway injuries	41
Municipal employees	180
Ordinary certificates	3,478
Total	10,517

34. 103 cases were treated in the Hospital for poisoning and 69 for animal bites during the year with the results as shown below :—

Nature of poisons.	Cured.	Relieved.	Otherwise.	Died.	Total.
Metals and their salts ...	2	2	...	...	4
Non-metals and their compounds ...	10	2	...	1	13
Organic poisons ...	52	22	10	7	91
Food poisoning ...	54	5	...	1	60
Poisonous gases and vapours ...	11	2	...	...	13
Unknown poisons ...	9	2	...	1	12
Total ...	138	35	10	10	193
Animal bites ...	47	8	11	3	69

Nursing Staff.

35. The arrangement of sending two nurses to the Arthur Road Hospital for attendance on fever cases every two months was continued during the year.

36. During the year 59 nurses were trained out of whom 51 have passed the nursing examination held by the Bombay Nurses, Midwives and Health Visitors' Council.

37. During the year under report, two members of the Nursing Staff *viz.*, one Sister and one student nurse were deputed to attend the Annual Conference of the Trained Nurses' Association of India, held at Delhi in November 1945.

38. The cost of the nursing establishment works out at Rs. 109-3-2 per nurse, per mensem, against Rs. 104-13-7 in the preceding year. It includes not only the cost of salaries, uniform and dhobi allowances and honoraria paid to the medical staff giving instruction in the nursing school, but also their mess charges, the cost of electric energy consumed and repairs to their quarters, household linen, and crockery. The *pro-rata* rent for quarters provided to the menial staff employed in the Nurses' Home and the Municipal Provident Fund contributions are not included in the above figures.

Nurses Welfare Fund.

39. The Nurses' Welfare Fund inaugurated for promoting the welfare of the nursing staff of this Hospital continued to be of material help to them. Thanks are due to the ladies helping in the maintenance of this Fund and for the keen interest they have taken in the welfare of the nursing staff during the year and to all those firms and individuals who have contributed towards the Fund either in cash or in kind.

40. Thanks are also due to the Proprietors of the 'Nawakal' for the supply of a copy of their daily newspaper at a reduced rate of subscription.

SCHOOL CLINIC.

41. The treatment of school children attending the Municipal primary schools was continued during the year. 1,219 new children were treated in the different departments of the Hospital in addition to a large number of children who began their treatment in the previous year. The total number of children treated in the year was 6,538 as against 8,799 treated in the previous year. 25 children were operated upon in the Aural section and 3 in the Ophthalmic section. 1 Fracture was corrected and plastered. 2 Minor operations, 1 for phimosis and the other for pin-point urethra were performed in the Out-patient Minor Surgery Department. Refraction was done on 78 children and glasses were prescribed to 61 children including one to whom a pair of dark glasses was given. Artificial eye was ordered for one child. 6 Children were admitted in the wards and were treated for various disorders. 17 Children suffering from cervical adenitis were treated with ultra violet rays along with cod liver oil and other drugs. Children were screened and x'ray plates were taken whenever necessary. Laboratory investigation was done for a large number of children. 2 Cases of dog bite and 4 cases of nasal diphtheria were referred to the Haffkine Institute and the Infectious Diseases Hospital respectively for treatment.

The total cost of the Clinic at the Hospital amounted to Rs. 10,028-5-0.

A detailed report of the clinic has been submitted to the Executive Health Officer

Poor Box Charity Fund.

42. The Poor Box Charity Fund from which relief is rendered to poor patients by providing them with spectacles, crutches, artificial limbs, travelling expenses, etc., has received steady support from the public as well as from the patients of this Hospital, as will be seen from Appendix No. 20. Besides relief in the shape of blood transfusion, costly drugs, medicines, injections, travelling expenses etc., the following appliances, were provided to 82 patients at a cost of Rs. 939-0-0 as shown below :—

Particulars.	Nos.	Particulars.	Nos.
Spectacles ...	51 Pairs	Valgus rubber pads ...	1 Pair
Elastoplasts ...	14 Nos.	Surgical boots ...	1 ,,
Dentures ...	4 ,,	Crutches, adjustable ...	1 ,,
Hernia trusses ...	3 ,,	Taylor's brace ...	1 No.
Abdominal belts, supports, etc.	3 ,,	Jacket for T.B. Cervical spine ...	1 ,,
Artificial legs ...	3 ,,	Thomas's leather collar ...	1 ,,
Elastic crepe bandages ...	2 ,,	Jones spinal frame incorporated in plaster.	1 ,,

43. It may be added that it was possible to provide blood transfusion to 276 cases during the year under report with the blood of paid donors to whom payment was made from this Fund.

44. The following donations were received and acknowledged with thanks during the year :—

Serial No.	Name.	Amount. Rs. a. p.	Serial No.	Name.	Amount. Rs. a. p.
1	Messrs. Jeewanlal (1929) Ltd., ...	1,155 0 0	39	Messrs. Digvijay Spg. & Wvg. Co., Ltd. ...	100 0 0
2	Mr. Shantilal Mathuradas ...	1,001 0 0	40	Messrs. Modern Mills, Ltd. ...	100 0 0
3	Messrs. Burmah Shell Oil Storage & Distributing Co. of India, Ltd.	600 0 0	41	Messrs. Standard Vacuum Oil Co., Ltd. ...	100 0 0
			42	Messrs. Imperial Chemical Industries ...	100 0 0
4	Messrs. Bombay Dyeing and Manufacturing Co., Ltd.	501 0 0	43	Messrs. Tata Sons, Ltd. ...	100 0 0
			44	Messrs. H. J. Foster & Co. ...	100 0 0
5	Messrs. Woolverhampton Works Co., Ltd.	500 0 0	45	Messrs. The Century Spg. & Mfg. Co., Ltd.	100 0 0
6	Messrs. Hindustan Vanaspati Manufacturing Co., Ltd.	500 0 0	46	Messrs. Firestone Tyres & Rubber Co. (India), Ltd.	100 0 0
7	The Millowners Association, Bombay. ...	400 0 0	47	Messrs. Caltex (India), Ltd. ...	100 0 0
8	Messrs. Bombay Electric Supply & Tramway Co., Ltd.	300 0 0	48	Mr. K. J. Mehta ...	100 0 0
			49	Madam Anna Glass ...	100 0 0
9	Messrs. Killick Nixon & Co. ...	300 0 0	50	Mrs. D. K. Gupta ...	100 0 0
10	Messrs. India United Mills ...	250 0 0	51	Mr. S. L. Silam ...	100 0 0
11	Mr. C. F. Borges. ...	250 0 0	52	Messrs. Swadeshi Mills, Co., Ltd. ...	100 0 0
12	The Secretary, Sassoon Welfare Fund ...	250 0 0	53	Mr. Purshottam Thakkar ...	100 0 0
13	Messrs. Shapurji Broacha Mills, Ltd. ...	250 0 0	54	Mr. R. H. Bajaj ...	100 0 0
14	Messrs. Madhowji Dharamsey Mills Co., Ltd.	250 0 0	55	Mr. Haji Abdul Wahad ...	65 0 0
15	"Anonymous" ...	215 0 0	56	Mr. C. Gomes. ...	60 0 0
16	Mr. Roshnalli Mahomed ...	200 0 0	57	Mr. Kishore Shau ...	60 0 0
17	Mr. Bapalal J. Mehta ...	200 0 0	58	Dr. S. R. Sabnis. ...	51 0 0
18	Messrs. Tata Oil Mills, Ltd. ...	200 0 0	59	Mr. Manraj Nagai. ...	51 0 0
19	The Treasurer, American Women's Club ...	200 0 0	60	Messrs. Morarji Goculdas Spg. & Wvg. Co., Ltd.	51 0 0
20	Messrs. Western India Spg. & Mfg. Co., Ltd.	200 0 0			
21	Messrs. Hindustan Spg. & Wvg. Co., Ltd.	200 0 0	61	Mr. Daultaram Prabhubhai ...	51 0 0
22	Messrs. Indian Mfg. Company ...	200 0 0	62	Mr. Mahomedbhai I. M. Rowji ...	51 0 0
23	"Anonymous" ...	200 0 0	63	Mr. Haridas Kanji ...	51 0 0
24	Dr. Mrs. J. M. Mahimtura ...	185 5 3	64	Mrs. Kevaliben Kanjibhai. ...	50 0 0
25	The Managing Trustees, Sheth Bhaidas Sakidas Charity Trust.	180 0 0	65	Messrs. Indian Oxygen & Acetylene Co., Ltd.	50 0 0
			66	Mr. Prem Kaur Dilbarsing ...	50 0 0
26	Dr. R. G. Dhayagude ...	175 0 0	67	Mr. R. V. Nadkarni ...	50 0 0
27	Messrs. Structural Engineering Works, Ltd.	150 0 0	68	Mrs. R. J. Sethna ...	50 0 0
28	Messrs. United Motors (India), Ltd. ...	150 0 0	69	Mr. So Sun ...	50 0 0
29	The Goanese, Crew S. S. "Strathmore" ...	150 0 0	70	Mr. B. K. Bana ...	50 0 0
30	Mr. Haji Abdulla Haji Razak ...	125 0 0	71	Mrs. Julia Moraes ...	50 0 0
31	Mr. R. G. Parab ...	101 0 0	72	Mr. Douglas Whyte ...	50 0 0
32	Messrs. Zandu Pharmaceutical Works Co., Ltd.	101 0 0	73	Mr. Ahmed A. Fazalbhoy ...	50 0 0
			74	Messrs. Godrej & Boyce Mfg. Co., Ltd. ...	50 0 0
33	Mr. M. D. Sahani ...	101 0 0	75	Messrs. Comtoir National D'escompte de Parsis	50 0 0
34	Mr. Boman Behram ...	100 0 0			
35	Mrs. Zabakbai K. Mehta ...	100 0 0	76	Messrs. Gannon Dunkerley & Co. ...	50 0 0
36	Messrs. Mysore Chemical & Soap Works ...	100 0 0	77	Messrs. General Motors (India), Ltd. ...	50 0 0
37	Messrs. Daulatram Dyeing & Bleaching Mills.	100 0 0	78	Mssrs, Martin & Harris, Ltd. ...	50 0 0
38	Dr. R. J. Mehta ...	100 0 0	79	The Goanese Crew S. S. "Ranchi" ...	50 0 0

Other minor donations of less than Rs. 50/- are not shown above.

The Co-operative Credit Society, Ltd.

The Co-operative Credit Society of the labour staff of the Hospital and the College worked satisfactorily and continued to be in 'A' class in the classification of the Registrar of Co-operative Societies. The total number of members on the roll at the end of March 1946 was 401 against 372 on the corresponding date of the previous year. 41 new members joined the Society and 12 left it during the period owing to the death and termination of service.

The share capital of the Society increased from Rs. 27,207-13-0 to Rs. 38,589-3-0. The amount of loans granted was Rs. 40,505-0-0 and refunded was Rs. 35,053-0-0. The average amount of loan granted was Rs. 177.

The Society held its last Annual General Meeting on the 19th October 1945 and declared dividend of 5 per cent. for the year ending 30th June, 1945. The net profit during the year ending 30th June, 1945, amounted to Rs. 2,425-12-0. The Reserve Fund of the Society on 31st March 1946, stands at Rs. 3,230-15-6 and the total of other funds at Rs. 1,323-6-6.

The accounts of the Society have been checked by the Government Auditor up to 31st December, 1945.

The College.

During the year under report, 86 fresh admissions were made in June, 1945. An educational survey of these students shows that their average age at the time of their admission was 19 it being 16.6 when they matriculated. The corresponding ages in the previous year were 19.6 and 17.0 years, respectively. 85 of these students were single, and 1 Married. A statistical study of the occupations of the parents or guardians of the newly admitted students shows that 26 were dependent on service, 16 on business, 12 on medical profession, 4 on legal profession, 6 on pensions, 3 on landed property and 19 on miscellaneous occupations.

The number of undergraduate students on the College roll at the close of the year was 519, which included 123 lady students, and that of post-graduate and research students was 69 as shown below :—

Class.	Male students.	Female students.
1st M.B., B.S. 1st year ...	63	22
do. 2nd year ...	78	36
2nd M.B., B.S. 3rd year ...	60	28
3rd M.B., B.S. 4th year ...	64	12
do. 5th year ...	131	25
Total number of students ...	396	123
Post-graduates including research students ...	56	13
Grand total ...	452	136

Thanks are due to the authorities of the Bai Jerbai Wadia Hospital for Children for the continuation of the facilities given to the students of this College for clinical instruction in the diseases of children at that Hospital during the year under report.

In accordance with the scheme of medical examition inaugurated by the University of Bombay, out of 476 students examined 273 students (57.3 per cent.) were placed under class 'A,' 200 (42 per cent) in class 'B' and 3 (0.7 per cent) in class 'C'; the percentages of students classified as belonging to 'A', 'B' and 'C' classes during the year 1944-45 being 64., 35.8 and 0.2 respectively. Those whose condition required treatment, were referred to the Honorary Staff of the K. E. M. Hospital.

The results of the various examinations for which students were sent up by the College are summarised below :—

Examinations.		Candidates sent up.	No. passing the whole examination.
1st M.B.B.S.	April 1945 ...	109	60
	Oct. 1945 ...	52	33
2nd M.B.B.S.	April 1945 ...	56	49
	Oct. 1945 ...	34	28
3rd M.B.B.S.	April 1945 ...	75	26
	Oct. 1945 ...	73	23
M.D. (Medicine)	April 1945 ...	8	2
	Oct. 1945 ...	8	3
M.D. (Pathology)	April 1945 ...	2	1
	Oct. 1945 ...	2	1
M.D. (Midwifery)	April 1945 ...	6	1
	Oct. 1945 ...	7	...
M.S.	April 1945 ...	10	1
	Oct. 1945 ...	16	...
D.O.	June 1945 ...	1	1
	Oct. 1945 ...	...	...
D.V.D.	Oct. 1945 ...	1	1
D.O.M.S.	June 1945 ...	3	2
	Oct. 1945 ...	6	...
F.C.P.S.	April 1945 ...	12	5
M.S.C.	Oct. 1945 ...	1	1

Special classes for D.O., D.O.M.S. and M.S. were held during the year as in previous years.

The College has been recognised for the D.L.O. and D.V.D. diplomas of the University of Bombay since 1945. One student appeared for the D.V.D. examination in October 1945 and was successful. Ours is the only medical college recognised by the University for these diploma courses so far.

Steps are being taken to get the College recognised for the D.A. diploma of the University. With this object in view one post of Junior Honorary Anaesthetist was created and Dr. B. N. Sircar, M.B.B.S., D.A., R.C.P.S. (Eng.), was appointed to the post since December 1945.

The following donations have been received during the year :—

(*i*) A donation of Rs. 1,700 from Dr. R. V. Phansalkar for instituting a prize to be called "Vasant Phansalkar Memorial Prize" in memory of his deceased son Vasant.

(*ii*) A donation of Rs. 1,000 from Mr. K. K. Dani of Calcutta for instituting a prize to be called "Dr. K. W. Dani Memorial Prize".

(*iii*) A donation of Rs. 500 from Seth Pranlal Devkaran Nanjee to the College Gymkhana for instituting a trophy or a cup as may be decided by M.C. at his discretion.

(*iv*) A donation of Rs. 900 from Dr. J. L. Desai, the Honorary Consulting Radiologist, for granting a scholarship at the discretion of the Dean.

(*v*) An offer from the Trustees of the late Dr. A. P. Bacha's estate to donate to our College his library with books and cupboards of the value of about Rupees one lakh after the necessary legal formalities are over. They have already sent as a gift to the Pathology Museum of our College the surgical specimens collected by the late Dr. Bacha.

In December 1945, a farewell function was held in honour of Dr. J. L. Desai, Honorary Radiologist, Dr. A. C. Rebello, Honorary Venereologist and Dermatologist, Dr. V. M. Kaikini, Honorary Surgeon and Professor S. P. Niyogi, Professor of Physiology, who recently retired from the staff of these institutions due to superannuation.

The work of the construction of a cold room in the college building for preserving dead bodies required for Anatomy dissections was completed.

Annual Cost and Revenue.

The total expenditure of the college, including the expenditure on the hostels, came to Rs. 2,60,832 during the year as against Rs. 2,62,375 during the year 1944-45. In addition to the above expenditure the amount spent on payment of dearness allowance came to Rs. 25,330. The revenue of the college in the form of tuition fees, hostel rent and miscellaneous receipts amounted to Rs. 1,41,840 as aginst Rs. 1,35,433 during the year 1944-45. The gross cost per student for the year under report was Rs. 502.6 while the net cost worked out at Rs. 259.3 as compared with the corresponding figures of Rs. 534.4 and Rs. 258.5 respectively, for the year 1944-45. The amount of fees received from the post-graduate students was Rs. 7,710.

Library and Museum.

During the year under report 205 books were added to the library as against 210 in the preceding year. Out of these one was presented to the Library by Dr. R. G. Dhayagude, M.D., the Dean, 1 by Dr. R. J. Vakil, M.D., M.R.C.P., D.T.M. & H., Honorary Physician, 3 old books by Mr. B. H. Dadyburjor and 3 volumes by Dr. A. K. Boman Behram, M.B.B.S., Demonstrator in Physiology, 17 books were sent by the U. S. information Service, Bombay and 1 by the American Consul, Bombay; 3 books were received as complimentary copies from their publishers. Our grateful thanks are due to them all.

The total number of books and perodicals issued for reading in the library to the staff and students was 19,927 as against 19,548 in the preceding year. 3,399 books and periodicals were issued outside the library to post-graduate students, Resident Medical Officers of the K. E. M. Hospiatl, the Teaching staff of the College and Hospital and to the Tata Memorial Hospital and Haffkine Institute of Bombay. To meet the convenience Students facilities for reading books in the libary were extended by keeping the library hall open from 8 A.M. to 10 P.M. and providing some selected books for their use.

25 New Wet and Dry specimens were added to the Anatomy Museum during the year and 35 old specimens were renewed. No substancial addition could be made in the number of specimens in the Anatomy Museum due to the inadequate supply of dead bodies and the jars of the required sizes to the Anatomy department. The total number of wet and dry specimens in the Anatomy and Comparative Anatomy sections now comes to over 1675. Students from different schools from the City and Bombay Suburban District were allowed to visit the Anatomy Museum from an educational point of view.

Due to the difficulty in proceuring museum jars only 63 new specimens could be mounted during the year bringing the total number of specimens in the Pathology Museum to 1489. 8 New diapositives were added during the year.

In the Artist Department 712 photographs of patients specimens etc., were taken during the year.

Students Hostels.

The number of students residing in the hostel for male students during the year under report was the same as in the preceding year *viz.*, 146.

The number of women students resident in the women students' hostel during the year under report was also the same as in the previous year *viz.*, 28. Accommodation was provided to 16 more lady students in the vacant rooms in the New Nurses' Home. Both the hostels were thus fully occupied and some of the applications for rooms had to be rejected for want of vacancies. An urgent need for the extension of both the hostels is now keenly felt.

The total expenditure incurred on the hostels was 15,140 while the income derived in the form of rent was Rs. 18,576.

Gymkhana.

Although in existence for over 20 years, our College was without a playground. The Naigaum Tank area which was assigned by the Corporation for the purpose was in a neglected condition and was unused. It was got properly levelled and a pitch with turf for playing cricket has been specially made near its centre. In order to make it popular among the students the Annual Athletic Sports for this year were held on this playground under the Presidentship of Seth Pranlal Devakaran Nanjee. The function was a great success

and the students were very enthusiastic in organising their sports on their own home grounds. They will not be able to make as much use of this ground as they should unless a pavilion is built over it for which active efforts are being made.

The Gymkhana took part as usual in Inter-collegiate tournaments during the year. The Hockey team won Mrs. Sushila Vijayakr's Runners-up Cup and the University of Bombay Ladies' Doubles Challenge Cup in tennis was awarded to Miss M. S. Dalvi and Miss N. H. Gopaldas; Mr. S. B. Salvi came out in flying colours in the Inter Collegiate Sports of the University and represented the Bombay Presidency in the Inter Group Sports held at Poona.

Research.

The different departments of the College and the Hospital had, in addition to their normal teaching and departmental work, the following investigations in hand during the year under report:—

(1) Use of bacteriophage in typhoid fever.

(This enquiry is being carried out with the help of a grant from the Seth G. S. Medical College and K. E. M. Hospital Reserach Fund).

The work started in the previous year has been continued. About 131 patients from the City Fever Hospital were investigated, and, of these only 34 were found to be suitable for the purpose of the enquiry. The observations so far made on these patients suggest that the use of Bacteriolphage in Typhaid Fever, if given early in the course of the disease, shortens the course of the illness, reduces the incidence of complications and lowers the mortality rate. Our thanks are due to the Medical Superintendent, the City Fever Hospital, for his co-operation in the work.

(2) Variation in the Virulence of M. Tuberculosis.

(This enquiry is being conducted under the auspices of the Indian Reserarch Fund Association).

The work of this enquiry which began in 1940 was completed during the year.

(3) Enquiry on "Anaerobic Wound Infections".

(This enquiry is being conducted under the auspices of the Indian Reserach Fund Association).

It was continued for the fourth successive year. Six strains of Cl. Welchii, isolated from various sources were studied for their capacity to produce toxins. Filtrates obtained from their cultures in special media, were tested for lethal action on the mice, lecithinase activity, haemolytic activity and hyaluronidase production. Methods are being evolved and standardised for the quantitative determinations of these various components of the Cl. Welchii toxin.

(4) Bacteriological and Biochemical study of the Aroma producing Miscro-organisms in Butter, Curds and other Milk Products.

(This investigation was being carried out with the help of a grant from the Seth G. S. Medical College and K. E. M. Hospital Reserarch Fund. The results of this work are embodied in a thesis presented for Ph.D. of the Bombay University by Miss R. Karnad, the Research Assistant).

(5) Researches on Vitamin D.

(This enquiry is being carried out under the auspices of the Indian Reserarch Fund Association).

Laboratory diagnosis of rickets.

An experiment was designed to give information on the feasibility of using the soluble products of $CaHPO_4$, and $CaH(PO_4)_2$ either or both, for an early diagnosis of rickets. Rickets were induced in young puppies and the course of the disease was closely followed by (*a*) Calcium, inorganic phosphorous and protein determinations in serum, (*b*) estimation of serum phosphatase and (*c*) X-Ray pictures of the distal ends of radius and ulna of the animals at frequent intervals.

(6) Studies on Phosphatase activity in serum in normal and rachitic animals.

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

An investigation has been commenced to provide experimental proof by simultaneous quantitative studies of serum and bone phosphatases in induced rickets supported by histological localization of phosphatase in bone. In addition to these, investigations on the respiration of normal and rachitic epiphyseal cartilage cells is being conitnued.

(7) Fat Metabolism.

(This research is being carried out under the auspices of the Indian Research Fund Association).

(*a*) The Growth promoting properties of groundnut (Arachis Hypogea) oil, and its partially hydrogenated product "Vanaspati" were compared with that of butter fat using Albino rats as the experimental animals. Vanaspati did not shown any superiority over the refined groundnut oil.

(*b*) Metabolic experiments were carried on rates at 25 per cent. fat level with various facts on six adult rats. It was found that the residual faecal lipiods were slightly larger with vegetable oils than in the case of butter fat.

The rates of absorption of butter, ghee, groundnut oil, vanaspati, seasame oil and coconut oil were studied by the chylomicron count technique in human subjects. It was found that butter, ghee and cocoanut oil were rapidly absorbed, whereas groundnut oil and its partially hydrogenated produt and seasame oil were absorbed at a slower rate.

(8) The Nutritive value of milk and curds prepared from it.

(This research is being carried out under the auspices of the Indian Research Fund Association).

An investigation has been undertaken for studying the changes which might result in the nutritive value of milk subsequent to its conversion to curds by fermentation.

(9) Vitamin contents of vegetables.

(This research is being carried out under the auspices of the Indian Research Fund Association).

Ten varieties of the locally consumed leafy vegetables have been analysed for their carotene, nicotinic acid, ascorbic acid, thiamin and riboflavin content.

(10) Nutritive value of pure-bred strains of rice.

(This research is being carried out under the auspices of the Indian Research Fund Association).

The investigation of about 36 samples received from various rice breeding stations in Bombay Province has been commenced to see their vitamin contents.

(11) Effects of dietetic difficiency of vitamin C and calcium on the Cell Islets of Langerhans.

(This reaserach is being carried out under the auspices of the Indian Research Fund Association).

(12) Epidemiological survey of E. histolytica Infection in the Population of Bombay.

(This enquiry is conducted with the help of a grant from the Seth G. S. Medical College and the K. E. M. Hospital Research Fund).

Two groups of the population were studied.—(1) Normal individuals with no symptoms ; (2) Individuals with abdominal symptoms. Of the 90 persons belonging to the first group 38 were found infested with E. histolytica and of the 243 of the second group 112 were positive. The enquiry will be continued during the ensuing year with the award of a grant from the Indian Research Fund Association.

(13) Biology of the Dermatophytes.

About 77 cases of Fungus Infection have been examined so far, and 23 cultures collected for typing and further study.

Publications.

Articles on medical subjects were published by the members of the Honorary, Professorial and other staff during the year as mentioned below :—

Serial No.	Name of the Article.	Contributed by	Name of the Journal publishing it.
1	Benign Eosinophilia with Pulmonary Shadows	Dr. N. D. Patel	Indian Physician May 1945.
2	Auricular Wave	Dr. R. J. Vakil (Dr. E. P. Bharucha Joint Author).	Indian Physician, January and February 1946.
3	Toxic Reaction to massive Vitamin B Therapy	Dr. R. J. Vakil	Indian Physician, March 1946.
4	Pneumococcal Meningitis	Dr. P. Raghavan	Indian Physician, June 1945.
5	Amoebiasis in Children	Dr. P. Raghavan	Indian Physician, August 1945.
6	Incidence of Amoebic carriers in Bombay	Dr. J. C. Patel	Indian Physician November 1945
7	Incidence of Chronic Amoebiasis in Bombay and non-dysenteric amoebic abdominal syndromes.	Do.	Do.
8	Studies in Anaemias	Dr. J. C. Patel, (Dr. Y M. Bhende, Joint Author).	Indian Physician February 1945
9	Meningitis	Dr. J. K. Mehta	Indian Physician July 1945.
10	Uremia	Do.	Indian PhysicianDecember1945
11	Acute Paranitraniline Poisoning	Dr. M. D. Motashaw	Indian Physician June 1945.
12	Bronchogenic carcinoma	Do.	Indian Physician August and September 1945.
13	Disorders of the Gallbladder.	Dr. V. M. Kaikini	Indian Physicna June 1945.
14	Carcinoma of the Larynx	Dr. H. D. Gandhi	Indian Physician January 1946.
15	A note on Lobectomy.	Dr. M. M. Pandya	India Physician October 1945.
16	Primary Peritonitis in Children	Dr. A. E. Desa	Indian Physician October 1945.
17	Spinal Tumours	Dr. R. G. Ginde (Dr. J. C. Patel, Joint author).	Indian Physician, December1945
18	Diagnosis of Spinal Tumours	Dr. R. G. Ginde	Medical Bulletin, December 1945.
19	Treatment of Thromoboangitis Obliterans	Dr. C. S. Worah	Medical Bulletin, October 1945.
20	Menstruation and its irregularites—A statistical study.	Dr. B. N. Purandare	Indian Physician, April 1945.
21	Vaginal Hysterectomy (with a review of 203 cases).	Do.	Paper presetned at the 4th All India Obstetric and Gynaecological Congress, 1945.
22	Microfilarial Granuloma of the Spleen : Observations in Twelve additional cases.	Prof. R. G. Dhayagude	Archives of Pathology October 1945.
23	Review of Pharmacological Researches in India during 1944.	Prof. A. S. Paranjpe	Annual Revien of Biochemical and allied Research in India, Vol. XV.
24	Calcareous Pancreatitis	Dr. S. N. Kothare	Indian Physician November 1945

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APPENDIX No. 1.

THE COLLEGE AND HOSPITAL SENIOR STAFF.

Dean.

R. P. KOPPIKAR, ESQ., M.S. (Bom.), F.C.P.S. (Bom.), (Upto 26th September 1945).
R. G. DHAYAGUDE, ESQ., M.D. (Bom.), (From 27th September 1945).

Assistant Dean.

V. V. JADHAV, ESQ., M.B., B.S. (Bom.).

Assistant Medical Officers.

S. V. JOGLEKAR, ESQ., M.B.,B.S. (Bom.), F.C.P.S. (Bom.).
G. S. AMBARDEKAR, ESQ., M.B.,B.S. (Bom.), (On leave from 1st February 1946).
M. V. BANSOD, ESQ., M.B.,B.S. (Bom), (From 1st February 1946).

Professor of Anatomy.

R. P. KOPPIKAR, ESQ., M.S. (Bom.), F.C.P.S. (Bom).

Assistant Professor of Anatomy.

G. M. KURULKAR, ESQ., M.B.,B.S. (Bom).

Professor of Physiology.

S. P. NIYOGI, ESQ., M.SC., M.B. (Cal.), (On leave preparatory to retirement from 10th November 1945).

Assistant Professor of Bio-Chemistry.

V. N. PATWARDHAN, ESQ., M.SC., (Bom.), PH.D. (Lond.), A.I.I.SC.

Assistant Professor of Physiology.

A. FERNANDEZ, ESQ., M.B.,B.S. (Bom.).

Professor of Pharmacology and Materia Medica.

A. S. PARANJPE, ESQ., M.D. (Heidl.), D.T.M. (Lond.), M.B., Ch.B. (Edin.)

Professor of Pathology and Bacteriology.

R. G. DHAYAGUDE, ESQ., M.D., (Bom.).

Assistant Professors of Pathology and Pacteriology.

Y. M. BHENDE, ESQ., M.D. (Bom.).
L. MONTERIO, ESQ., M.D. (Bom.).

Honorary Physicians and Lecturers in Medicines.

N. D. PATEL, ESQ., (Lond.), M.R.C.P. (Lond.).
N. K. SAHIAR, ESQ., M.D. (Lond.), M.R.C.P. (Lond.).
ABDUL HAMEED, ESQ., M.D. (Bom.).
MANGALDAS J. SHAH, M.B.,B.S. (Bom.), M.R.C.P. (Lond.), D.T.M.&H. (Lond.).
P. RAGHAVAN, ESQ., M.D. (Bom.), (On leave from 5th January 1946).
R. J. VAKIL, ESQ., M.D., (Lond.), M.R.C.P. (Lond.), F.R.F.P.S. (From 10th January 1946).

Honorary Assistant Physicians and Lecturers in Medicine.

R. J. VAKIL, ESQ., M.D. (Lond.), M.R.C.P. (Lond.), F.R.F.P.S. (Upto 9th January 1946).
J. C. PATEL, ESQ., (Bom.), M.R.C.P. (Lond.). (Acting as Honorary Physician from 11th January 1946).
E. R. DEMELLO, ESQ., M.D. (Bom.)
J. K. MEHTA, M.D. (Bom.), M.R.C.P. (Lond). (From 22nd May 1945).
E. P. BHARUCHA, M.D. (Bom.), (From 10th January 1946).

Honorary Surgeons and Lecturers in Surgery.

R. N. COOPER, ESQ., M.S. (Lond.), F.R.C.S. (Eng.), F.C.P.S. (Bom.)
V. M. KAIKINI, ESQ., B.A., M.B.,B.S. (Bom.), F.R.C.S. (Edin,) F.C.P.S. (Bom.) (Upto 16th May 1945).
A. V. BALIGA, ESQ., F.R.C.S. (Eng.)
K. G. MUNSIF, ESQ., M.B.,B.S. (Bom.), F.R.C.S. (Eng.).
G. M. PHADKE, ESQ., M.B.,B.S. (Lond.), F.R.C.S. (Eng.).
M. M. PANDYA, ESQ., M.B.,B.S. (Bom.), F.R.C.S. (Eng.).
A. E. DESA, ESQ., M.B.,B.S. (Bom.), F.R.C.S. (Eng.). (From 17th May 1945).

Honorary Assistant Surgeons and Lecturers in Surgery.

A. E. DESA, ESQ., M.B.,B.S. (Bom.), F.R.C.S. (Eng.). (Upto 16th May 1945).
S. H. CHITNIS, ESQ., M.S. (Bom.).
R. G. GINDE, ESQ., M.S. (Bom.).,
P. K. SEN, ESQ., M.S. (Bom.).
R. H. KARMARKAR, ESQ., F.R.C.S. (Eng.).
C. S. WORAH, ESQ., M.S. (Bom.).
V. P. MEHTA, ESQ., M.D., M.S., F.C.P.S. (Bom). (From 25th June 1945).

Honorary Orthopaedic Surgeon.

R. J. KATRAK, ESQ., B.A., B.Sc. (Bom.), F.R.C.S. (Eng.), M.Ch. Orthopaedics (Liverpool).

Honorary Assistant Orthopaedic Surgeon)

A. K. TALWALKAR, ESQ., M.B.,B.S. (Bom.), F.R.C.S. (Eng.). (On leave from 1st October 1945).

Honorary Aural Surgeon and Lecturer in Ear, Nose and Throat.

HOMI D. GANDHI, ESQ., M.B.B.S. (Bom.), F.R.C.S. (Eng.).

Honorary Assistant Aural Surgeon.

S. G. JOSHI, ESQ., M.S. (Bom).

Honorary Gynaecologists and Lecturers in Gynaecology and Obstetrics.

MISS P. C. DAROOWALLA, M.D. (Bom).
K. M. MASANI, ESQ., M.D. (Lond.), F.R.C.S. (Eng.).

Honorary Assistant Gynsaecologist.

B. N. PURANDARE, ESQ., M.D. (Bom.), F.R.C.S. (Edin.)

Honorary Ophthalmic Surgeon and Lecturer in Ophthalmology.

S. N. COOPER, ESQ., M.B.B.S., D.O. (Bom.), D.O. (Oxon.), D.O.M.S. (Lond.).

Honorary Assistant Pphthalmic Surgeon.

C. B. DHURANDHAR, ESQ., D.O. (Bom.).

Honorary Radiologist and Lecturer in Radiology and Electro-Therapy.

J. L. DESAI, ESQ., M.B.,B.S. (Bom.), D.M.R.E. (Cantab.). (Upto 30th June 1945).
Z. J. JOSEPH, ESQ., M.D. (Bom.), D.M.R.E. (Cantab.). (From 1st July 1945).

Honorary Assistant Radiologist.

Z. J. JOSEPH, ESQ., M.D. (Bom.), D.M.R.E. (Cantab.). (Upto 30th June 1945).
L. H. ATHLE, ESQ., M.B.,B.S. (Bom.), D.M.R.E. (Eng.), (From 1st July 1945).

Honorary Anaesthetist and Lecturer in Anaesthesia.

MOKSHA MADAN DESAI, ESQ., M.B.,B.S ,D.A. (Eng.).

Junior Honorary Anaesthetist.

B. N. SIRCAR, ESQ., M.B.,B.S., D.A., R.C.P.&S., (Eng.). (From 1st Deccember 1945).

Honorary Dental Surgeon and Lecturers in Dentistry.

D. M. DESAI, ESQ., L.D.S., R.C.S. (Eng.).
J. A. AVASIA, ESQ., L.D.S., R.C.S., (Eng.), (From 1st Janaury 1946).

Honorary Assistant Dental Surgeon.

J. A. AVASIA, ESQ., L.D.S., R.C.S. (Eng.), (Upto 31st December 1945).

Honorary Dermatologist and Venereologist and Lecturer in Dermatology and Venereology.

A. C. REBELLO, ESQ., M.B.,B.S. (Bom.), D.T.M.& H. (Lond.), (Upto 15th July 1945).
J. A. FERNANDEZ, ESQ., L.R.C.P. (Lond.), M.R.C.S. (Eng.), M.R.C.P. (Edin.). (From 16th July 1945).

Honorary Assistant Dermatologist and Venereologist.

J. A. FERNANDEZ, ESQ., L.R.C.P. (Lond), M.R.C.S. (Eng), M.R.C.P. (Edin), (Upto 15th July 1945).
S. C. DESAI, ESQ., M.D. (Bom.), (From 16th July 1945).

Honorary Lecturer in Medical Jurisprudence and Toxicology.

V. V. JADHAV, ESQ., M.B.B.S. (Bom.).

Honorary Lecturer in Hygiene and Preventive Medicine.

B. C. DAS GUPTA, ESQ., B.Sc., (Hon.), (Cal.), M.B., (Cal.), M.R.C.P. (Ireland), D.T.M.& H., (Lond), D.P.H. (Lond.).

Honorary Lecturer in Psychiatry.

K. A. J. LALKAKA, ESQ., M.B.,B.S. (Bom.).

APPENDIX No. 2

Summary of in patienets treated at the K.E.M. Hospital during the year 1945 classified according to departments and sex with results.

Department.	Sex.	In Hospital on midnight of 31-12-1944.	Admitted during the year.	Total.	Discharged during the year.	Died during the year.	In Hospital on midnight of 31-12-1945.
Medical ...	Male ...	122	4,326	4,448	3,689	602	157
	Female ...	41	1,182	1,223	933	243	47
	Children—						
	Male ...	9	329	338	256	74	8
	Female ...	4	239	243	161	75	7
Surgical ...	Male ...	109	3,634	3,743	3,325	304	114
	Female ...	32	757	807	669	100	38
	Children—						
	Male ...	3	226	229	198	23	8
	Female ...	3	110	113	91	18	4
Ophthalmic ...	Male ...	16	581	597	579	...	18
	Female ...	11	280	291	281	...	10
	Children—						
	Male ...	1	11	12	11	...	1
	Female ...	...	14	14	14	...	...
Gynaecological ...	Female ...	22	651	673	633	18	22
	Children—						
	Female ...	...	1	1	1	...	...
Aural ...	Male ...	9	920	929	915	6	8
	Female ...	9	537	546	536	7	3
	Children—						
	Male ...	1	250	251	242	7	2
	Female ...	2	213	215	210	3	2
Orthopaedic	Male ...	61	1,004	1,065	972	39	54
	Female ...	14	179	193	166	12	15
	Children—						
	Male ...	8	104	112	104	5	3
	Female ...	5	58	63	56	3	4
Skin & Venereal...	Male ...	14	490	504	480	7	17
	Female ...	3	75	78	75	1	2
	Children—						
	Male ...	1	17	18	17	...	1
	Female ...	2	15	17	17	...	...
Dental ...	Male ...	...	...	...	...	...	...
	Female ...	...	...	...	...	...	...
	Children—						
	Male ...	...	...	...	...	...	...
	Female ...	...	...	...	...	...	...
Total ...	Male ...	331	10,955	11,286	9,960	958	368
	Female ...	132	3,679	3,811	3,293	381	137
	Children—						
	Male ...	23	937	960	828	109	23
	Female ...	16	650	666	550	99	17
Grand Total ...		502	16,221	16,723	14,631	1,547	545

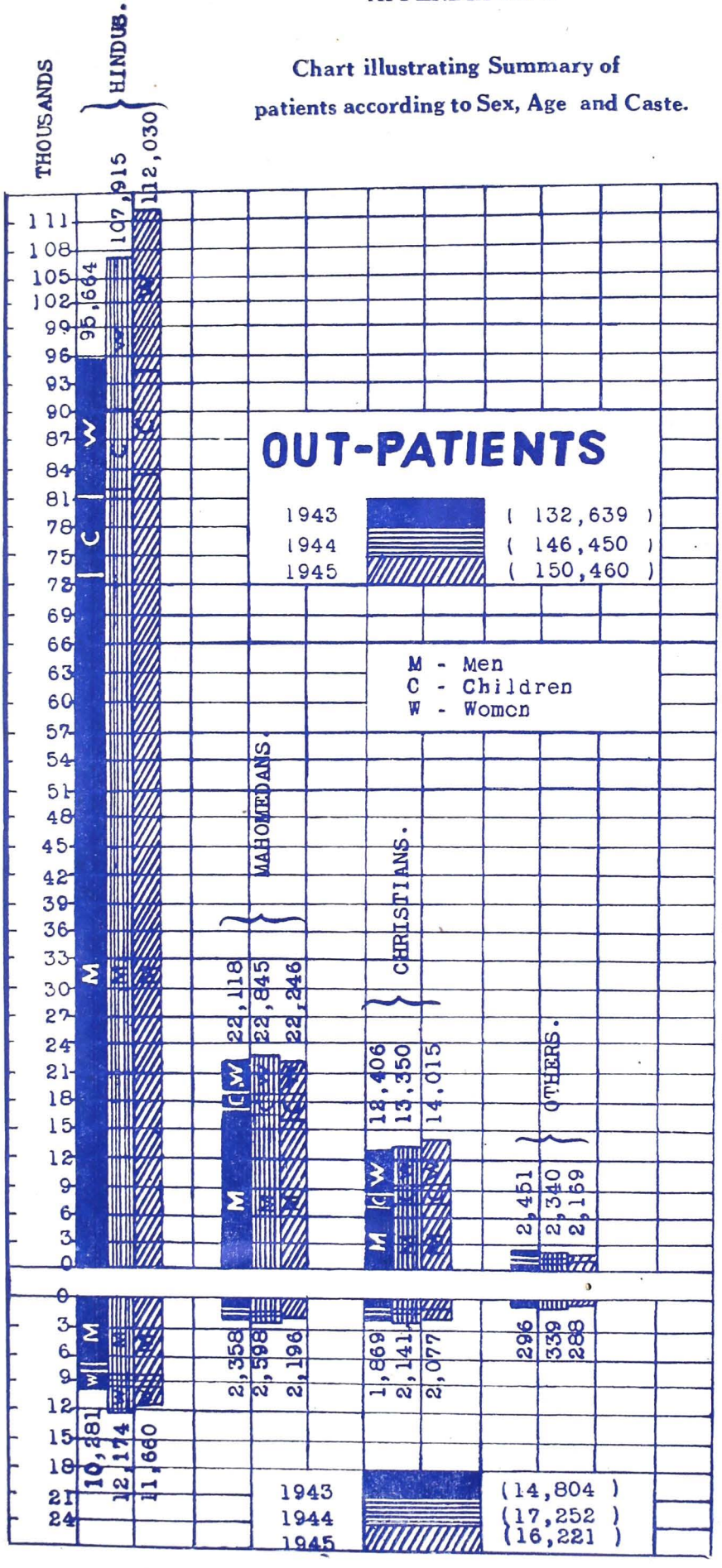
APPENDIX No. 3.

summary of out patients classified according to departments and the sex for year 1945.

Department.	Sex.	O. P. D. New Cases.	Casualty cases.	Total of O. P. D. and Casualty cases.	Old cases.	Grand Total.
Medical ...	Male ...	26,415	572	26,987	61,211	88,198
	Female ...	8,705	131	8,836	25,759	34,595
	Children—					
	Male ...	2,311	92	2,403	3,043	5,446
	Female ...	1,895	42	1,937	2,454	4,391
Surgical ...	Male ...	26,242	17,772	44,014	74,827	1,18,841
	Female ...	4,493	2,113	6,606	25,239	31,845
	Children—					
	Male ...	1,569	1,011	2,580	2,930	5,510
	Female ...	858	435	1,293	2,310	3,603
Ophthalmic ...	Male ...	7,485	2,209	9,694	18,582	28,276
	Female ...	1,812	61	1,873	11,012	12,885
	Children—					
	Male ...	423	20	443	964	1,407
	Female ...	417	8	425	851	1,275
Gynaecological ...	Female ...	3,395	12	3,407	14,968	18,375
	Children—					
	Female ...	5	1	6	...	6
Dental ...	Male ...	4,427	21	4,448	3,634	8,082
	Female ...	1,512	4	1,516	1,410	2,926
	Children—					
	Male ...	137	2	139	385	524
	Female ...	86	2	88	284	372
Skin & Venereal ...	Male ...	13,282	6	13,288	43,252	56,540
	Female ...	2,365	...	2,365	21,448	23,813
	Children—					
	Male ...	1,604	...	1,604	2,544	4,148
	Female ...	1,180	1	1,181	1,965	3,146
Aural ...	Male ...	4,560	149	4,709	13,028	17,737
	Female ...	1,917	33	1,950	6,405	8,355
	Children—					
	Male ...	784	95	879	910	1,789
	Female ...	654	54	708	795	1,503
Orthopaedic ...	Male ...	3,024	2,215	5,239	12,594	17,833
	Female	527	280	807	3,298	4,105
	Children					
	Male ...	410	294	704	657	1,361
	Female ...	211	120	331	554	885
	Grand Total ...	1,22,705	27,755	150,460	3,57,313	5,07,773

APPENDIX No. 4

Chart illustrating Summary of patients according to Sex, Age and Caste.



APPENDIX No. 5.

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1945.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Infectious etc., Diseases.									
1. Measles ...	...	6	6	2	...	4	...	...	21
2. Whooping cough ...	...	1	1	1	...	...	...	...	22
3. Influenza ...	...	43	43	20	15	8	...	...	800
4. Influenzial pneumonia.	...	...	...	...	...	...	...	...	...
5. Erysipelas ...	...	3	3	2	...	1	...	...	7
6. Other infectious etc. diseases ...	21	991	1,012	558	133	109	182	30	5,190
7. Tuberculosis-primary.	3	171	174	2	34	87	46	5	1,001
8. Tuberculosis-other forms ...	13	326	339	46	111	120	47	15	1,023
9. Syphilis ...	7	124	131	6	106	12	2	5	3,041
10. Gonococcal infection	...	67	67	5	53	7	...	2	968
11. Soft Chancre ...	...	18	18	2	13	3	...	...	546
12. Septicaemia ...	...	8	8	1	...	...	7	...	2
13. Pyaemia ...	...	24	24	13	7	1	3	...	28
13(a) Enteric fever ...	15	218	233	128	13	27	55	10	650
13(b) Malaria ...	8	388	396	224	97	57	13	5	2,876
Neoplasms.									
14. Carcinoma ...									
15. Sarcoma ...									
16. Other or not defined Malignant diseases	7	167	174	32	29	66	40	7	284
17. Non-malignant tumours etc. ...	14	271	285	130	78	50	13	14	766
Rheumatism etc.									
18. Rheumatic fever ...									
19. Acute Rheumatism ...	...	14	14	7	4	1	1	1	43
20. Chronic or undefined rheumatism ...	10	171	181	35	97	35	3	11	1,663
21. Gout ...	...	2	2	...	2	...	...	...	1
22. Fibrositis ...	...	5	5	4	...	1	...	...	267
23. Lumbago, myalgia ...	...	8	8	...	3	5	...	...	282
24. Blood diseases ...	13	272	285	48	109	47	63	18	908
Nervous System etc.									
25. Meningitis ...	5	123	128	43	7	12	65	1	126
26. Tabes Dorsalis ...	...	...	...	...	...	...	...	...	...
27. Cerebral Haemorrhage	1	13	14	2	2	...	9	1	11
28. Embolism ...	...	...	...	...	...	...	...	...	...
29. Thrombosis ...	...	...	...	...	...	...	...	...	...
29A. Paralysis from acute poliomyelitis ...	...	...	...	...	...	...	...	...	...
30. General paralysis of the insane ...	...	...	...	...	...	...	...	...	...
31. Paralysis agitans ...	...	4	4	...	2	1	...	1	10

APPENDIX No. 5.—(*contd.*)

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1945.

Names of diseases	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged.				Remaining.	
				Cured.	Relieved	Otherwise.	Died.		
32. Other paralysis ...	8	114	122	10	44	36	13	19	359
33. Other insanity ...	...	...	...	...	...	...	...	...	....
34. Epilepsy ...	2	27	29	5	16	7	...	1	77
35. Idiocy ...	...	...	...	...	...	...	...	...	74
36. Imbecility ...	...	...	...	...	...	...	...	...	...
37. Disseminated Sclerosis ...	...	6	6	2	1	3	...	...	5
38. Neuritis ...	...	43	43	9	19	12	2	1	876
39. Neuralgia ...	...								
40. Sciatica ...	...	8	8	1	3	3	...	1	2
41. Other diseases of the nervous system ...	6	150	156	30	45	47	26	8	704
Total diseases of the nervous system ...	22	488	510	102	139	121	115	33	2,184
42. Diseases of the Eye ...	26	825	851	366	318	138	...	29	7,586
Circulatory System.									
43. Valvular heart disease	15	276	291	36	96	31	97	31	401
44. Myocardial disease ...	3	63	66	7	32	14	10	3	86
45. Other heart disease ...	4	28	32	5	12	5	8	2	39
46. Aneurysm ...	1	12	13	2	1	5	5	...	13
47. Arterio-sclerosis ...	3	40	43	3	16	13	11	...	90
48. Hypertension ...									
49. Gangrene ...	...	...	...	...	...	...	...	...	...
50. Diseases of veins (non-puerperal) ...	...	25	25	4	5	8	6	2	90
51. Other diseases of the circulatory system ...	1	43	44	8	19	6	11	...	64
Total diseases of the circulatory system	27	487	514	65	181	82	148	38	783
Ear, Nose and Throat Diseases.									
52. Enlarged tonsils and adenoids ...	6	1,253	1,259	671	542	44	1	1	3,062
53. to 55 Coryza and Rhinitis and Catarrh ...	...	67	67	34	26	6	...	1	551
56. Others ...	12	448	460	223	183	45	2	7	3,705
Respiratory System.									
57. Bronchitis acute ...	1	64	65	40	15	8	1	1	3,687
58. Do. chronic ...									
59. Do. not stated ...									
60. Lobar pneumonia ...	5	149	154	122	1	1	29	1	115
61. Broncho-pneumonia ...	2	98	100	46	7	5	42	...	96
62. Pneumonia, other or not stated ...	12	809	821	676	21	21	75	28	825
63. Pleurisy ...	11	138	149	33	72	24	11	9	266
64. Empyema ...	1	31	32	5	5	6	13	3	27
65. Asthma ...	5	99	104	31	58	6	6	3	738
66 Hay Fever ...	...	...	...	...	...	...	...	...	...
67. Other diseases of respiratory system ...	8	158	166	36	56	20	46	8	472
Total diseases of the Respiratory system	45	1,546	1,591	989	235	91	223	53	6,226

APPENDIX No. 5—(*contd.*)

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1945.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Digestive System etc.									
68. Ulcer, stomach ...	3	93	96	13	37	43	2	1	704
69. Ulcer, duodenum ...	5	123	128	33	52	33	8	2	120
70. Chronic dyspepsia ...	1	34	35	5	23	7	...	...	858
71. Diarrhoea ...	1	194	195	105	24	21	43	2	1,274
72. Enteritis ...	2	70	72	28	19	7	16	2	235
73. Appendicitis ...	7	253	260	132	85	30	4	9	309
74. Hernia ...	6	281	287	213	30	21	8	15	537
75. Intestinal obstruction... acute	...	55	55	13	18	9	13	2	70
76. Do. chronic ...									
77. Do. not stated ...									
78. Stasis ...	...	...	...	...	...	...	...	...	...
79. Constipation ...	...	13	13	4	8	1	...	...	956
80. Cirrhosis of liver ...	2	139	141	33	45	28	30	5	356
81. Biliary calculi ...	...	...	...	...	...	...	...	...	...
82. Other diseases of the digestive system ...	23	883	906	336	300	159	89	22	10,304
Total diseases of the digestive system ...	50	2,138	2,188	915	641	359	213	60	15,723
82.A Diseases of Lymphatic System ...	1	69	70	21	20	23	4	2	597
82.B Diseases of Thyroid gland ...	...	29	29	16	3	5	3	2	54
Genito-Urinary System.									
83. Nephritis—acute ...	4	52	56	12	17	4	17	6	106
84. Nephritis—chronic ...									
85. Nephritis—not stated.									
86. Other diseases of kidney ...	6	237	243	59	105	51	20	8	325
87. Diseases of bladder ...	1	11	12	5	4	2	1	...	75
88. Urinary calculi ...	...	31	31	17	6	4	1	3	40
89. Diseases of prostate (non-malignant)	4	50	54	26	6	8	11	3	67
90. Stricture of urethra ...	2	15	17	5	8	4	...	...	40
91. Other diseases of urinary organs ...	2	54	56	17	17	16	5	1	205
92. Non-Venereal diseases of genital organs Males	24	389	413	290	83	24	4	12	1,975
Do. Do. Females	19	468	487	136	203	130	3	15	1,979
Total—diseases of the genito-urinary system	62	1 307	1,359	567	449	243	62	48	4,812
Pregnancy, parturition.									
93. Abortion, pregnancy etc. ...	...	73	73	27	20	21	3	2	525
94. Ante-natal cases, confinement, post-natal cases ...	...	...	...	...	...	...	...	...	...
Skin, Bones, etc.									
95. Boil ...	...	19	19	9	10	...	...	...	574
96. Carbuncle ...	...	19	19	8	6	2	3	...	25
97. Abscess ...	6	229	235	112	88	22	3	10	1,711
98. Ulcer ...	6	52	58	17	14	19	2	6	1,838
99. Bed-sore ...	...	...	...	...	...	...	...	...	...

APPENDIX No. 5—(*concld.*)

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1945.

Names of diseases.	IN-PATIENTS.								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise	Died.		
100. Eczema ...	...	1	1	...	1	...	...	...	219
101. Scabies ...	...	99	99	43	49	4	...	3	11,611
102. Other diseases of Skin and Cellular Tissue ...	14	399	413	124	196	56	24	13	6,427
103. Diseases of bones	8	119	127	29	53	32	3	10	236
103*a* Diseases of joints ...	1	55	56	4	28	18	...	6	273
103*b* Diseases of muscles ...	...	20	20	12	3	2	...	3	226
104. Congenital malformations ...	3	76	79	15	18	35	2	9	144
Others.									
109. Rickets ...	1	6	7	1	3	1	...	2	112
109*a* Scurvey ...	...	8	8	3	4	1	...	...	13
109*b* Pellagra ...	1	8	9	3	2	1	3	...	7
110. Diabetes ...	2	29	31	3	5	10	8	5	31
111. Senile decay ...	...	...	...	...	...	...	...	...	...
111*a* General debility ...	...	48	48	13	14	9	9	3	432
112. Senile dementia ...	...	...	...	...	...	...	...	...	...
112.A Poisoning ...	1	266	267	186	43	22	15	1	4,865
Violence (1) Fractures.									
113. Skull, vault and/or base	...	49	49	13	6	1	29	...	108
114. Lower jaw ...	...	31	31	2	24	4	...	1	245
115. Other facial bone ...									
116. Spinal column (other than sacrum and Coccyx) ...	12	123	135	2	51	64	11	7	206
117. Sacrum ...	...	...	...	...	...	...	...	...	...
118. Coccyx ...	...	...	...	...	...	...	...	...	...
119. Ribs, sternum ...	1	44	45	...	31	10	4	...	287
120. Clavicle ...	...	11	11	1	9	1	...	...	178
121. Scapula ...	...	4	4	...	3	1	...	...	16
122. Humerus ...	5	79	84	2	62	16	1	3	397
123. Radius and ulna ...	4	118	122	4	82	35	...	1	1,088
124. Carpal bones ...	...	20	20	...	17	3	...	...	509
125. Metacarpal phalanges of fingers ...									
126. Pelvis (other than sacrum and coccyx)	3	30	33	1	14	15	2	1	44
127. Femur ...	17	202	219	4	119	61	13	22	372
128. Patella ...	2	27	29	1	21	5	...	2	55
129. Tibia and/or fibula ...	9	144	153	1	111	36	3	2	335
130. Tarsal bones ...	1	41	42	1	24	16	...	1	386
131. Metatarsal and Phalanges of toes									
131*a*. Other injuries ...	43	1,690	1,733	644	615	281	161	32	36,597
Total—No. of patients treated for fractures	97	2,613	2,710	676	1,189	549	224	72	43,823
132 (2) **Others**									
Other ill-defined diseases.	...	110	110	10	28	67	2	3	11,674
No diseases— N.A.D. ...	...	17	17	2	...	15	...	...	72
i. Born in Hospital ...	...	...	...	...	...	...	...	...	...
ii. Others. ...	...	...	...	...	...	...	...	...	...
Grand Total ...	502	16,221	16,723	6,532	5,415	2,684	1,547 + 2 O.P.D.	545	1,50,460

APPENDIX No. 6

Statement showing classification according to principal sites, of in-patients suffering from Tuberculosis treated in the K. E. M. Hospital during the year 1945.

	Respiratory system.	Brain and spinal cord.	Intestines and perito-neum etc.	Genito-urinary system.	Bones and Joints.				Glands.*	Generalised.	Others.	Total.	Remarks.
					Spine.	Hip.	Knee.	Others					
Discharges ...	125	7	92	11	62	19	8	45	47	1	7	424	
Deaths ...	48	27	24	2	4	1	...	2	1	4	...	113	
Total ...	173	34	116	13	66	20	8	47	48	5	7	537	

* Excluding abdominal, mediastinal etc., glands which are included in the intestines and respiratory system.

APPENDIX No. 7

Patients suffering from Malignant Neoplasms classified according to Type of growth, Sex and Age Discharged and Deaths during the year 1945.

		Age Group.									Results.			
Type of growth.	Sex.	0-14 years.	15-24 years.	25-34 years.	35-44 years.	45-54 years.	55-64 years.	65-74 years.	75-84 years.	85 years and above.	Discharged.	Deaths.	Total.	Remarks.
Carcinoma ...	Male ...	...	...	12	22	19	16	8	4	...	59	22	81	
	Female ...	1	6	9	15	17	3	3	1	...	45	10	55	
Sarcoma ...	Male ...	...	1	...	...	...	...	...	...	...	1	...	1	
	Female ...	...	...	...	...	...	...	...	...	...	...	...	...	
Rodent ulcer ...	Male ...	...	...	...	...	...	...	...	...	...	...	...	...	
	Female ...	...	...	...	...	...	...	...	...	...	...	...	...	
Unidentified ...	Male ...	1	3	5	10	3	...	...	...	...	15	7	22	
	Female ...	...	2	...	3	1	1	1	...	...	8	...	8	
Total	Male ...	1	4	17	32	22	16	8	4	...	75	29	104	
	Female ...	1	8	9	18	18	4	4	1	...	53	10	63	
Grand Total ...		2	12	26	50	40	20	12	5	...	128	39	167	

APPENDIX No. 8.

Patients suffering from Malignant Neoplasms—(Discharged and deaths, classified according to site and sex) for the year 1945.

Site of growth.	Male.	Female.	Totals.				Remarks.
			Discharged.		Expired.		
			Male.	Female.	Male.	Female.	
Alimentary tract above stomach ...	9	9	7	7	2	2	
Stomach ...	15	5	11	2	4	3	
Intestines ...	3	5	2	4	1	1	
Rectum ...	5	...	3	...	2	...	
Anus ...	2	...	2	...	...	...	
Respiratory system ...	21	3	14	2	5	1	
Prostate ...	1	...	1	...	...	...	
Bones and others ...	48	10	35	9	13	1	
Female generative organs—							
Ovary & tubes ...	...	4	...	4	...	...	
Body of the Uterus ...	...	5	...	5	...	...	
Cervix, Vagina Vulva ...	...	10	...	9	...	1	
Breast ...	...	11	...	10	...	1	
Other sites ...	...	1	...	1	...	...	
Discharged ...	...	...	75	53	29	10	
Deaths ...	...	...	...	...	...	...	
Total ...	104	63	167				

APPENDIX No. 9

Statement showing Fracture cases treated in the K. E. M. Hospital during the year 1945.

Nature of fracture.	Simple.	Compound.	Pathological.	Total	Operative reduction.	Complications with				Cases with end results					
						Joints.	Nerves	Vessels	Others	Good.	Fair.	Bad.	Died.	Could not be Traced	Total
Calcaneous ...	11	1	...	12	1	4	...	...	...	5	7	...	...	...	12
Carpals & phalanges ...	...	109	...	109	109	81	...	...	...	21	88	...	...	...	109
Clavicle ...	4	...	...	4	1	...	...	...	...	3	1	...	...	...	4
Colles ...	15	5	...	20	7	...	...	...	...	15	5	...	...	...	20
Femur ...	180	10	...	190	25	...	...	...	3	122	52	...	16	...	190
Humerus ...	77	8	...	85	3	...	...	...	...	73	11	...	1	...	85
Mandible ...	10	8	...	18	4	...	...	...	...	2	15	1	...	...	18
Multiple ...	...	6	...	6	...	...	...	...	2	1	...	...	5	...	6
Olecranon ...	6	...	...	6	4	2	...	...	...	4	2	...	...	...	6
Patella ...	23	...	...	23	18	9	...	...	...	14	9	...	...	...	23
Pelvis ...	27	...	...	27	...	...	...	...	2	25	2	...	...	...	27
Pott's ...	36	34	...	70	...	17	...	...	...	47	21	2	...	...	70
Radius and Ulna ...	58	26	...	84	11	...	...	...	...	66	15	3	...	...	84
Ribs ...	22	...	...	22	...	...	...	...	4	22	...	...	...	...	22
Spine ...	114	...	...	114	...	...	28	...	...	80	20	8	6	...	114
Tibia and Fibula ...	66	54	...	120	...	...	...	...	2	91	23	2	4	...	120
Total ...	649	261	...	910	183	113	28	...	13	591	271	16	32	...	910

APPENDIX No. 10.

Statement showing Head Injuries and Fractures of the skull treated in the K. E. M. Hospital during the year 1945.

PARTICULARS.	OPERATED					NON-OPERATED					Grand total.
	Cured.	Relieved.	Other-wise.	Died.	Total	Cured.	Relieved.	Other-wise.	Died.	Total	
Uncomplicated scalp injuries...	56	17	1	...	74	93	65	38	...	196	270
C.L.Ws. + Haematomas. Concussion with or without scalp injuries. ...	6	...	...	...	6	88	34	12	...	134	140
Fracture vault skull undepressed	2	2	...	...	4	9	2	1	...	12	16
Depressed fracture skull uncomplicated. ...	17	5	...	...	22	5	2	2	...	9	31
Fracture base skull ...	...	...	...	...	...	1	1	1	2	5	5
Laceration of brain & Intracranial haemorrhages ...	...	...	...	9	9	...	...	...	56	56	65
Total ...	81	24	1	9	115	196	104	54	58	412	52

APPENDIX No. 11.

Statement of diseases of female generative organs treated in the K. E. M. Hospital during the year 1945.

Names of diseases.	IN-PATIENTS.								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged.				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Inflamatory.									
Endometritis ...	...	13	13	4	4	3	1	1	224
Cervicitis-endocervicitis ...	...	...	...	...	...	...	...	...	2
Salphingitis, Oophoritis and Salpingo-oophritis ...	2	64	66	12	35	18	...	1	133
Vaginitis ...	1	30	31	12	5	8	1	5	93
Vulvitis ...	...	1	1	...	1	...	...	...	24
Bartholinitis & abscess ...	1	7	8	6	2	...	...	...	22
Acute and sub-acute pelvic inflammation ...	...	15	15	4	6	4	...	1	22
Pelvic cellulitis (puerperal)	1	2	3	1	2	...	...	...	45
Laceration and Displacements									
Laceration of cervix ...	...	17	17	8	6	1	1	1	21
Uterine displacements Chronic uterine inversion ...									
Prolapse ...	7	66	73	40	27	6	...	...	420
Fistula urinary ...	1	15	16	5	4	6	...	1	14
Fistula-rectal ...									
Functional.									
Amenorrhoea ...	...	1	1	...	1	1	...	...	132
Dysmenorrhoea ...	...	17	17	1	10	6	...	...	96
Menorrhagia ...	1	61	62	25	26	8	1	2	157
Metropathia haemorrhagica	...	23	23	8	9	5	...	1	7
Sterility	4	133	137	8	65	63	...	1	360
Menopause									
Other functional diseases ...	...	1	1	...	...	1	...	...	146
Abortion ...	...	24	24	6	5	12	...	1	111
Ectopic gestation ...	...	20	20	9	6	4	1	...	23
Pregnancy & others ...	...	12	12	4	3	4	...	...	364
Grand Total ...	18	522	540	153	216	150	6	15	2,416

APPENDIX No. 12.

Classification of Operations performed in the Surgical Department during the year 1945.

Name of Operation.	IN-PATIENTS.										Outdoor patients operated on.
	Remaining as per last report.	No. of Operations.				Result.				Remaining under treatment.	
		Principal.	Second.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.		
Excision of benign neoplasms	1	21	3	24	21	12	3	3	...	4	95
Removal of malignant neoplasms	4	10	...	10	10	10	2	2	...	...	...
Removal of mixed tumours	...	2	...	2	2	1	1	...	...	...	3
Removal of granulation tissues	...	1	...	1	1	...	...	...	...	1	15
Removal of scar tissue growths	1	13	1	14	13	6	5	1	1	1	16
Removal of retention cysts	...	8	...	8	8	4	2	...	1	1	185
Removal of congenital cysts	...	8	1	9	8	6	...	1	1	...	37
Removal of distension cysts	...	3	...	3	3	3	...	...	...	...	27
Removal of neural cysts	...	1	...	1	1	...	1	...	...	...	...
Removal of lymphatic cysts	...	2	...	2	2	2	...	...	...	...	...
Distruction by heat-cautery	...	1	2	3	1	...	1	...	...	...	...
Diathermy	...	...	...	...	...	...	...	...	...	...	1
Incision evacuation and drainage of abscesses	5	408	95	503	408	215	144	17	16	21	1,549
Aspiration of fluids from joints, abscesses, etc.	...	33	17	50	33	9	6	14	4	...	289
Tapping of hydrocele	...	2	1	3	2	1	1	...	...	...	560
Tapping of ascitis	...	...	...	...	...	...	...	...	...	...	1
Incisions for cellulitis, carbuncles, etc.	1	37	6	43	37	10	17	3	7	1	40
Excision of corns, cicatrix, bursae, etc.	1	13	24	37	13	6	3	4	1	...	374
Excision of fistula-umbilical & urethral	...	2	4	6	2	1	...	...	...	1	...
Scraping of sinuses, etc.	...	58	15	73	58	23	30	2	2	1	149
Suturing of wounds	3	375	60	435	335	159	148	44	15	12	166
Removal of foreign bodies from stomach & intestine	...	1	...	1	1	1	...	...	...	...	...
Removal of foreign bodies from tissues	...	21	16	37	21	14	5	1	1	...	164
Skin-grafting	4	30	92	122	30	11	13	4	1	5	2
Plastic operations	1	45	8	53	45	22	15	5	...	4	6
Operations on joints	3	32	7	39	32	10	10	8	3	4	9
Amputations	1	52	13	65	52	16	25	5	4	3	36
Osteotomy	1	23	3	26	23	...	15	4	...	5	1
Other operations on bones	4	83	17	100	83	21	45	17	1	3	41
Setting of fractures	8	373	136	509	373	19	273	70	4	15	394
Injections for piles	...	3	1	4	3	1	2	...	...	...	311
Thyroidectomy partial	...	17	1	18	17	11	2	2	2	...	...
Other operations on ductless glands	...	14	...	14	14	12	2	...	...	...	...
Removal of breast for malignant growth	1	8	...	8	8	6	2	...	...	1	...
Other operations on breast	...	6	...	6	6	6	...	...	...	...	18
Pericardotomy	...	2	...	2	2	1	...	...	1	...	...
Ligature of artery etc.	...	7	6	13	7	4	1	1	1	...	1
Operations on veins	...	2	2	4	2	1	1	...	...	...	10
Excision of lymphatic vessels and glands	...	4	...	4	4	...	4	...	...	...	1
Trephining	...	2	...	2	2	...	...	1	1	...	...
Elevation of depressed fracture	...	26	...	26	26	15	4	...	7	...	...
Other operations on skull	...	3	1	4	3	...	1	...	2	...	...
Operations on spinal column	...	23	4	27	23	2	9	5	3	4	...
Operations on nerves	...	10	2	12	10	3	1	3	1	2	4
Operations on larynx	...	...	1	1	...	...	...	...	...	...	...
Operations on trachea	...	2	...	2	2	1	...	...	1	...	...
Operations on lungs	...	2	...	2	2	...	...	...	2	...	...
Operations on thorax	2	34	17	51	34	10	10	3	11	2	1
Extraction of teeth and other dental operations	...	...	...	...	...	...	...	...	...	...	5,245
Partial excision of tongue	...	1	...	1	1	1	...	...	...	...	...
Operations on salivary glands	...	6	...	6	6	4	2	...	...	...	2
Gastrotomy	...	1	...	1	1	...	1	...	...	...	...
Gastrectomy partial for ulcer	1	14	...	14	14	8	2	...	4	1	...
Gastrectomy partial for cancer	...	1	...	1	1	...	...	...	1	...	...
Gastrorrhaphy for perforation	...	1	...	1	1	1	...	...	...	...	...
Gastrojejunostomy for gastric ulcer	1	14	...	14	14	8	6	...	...	1	...
Gastrojejunostomy for duodenal ulcer	...	20	1	21	20	11	6	...	3	...	...
Operations on jejunum and Ilieum	2	23	2	25	23	11	11	...	2	1	...
Removal of appendix	1	141	2	143	141	118	12	2	3	7	...
Operations on caecum	...	1	...	1	1	...	...	...	...	1	...
Operations on colon	1	9	6	15	9	2	3	1	3	1	...
Operations on rectum and anus	2	183	40	223	183	137	34	5	3	6	42
General operations on Intestines	...	3	...	3	3	2	...	...	1	...	...
Herniotomy, radical cure for Ing. Hernias	3	187	1	188	187	163	14	...	4	9	...
Herniotomy radical cure other forms of hernias	...	5	...	5	5	3	...	1	1	...	...
Herniotomy, for strangulated hernias, Inguinal	...	72	...	72	72	54	7	1	8	2	...
Exploratory Laparatomy	...	146	3	149	146	39	15	10	78	4	...
Operation on liver and biliary apparatus	...	2	...	2	2	1	...	...	1	...	...
Cholecystectomy	...	19	...	19	19	14	4	...	1	...	...
Removal of spleen	1	7	...	7	7	2	1	...	5	...	...
Sature of wound-spleen	...	...	1	1	...	...	...	...	...	...	...
Operations on pancreas	...	1	...	1	1	1	...	...	...	...	...
Orchidectomy	...	20	9	29	20	15	5	...	...	...	...
Other operations on scrotum	1	8	1	9	8	7	1	...	1	...	...
Radical cure for vaginal hydrocele	8	211	...	211	211	193	17	2	...	7	...
Excision sac for haematocele	...	1	...	1	1	...	1	...	...	...	...
Epididymectomy	1	1	...	1	1	1	1	...	...	...	...
Operations on spermatic cord	...	5	...	5	5	3	2	...	...	...	3
Prostatectomy—Suprapubic	1	8	30	38	8	5	2	1	...	1	...

APPENDIX No. 12—(*concld.*)

Classification of Operations performed in the Surgical Department during the year 1945.

Name of Operation.	IN-PATIENTS.										Out-door patients operated on.
	Remaining as per last report.	No. of Operations.				Result.				Remained under treatment.	
		Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged otherwise.	Died.		
Circumcision	...	7	3	10	7	7	...	...	...	...	196
Other operations on penis ...	1	12	3	15	12	7	4	1	1	...	37
Nephrectomy	1	11	1	12	11	6	2	1	3	...	...
Nephrolithotomy ...	...	...	4	4	...	...	...	...	...	...	1
Operations on ureter ...	...	6	...	6	6	4	2	...	...	...	...
Suprapubic cystotomy ...	6	69	8	77	69	46	8	1	17	3	...
Suprapubic Lithotomy ...	...	32	1	33	32	26	3	...	2	1	...
Lithotrity	...	6	...	6	6	3	2	1	...	...	...
Other operations on bladder ...	...	16	53	69	16	7	5	3	1	...	176
Urethrotomy external	3	4	10	14	4	4	3	...	...	...	...
Other operations on urethra ...	2	15	63	78	15	5	6	5	...	1	179
Operations on uterus and fallopian tubes...	...	3	...	3	3	3	...	...	...	...	...
Enucleation of eye ...	...	2	...	2	2	...	...	1	1	...	...
Total ...	77	3,117	798	3,915	3,117	1,577	986	256	238	137	10,387

APPENDIX No. 13.

Classification of Operations performed in the Gynaecological Department during the year 1945.

Nature of Operation.	Remaining as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on
Operations on.											
Uterus ...	6	131	2	133	131	78	41	8	4	6	...
Cervix ...	5	186	3	189	186	26	104	59	...	2	...
Perineum & Vagina ...	2	64	5	69	64	42	17	4	1	2	...
Urethra ...	...	2	...	2	2	1	1	...	...	...	...
Fallopian tubes and broad ligaments ...	...	33	...	33	33	24	8	...	1	...	...
Ovaries ...	1	14	...	14	14	8	5	...	2	...	...
General ...	1	16	15	31	16	5	8	3	1	...	...
Total ...	15	446	25	471	446	184	184	74	9	10	...

APPENDIX No. 14.

Classification of Operations performed in the Ophthalmic Department during the year 1945.

Nature of Operation.	Remaining as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Operations on.											
Eyelids ...	...	18	7	25	18	13	3	2	...	...	123
Conjunctiva ...	2	13	2	15	13	9	3	3	...	...	25
Cornea ...	...	9	1	10	9	2	6	1	...	...	431
Lachrymal apparatus ...	1	37	2	39	37	26	12	...	...	...	27
Muscles ...	...	11	3	14	11	6	4	1	...	...	...
Iris ...	2	52	10	62	52	20	25	9	...	...	...
Sclera ...	1	43	21	64	43	18	20	6	...	...	...
Lens ...	18	467	39	506	467	247	211	18	1	8	19
Socket ...	2	3	5	8	3	3	1	1	...	...	...
General operations ...	...	20	3	23	20	9	7	3	...	1	...
Total ...	26	673	93	766	673	353	292	44	1	9	625

APPENDIX No. 15

Classification of Operations performed in the Ear, Nose and Throat department during the year 1945.

Nature of Operation.	Remaining as per last report.	IN-PATIENTS. No. of Operations. Principal.	Secondary.	Total.	No. of patients operated on.	Results. Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Operations on.											
Larynx ...	1	7	4	11	7	2	4	2	...	...	5
Trachea ...	...	11	...	11	11	1	4	3	3	...	...
Oesophagus ...	...	4	2	6	4	...	2	2	...	...	3
Stomach ...	...	...	1	1	...	...	...	...	...	...	...
External nose and nasal cavity ...	...	3	1	4	3	...	3	...	...	...	...
Nasal bones ...	...	1	...	1	1	...	...	1	...	...	...
Septum ...	1	129	...	129	129	84	44	2	...	...	...
Turbinate bones ...	...	44	...	44	44	24	19	1	...	...	124
Posterior nares ...	...	6	1	7	6	1	3	1	...	1	5
Maxillary antrum ...	2	75	1	76	75	49	27	1	...	...	740
Frontal sinus ...	...	1	...	1	1	1	...	...	...	...	...
Ethmoidal sinus ...	...	3	1	4	3	2	1	...	...	...	...
Mouth fauces Pharynx and naso pharynx ...	1	1,124	1	1,125	1,124	655	468	...	1	1	...
Ear ...	3	87	11	98	87	55	23	2	4	6	32
Miscellaneous—of a minor nature ...	...	6	7	13	6	2	3	...	1	...	...
Total ...	8	1,501	30	1,531	1,501	876	601	15	9	8	909

APPENDIX No. 16.

Report of the X-Ray and Electro-Therapeutic Department, for the year 1945.

5,903 cases were X-Rayed during the year 1945, out of which 2,768 cases were in-door (1,484 men, 995 women and 187 male and 102 female children), 3,135 patients were out-door (1,572 men, 805 women and 547 male and 210 female children).

Fluroscopy was done in 5,475 cases; 1,201 indoor. (774 men, 302 women, 85 male and 40 female children). 4,279 cases were out-door (2,402 men, 1,100 women and 552 male and 220 female children).

X'Ray and Fluroscopic examination after Barium Meal and Enema Investigation was done in 669 cases.

Superficial X'Ray treatment was given in 209 cases (160 men, 51 women and 8 children).

Deep X'Ray Treatment was given in 357 cases.

Ultra-violet Radiation was given to 1,021 cases. (119 men, and 136 women; 357 male children and 409 female children).

Short-wave diathermy was given to 323 cases (193 men, 130 women).

Long-wave Diathermy was given to 124 females.

76 cases were treated with faradic stimulation (48 men, 22 women and 6 children).

Electircal reactions were tested in 44 cases (39 men and 5 children).

Electrolysis was done in 3 female children.

Fulguration was done in 21 men only.

APPENDIX No. 17.

Report of the Skin and Venereal Department, K. E. M. Hospital for the year 1945.

Description.	Out-patients.		In-patients.	
	Male.	Female.	Male.	Female.
Primary syphilis ...	1,277	24	23	5
Secondary syphilis ...	2,011	137	113	13
Tertiary syphilis ...	18	...	5	...
Congenital syphilis ...	...	1	...	3
Total No. of cases of syphilis ...	3,306	162	141	21
Acute gonorrhoea ...	709	137	13	...
Chronic gonorrhoea ...	695	38	51	2
Total No. of cases of gonorrhoea ...	1,404	175	64	2
Phagoedena ...	28	...	39	...
Chancroid ...	301	13	12	...
Granuloma Inguinalae (Vth V. D.) ...	1	...	1	...
Lympho-granuloma Inguinalae (VIth V.D.) ...	35	...	6	...
Total No. of venereal cases treated during the year 1945.	5,075	350	263	23
Leprosy cases ...	177	28	3	...
Skin diseases ...	9,891	2,910	232	72
Grand total of venereal, skin and leprosy cases treated during the year 1945 ...	15,143	3,288	498	95

The above figures indicate the total number of persons seeking treatment in the Skin and Venereal Department direct. They do not include 213 cases (161 males and 52 females) which were examined and found not suffering from any skin or venereal disease. They do not also include cases transferred to the Skin and Venereal Department from other departments to avoid duplication of figures as well as of previous years which continued treatment during 1945. Hence the total number of cases treated in the department was considerably greater than that shown above.

Among the venereal cases, 3,011 patients (of which 51 were females) were treated for two or more venereal diseases.

Among the indoor patients, 65 cases were treated for two or more venereal diseases.

Among the cases treated for skin diseases, 6,937 were found to be suffering from scabies.

APPENDIX No. 18.

Statement showing the number of electro-cardiograms taken during the year 1945:—

Clinical condition for which Electro-cardiogram was taken.	Male.	Female.	Total.
1. Coronary Thrombosis ...	25	5	30
2. Angina Pectoris ...	34	7	41
3. Congestive heart failure ...	29	7	36
4. Miscellaneous ...	24	9	33
5. Cardiac Neurosis ...	10	2	12
6. Hypertension ...	14	9	23
7. Congenital Anomaly ...	3	...	3
8. Auricular fibrillation ...	6	5	11
9. Bradycardia ...	5	...	5
10. Tachycardia ...	2	1	3
11. Acute rheumatic fever ...	2	2	4
12. Pericarditis ...	3	...	3
13. Valvular heart disease ...	13	8	21
14. Vitamin B. deficiency ...	...	8	8
15. Thyrotoxicosis ...	...	3	3
Total ...	170	66	236

APPENDIX No. 19.

Central Clinical Laboratory Report.

23,634 laboratory investigations were carried out during the year 1945 in the Central Clinical Laboratory (as apart from the ward laboratories) on the material sent from the Hospital, as against 17,946 and 17,553 in the year 1944 and 1943, respectively. These are grouped under the following heads:—

I. Pathological. II.—Bacteriological. III.—Biological. IV.—Biochemicol as under:—

I.—Pathological.

(*i*) Routine Examination of urine ...	800
(*ii*) *Examination of blood*—	
(1) Cytological examination—	
(*a*) Complete cytology ...	880
(*b*) Reticulocyte count ...	2
(*c*) Platelet count ...	48
(2) Coagulation time of blood ...	75
(3) Bleeding time of blood ...	71
(4) (*a*) Grouping and Matching of blood for transfusion ...	1,272
(*b*) Determination of blood group	143
(5) Sedimentation test ...	1,018
(6) Detection of parasites—	
(*a*) Microfilaria ...	13
(*b*) Malarial parasites ...	10
(*c*) Leishman-Donovan bodies ...	41
(*iii*) Examination of faeces ...	1,800
(*iv*) Examination of sputa ...	1,100
(*v*) *Examination of Puncture Fluids*—	
(*a*) Cerebro-spinal fluid ...	900
(*b*) Pleural fluid ...	138
(*c*) Ascitic fluid ...	160
(*d*) Liver puncture fluid ...	2
(*vi*) Histological examination of tissues...	1,425
Total ...	9,898

II.—Bacteriological—

(*i*) Urine—	
(*a*) Cultural examination ...	120
(*b*) Cultural examination for M. tuberculosis ...	30
(*ii*) *Blood*—	
(*a*) Cultural examination ...	382
(*b*) Cultural examination for leptospira ...	35
(*c*) Brucella ...	4
(*d*) Leishmania ...	17
(*e*) Serological examination :—	
(1) Widal reaction ...	745
(2) Wassermann Reaction ...	407
(3) Kahn Test ...	8,352
(4) Weil-Felix Reaction ...	81
(5) Agglutination Test against leptospira	35
(6) Agglutination Test against Brucella group ...	39
(7) Paul Bunnel Test ...	31
(*iii*) Faeces—cultural examination ...	25
(*iv*) Faeces—Cultural Examination for M. Tuberculosis ...	2
(*v*) Sputum—Cultural Examination ...	6
(*vi*) Sputum—Cultural Examination for M. tuberculosis ...	35
(*vii*) *Puncture fluid-cultural examination*—	
(1) Cerebro-spinal fluid ...	365
(2) Cerebro-spinal fluid for M. tuberculosis ...	2
(3) Pleural fluid (Routine culture) ...	120
(4) Pleural fluid for M. Tuberculosis...	2
(5) Peritoneal Fluid (Routine Culture)	56
(6) Pericardial fluid for M.tuberculosis	2
(7) Fluid from nasal sinuses ...	6
(8) Other aspirated fluids (Routine Culture) ...	25
(9) Other aspirated fluids for M. tuberculosis ...	4
(10) Cultures of L. tropica and L. donovani ...	41
(11) Bacteriological examination of water ...	2
(*viii*) *Microscopic and cultural examination of*—	
(1) Pus ...	310
(2) Pus for tuberculosis bacilli ...	4
(3) Throat swab ...	286
(*ix*) Cultural Examination of Gastric contents for M. Tuberculosis ...	2
(*x*) *Examinations for the presence of micro-organisms.*—	
(1) Nasal secretions ...	40
(2) Urethral or cervical discharges ...	50
(*xi*) *Preparation of vaccines.*—	
(1) Autogenous vaccine ...	50
Total ...	11,693

III.—Biologic.

(1) Mantoux test ...	10
(2) Frei's test ...	107
(3) Casoni's test ...	2
Total ...	119

IV.—Biochemic.

(1) *Urine*:—	
Estimation of chemical constituen s.	
(*a*) Urea ...	7
(*b*) Chlorides ...	1
(*c*) Porphyrian Estimation ...	4
2(*a*) Determination of diastasic index ...	1
(*b*) Lead in urine ...	1
(*c*) Spectroscopic examination of urine	6
(*d*) Hippuric acid (liver function test)	7
(*e*) Bence Jones protein in urine ...	1
(*f*) Alkapton bodies ...	1
(*g*) Ascorbic acid test ...	1
(2) *Blood*—	
(1) *Determination of chemical constituents*—	
(*a*) Non-protein nitrogen ...	223
(*b*) Urea nitrogen ...	6
(*c*) Glucose (fasting level) ...	73
(*d*) Calcium ...	8
(*e*) Cholesterol ...	29
(*f*) Sulphanilamide content ...	28
(*g*) Inorganic phosphorous ...	4
(*f*) Uric acid ...	4
(2) *Other tests*—	
(*a*) Determination of Icterus index	253
(*b*) Blood sugar curve ...	21
(*c*) Van den Bergh reaction ...	236
(*d*) Aldehyde test ...	39
(*e*) Urea clerance test ...	6
(*f*) Takata-Ara test ...	20
(*g*) Serum Amylase ...	3
(*h*) Scrum Lipase ...	2
(*i*) Serum Diastase ...	1
(*j*) Plasma Ascorbic Acid Estimation ...	1
(*k*) Prothombin Time ...	8
(*l*) Fragility of red cells ...	11
(3) Analysis of stools (Estimation of fat) ...	1
(4) *Cerebro-spinal fluid*—	
Determination of chemical constituents—	
(*a*) Chlorides ...	121
(5) Cerebro-Spinal Fluid: Lango Colloidal Gold Test ...	10
(6) Examination of gastric contents (fractional method)	725
Total ...	1,850

(7)	Accitic Fluid: Takata Ara Test.	36
(8)	Calculus Analysis.	8
(9)	Aspirated Fluids: Test for Amylase.	4
	Test for Trypsin	1
(10)	Estimation of bile	1
	Total...	1,924.

263 autopsies were performed duringt the year 1945 as against 303 in 1944 and 460 in 1943. In majority of the cases the autopsies were performed on claimed bodies with the consent of the relatives. A detailed record of every autopsy together with the investigations carried out is filed up. The total number of 263 autopsies include the following, held on bodies received from other institutions specified below:—

Acworth Leper Home	...	15
Bai Jerbai Wadia Hospital for Children	...	1
Nowrosjee Wadia Maternity Hospital	...	11
Total	...	27

The records are carefully scrutinised and the preparation of an index in groups of thousand serial cases is continued. This index is useful for rapid reference of the records for an analysis and a study of deaths from different diseases at the hospital. A typed summery of the post-mortem findings is sent to the hospital for being attached to the case papers.

The following table gives the number of blocks prepared for histological examination from the post-mortem organs and the tissues received after surgical operations from 1st January 1945 to 31st December 1945, together with the comparable figures for the previous years:

Year.	Blocks of post-mortem organs.	Blocks of tissues from the surgical side of the K. E. M. Hospital.	Tissues received from the enquiries under the I. R. F. A. and from outside.	Total.
1945	1,634	1,425	—	3,059
1944	1,450	1,403	103	2,956
1943	1,456	986	300	2,742

Blood Bank.

No. of blood samples collected	...	848
No. of plasma samples separated	...	75
No. of blood samples supplied for transfusion	...	773

APPENDIX No. 20.

K. E. M. Hospital, Bombay.

Poor Box Charity Fund Statement of Accounts for the year 1945-46.

Receipts.				Disbursements.			
Particulars.			Amount. Rs. a. p.	Particulars.			Amount. Rs. a. p.
To balance in hand on 31-3-1945			428 5 0	By appliances such as cruteches, artificial limbs hernia belts etc.,			984 8 3
To balance with the Central Bank of India, Ltd.			14,651 0 7	By supply of costly meditines, injections, etc., to poor patients of the Hospital			31,386 15 0
To collections from out-door boxes			3,532 0 0	By blood transfusion charges			5,888 12 0
To collections from ward boxes			8,761 4 3	By spectacles to patients			388 0 0
To donations			14,617 8 6	By travelling expenses to patients, etc.			276 3 6
To Interest—				By printing and Stationery			104 5 0
	Rs. a. p.			To establishment charges			960 0 0
1/3 Interest due on securities for the year 1944-45	1,517 13 0			By miscellaneous expenses			793 1 9
1/3 Interest due on donations, etc., for the year 1945-46	2,634 1 0			By amount of donation from Mr. V. H. Hazart refunded to Seth. G. S. M. College as per donor's wishes for fourding a scholarship			1,000 0 0
	4,151 14 0			By purchase of securities:—			
Less—Interest to be recovered from C. A. for 1945-46	2,603 10 0			(1) 3½% G. P. Notes 1865 of the face value of	Rs. 5,000		
		1,548 4 0		(2) Do. 1900-01 do.	„ 10,000		
To Miscellaneous Receipts		568 13 4		(3) Do. 1842-43 do.	„ 10,000		
To collections on account of medical certificates		3,949 8 0				25,668 8 3	
To part-payment for spectacles		173 0 0					
To contributions towards costly injections, blood trnsfusion, artificial limbs, etc.		21,048 12 0		By investments by the Chief Accountant, Bombay Municipality, out of the amount of 2/3 interest accrued on Convalescent Home Fund :—			
To sale of Hospital Pharmacopoeia, 3rd edition		1,312 4 0		(1) 3% Municipal Debentures of the face value of	Rs. 4,600		
To amount accrued on the securities of the Convalescent Home by way of interest collected by way ofinterest collected by C. A. from time to time	8,657 4 8			(2) 3½% Do. do. do.	„ 1,600		
Less—Bank Commission	8 7 0			(3) 3½% G. P. Notes do. do.	„ 2,100		
		8,648 13 8				8,356 9 6	
				Bay cash in hand on 31-3-1946		277 15 3	
To excess of receipts over payments in the Deposit Account		222 14 0		By balance with the Central Bank of India, Ltd.		3,085 5 5	
				By cash with the Chief Accountant on 31-3-1946		292 4 2	
	Total	79,462 7 4			Total	79,462 7 4	

Balance Sheet of the Poor Box Charity Fund, K. E. M. Hospital as on 31st March 1946.

Liabilities.					Assets.				
		Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Fund account Balance on 31st March 1945	...	1,69,551	7	4						
Receipts by adjustment from the Chief Account, Bombay Municipality.		8,648	13	8						
		1,78,200	5	0						
Add—Excess of receipts over expenditure during 1945-46.	...	13,729	9	4						
					1,91,929	14	4			
Deposit Account :—										
Patients' money	...	369	14	3						
Moiety amount of Resident Medical Officers.	...	26	0	0						
Miscellaneous deposit	...	5	0	0						
					400	14	3			

LEGAL.

"Subject: *Administration Report for the year 1945-46.*

During the year under review I held the charge of this Department.

This department has been attending to the following work :—

(1) Police Court Cases; (2) Small Causes Court suits including References; (3) High Court matters including Appeals and Revision Applications; (4) Attendance before Public Officers; (5) Conveyancing matters, such as Sale Deeds, Leases, Agreements, etc.; (6) Advices and Opinions including advice on documents; (7) Amendments of Municipal Act; (8) Assessment Appeals.

During the year under Report 5251 files were received from different departments, 2554 letters were written to outside parties or their Legal advisers, opinions in various departmenfal matters and advices on 122 documents were given.

58 High Court suits, 12 High Court Revision Applications, 3 High Court Criminal Appeals; 35 Small Causes Court suits, 2 Small Causes Court References, 66 Police Court Cases, 1 Application before the Commissioner, Workmen's Compensation and 40 Assessment Appeals were attended to as against 47 High Court Suits, 1 High Court Civil Appeal; 3 Revision Application 46 Small Causes Court Suits, 26 Police Court Cases and 51 Assessment Appeals, respectively of the last year.

38 Conveyances, 6 Agreements, 3 Declarations, and Indemnities, 17 Temporary Agreements, Leases etc., 98 Leases, 21 Surrenders of Leases, 67 Licenses to Assign and other documents were completed.

MANBHOY B. MANIAR,
Legal Assistant.

EDUCATIONAL.

THE SCHOOLS COMMITTEE OF THE BOMBAY MUNICIPALITY.

Subject : *Administration Report for the year 1945-46.*

The Committee's personnel.

The Schools Committee, at the end of the year 1944-45 consisted of the following Members :—

1. Mr. N. S. Kairolkar, (*Chairman*).
2. Mr. Z. J. Chowdhery.
3. Mr. M. V. Donde, B.A.
4. Mr. Y. K. Khadilkar.
5. Mr. B. M. Khandray.
6. Mrs. Kantaben D. Khandvala, B.A.
7. Mrs. Lilavati K. Munshi, M.L.A.
8. Mr. Salebhoy A. Kader.
9. Mr. P. K. Sawant, B.A., LL.B.
10. Mr. Kashiprsad Singh.
11. Dr. Mrs. Malini B. Sukthankar, M.B.B.S., J.P.
12.* Mrs. Lilavati V. S. Yelinkar, M.A.
13.* Mr. B. B. Vyas, M.A., LL.B.
14.* Mr. A. A. Baigmahomed.
15. Mrs. Khadija Shuffi Tyabji, M.L.A., J.P.
16.* Mr. P. R. Lele, B.A., LL.B.

Under Section 39(4) (*bb*) of the Municipal Act, eight of these members retired from office on the first day of April 1945, and under Section 39 (4) (*c*) of the Act, their places were filled up by the Municipal Corporation from the same date. Out of the eight Members who retired, three were re-appointed, all of them being Councillor Members. The Committee thus formed for the year 1945-46 consisted of the following Members :—

1. Mr. A. A. Baigmahomed.
2.* Mr. B. B. Vyas, M.A., LL.B.
3. Mr. B. M. Khandray.
4. Mr. Fatekhan A. Munshi.
5. Mr. Kashiprasad Singh.
6. Mrs. Lilavati K. Munshi, M.L.A.
7.* Mrs. Maniben Nanubhai Desai, G.A.
8. Mr. M. V. Donde, B.A.
9. Mr. Mirza Akhtar Hassan, B.A., LL.B.
10. Mr. N. S. Kairolkar.
11. Mr. P. K. Sawant, B.A., LL.B.
12.* Mr. P. R. Lele, B.A., LL.B.
13. Mr. Salebhoy A. Kader.
14.* Mrs. A. A. Baigmahomed.
15. Mr. V. R. Tulla, B. Ag.
16. Mr. Y. K. Khadilkar.

The Committee for the year 1945-46, at their Meeting held on 11th April 1945, elected Mr. Salebhoy Abdul Kader, to be their Chairman for the year.

Mr. N. S. Kairolkar resigned his seat on the Schools Committee from 6th April 1945. The vacancy was filled up by the Corporation by electing Mr. Ganpatishankar N. Desai, from 19th April 1945. There was no other change in the personnel of the Committee during the rest of the year.

Miss Kapila T. Khandvala, B.A., B.T. (Hon.), M.A., (U.S.A.), Secretary, Schools Committee, was on leave during the year under report, from 7th September 1945 to 21st October 1945. Miss S. Dallas, M.A., Superintendent, Gujarati Girls' Schools, officiated as Secretary, Schools Committee, during the period of leave of the permanent Secretary.

Meetings.

2. The Committee held in all 79 Meetings during the year. The number of Meetings of the various Sub-Committees held during the year was 34.

Municipal Schools and Pupils

3. During the year under report the number of pupils in Municipal Schools increased from 1,18,646 to 1,20,713. This increase in the number of pupils was largely due to the vigorous propaganda work carried out during the year, with a view to bringing in as many children of school-going age to our schools, as possible. The propaganda work included mass meetings held in educationally backward localities and house to house visits by teachers and peons. Two such drives were launched during the year, one in the month of August 1945 and the other in the month of January 1946. 54 propaganda meetings in addition to 52 Parents' gatherings were held in different parts of the city to persuade the parents and guardians of the non-attending children of compulsory age to send their wards to Municipal Schools. Many Members of the Schools Committee as also those of the Corporation took an active part in these Meetings. Members of the public also lent their active co-operation and hearty support. The detailed figures of the schools and pupils for the year under report together with those of the previous year are given in the following statement :—

Class of Schools.	No on 31st March 1945.		No. on 31st March 1946.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi Boys' ..	106	47,415	107	47,491
Marathi Girls' Schools ..	69	28,759	69+1 Class.	29,274
Total ..	175	76,174	176+1 Class.	76,765
Gujarati Boys' Schools ..	47+3 Classes.	9,855	47+3 Classes.	10,379
Gujarati Girls' Schools ..	26+4 Classes.	7,777	26+4 Classes.	8,637
Total ..	73+7 Classes.	17,632	73+7 Classes.	19,016
Urdu Boys' Schools ..	53+14Classes.	11,461	53+14 Classes.	11,138
Urdu Girls' Schools ..	42+1 Class.	7,111	42+1 Class.	7,085
Total ..	95+15 Classes.	18,572	95+15 Classes.	18,223
Tamil, Telegu, Kanarese, Malayalam, etc., Schools ..	16	1,574	16	1,706
Hindi Schools ..	27	4,083	28	4,234
English Primary Schools ..	3+1 Class.	611	4+1 Class.	769
Total ..	46+1 Class.	6,268	48+1 Class.	6,709
Grand total of all Municipal schools	389+23 Classes.	1,18,646	392+24 Classes.	1,20,713

* Non-Councillor Members.

4. The total number of teachers, permanent and non-permanent as on 31st March 1946, was as under:—

Teachers in Municipal Schools.

Ordinary permanent teachers	..	2,559
Ordinary non-permanent full time teachers	..	989
Ordinary non-permanent part-time teachers	..	..
Special teachers	..	127
		3,675

5. The number of pupils in Aided Schools rose during the year under review, from 42,464 to 46,476.

Aided Schools and pupils. number of Aided Schools and pupils in them will be seen from the following statement:—

Class of Schools.	On 31st March 1945.				On 31st March 1946.			
	No. of Schools.	Boys.	Girls.	Total.	No. of Schools.	Boys.	Girls.	Total.
Marathi Schools—								
Boys' Schools ..	34	3,162	1,880	5,042	35	3,251	2,029	5,280
Girls' Schools ..	3	226	492	718	3	239	493	732
Night Schools ..	..	..	..	..	..	..	..	..
Total ..	37	3,388	2,372	5,760	38	3,490	2,522	6,012
Gujarati Schools—								
Boys' Schools ..	72	10,575	3,902	14,477	74	11,299	4,119	15,418
Girls' Schools ..	22	648	3,830	4,478	23	656	4,095	4,751
Night Schools ..	3	112	..	112	3	113	1	114
Total ..	97	11,335	7,732	19,067	100	12,068	8,215	20,283
Urdu Schools—								
Boys' Schools ..	17	2,204	955	3,159	17	2,210	967	3,177
Girls' Schools ..	4	..	884	884	4	..	888	888
Night Schools ..	2	257	..	257	2	247	..	247
Total ..	23	2,461	1,839	4,300	23	2,457	1,855	4,312
English teaching Schools—								
Boys' Schools ..	20	4,829	1,914	6,743	22	6,709	2,102	8,811
Girls' Schools ..	8	300	2,385	2,685	9	306	2,572	2,878
Total ..	28	5,129	4,299	9,428	31	7,015	4,674	11,689
Hindi, Sindhi, South Indian, etc., Schools.								
Boys' Schools ..	9	1,496	567	2,063	9	1,452	634	2,086
Girls Schools ..	2	..	511	511	2	..	518	518
Night Schools ..	4	620	34	654	4	872	36	908
Total ..	15	2,116	1,112	3,228	15	2,324	1,188	3,512
Grand Total ..	200	24,429	17,354	41,783	207	27,354	18,454	45,808
Special Institutions ..	4	351	330	681	4	339	329	668
Grand Total ..	204	24,780	17,684	42,464	211	27,693	18,783	46,476

Besides the Aided Schools there are also other schools which are recognised, but do not receive grant in-aid from the Schools Committee. The number of such schools, the number of pupils in them as on 31st March 1945 and 31st March 1946 are given below:—

Class of Schools.	On 31st March 1945.				On 31st March 1946.			
	No. of Schools.	Boys'.	Girls'.	Total.	No. of Schools.	Boys.	Girls.	Total.
Recognised Schools—								
Boys Schools ..	12	2,369	486	2,855	12	1,998	650	2,648
Girls' Schools ..	5	66	402	468	6	128	618	746
Total ..	17	2,435	888	3,323	18	2,126	1,268	3,394

Teachers in the Aided Schools.

6. The total number of full-time and part-time teachers in Aided Schools at the end of the year was 2,039 as against 1.904 of the previous year, the particulars being as under :—

	Full-time Teachers.			Part-time Teachers.		
	Men.	Women.	Total.	Men.	Women.	Total.
On 31st March 1945—						
Ordinary Teachers ..	551	765	1,316	85	57	142
Special Teachers ..	24	29	53	255	138	393
Total ..	575	794	1,369	340	195	535
Grand Total ..			1,904			
On 31st March 1946—						
Ordinary Teachers ..	606	900	1,506	58	48	106
Special Teachers ..	23	20	43	226	158	384
Total ..	529	920	1,549	284	206	490
Grand Total ..			2,039			

Grants to Aided Schools.

7. The total amount of grants paid this year was Rs. 3,29,014 as against Rs. 2,81,975 paid in the previous year.

Total Expenditure and Cost per pupil in Aided Schools.

8. The total expenditure incurred by the Aided Schools as stated by them, amounted to Rs. 22,96,954. The average number of pupils on rolls in Aided Schools during the year was 46,001 and on the basis of this number the cost per pupil in these schools works out to Rs. 49.9 as against Rs. 42.7 in the previous year. The cost per pupil to the Municipality by way of grants comes to Rs. 7.5 as against Rs. 6.9 in the previous year.

Visits to Schools.

9. The Secretary and other supervising officers paid visits to schools both Municipal and Aided, as usual.

Free and Compulsory Education.

10. The Census of non-attending children of Compulsory age, which had to be held back for the past two years for want of favourable circumstances, was taken this year in the month of March 1946 and a number of 14,876 such non-attending children was recorded. It was not possible, however, to print and publish their names in Registers specially meant for the purpose.

All efforts to bring non-attending children of compulsory age to Municipal Schools were continued to be made as stated already in paragraph 3, by Propaganda work. Teachers of Municipal Schools at different times during the year took rounds in educationally backward areas of this City and by moving from house to house induced parents to send their wards to the schools. Furthermore, the agency of part-time peons was employed throughout the year, whose main job was to stabilise attendance of children already on rolls and to bring more children of school-going age. The result of all these efforts is reflected in a steady rise in the number of pupils on rolls by over 2,000 this year.

As in the previous year, the accute shortage of housing accommodation was felt equally hard this year and the system of holding schools in two sessions introduced last year, had to be continued in this year also. About 41,000 pupils of the Infant Classes and Standard I had to be thus accommodated in the Fore-Noon Session for want of space. The hours of instruction in such cases were curtailed to three per day.

Income and Expenditure

11. The year under report opened with a balance of Rs. 20,000 as usual. The total amount at the disposal of the Schools Committee was Rs. 60,62,123-4-9 as shown below :—

Opening Balance.	Municipal Grant.	Other Miscellaneous Receipts.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
20,000 0. 0	60,07,226 14 7	34,896 6 2	60,62,123 4 9

The total expenditure for the year, excluding the expenditure on the Head Office which is met from the General Municipal Fund, amounted to Rs. 60,42,123-4-9 leaving a closing balance of Rs. 20,000-0-0. The details of the receipts and expenditure for the year under report will be found in Appendix A.

Expenditure on the Head Office.

12. The expenditure on the Schools Committee's Head Office which is paid out of the General Municipal Fund was Rs. 70,545-11-6 for the year. The staff of this office consists mainly of Secretarial, Accounts, Correspondence and Record Branches of the Department.

Government Grant on the cost of Primary Education.

13. The Grant paid by the Government to the Municipality towards Primary Education in the City during the year amounted to Rs. 9,68,853 which included the amount of Rs. 23,853 meant for the English teaching aided Schools, the control of which was transferred by Government to the Schools Committee from the year 1943-44.

Average cost per pupil.

14. The average cost per pupil in the Municipal Schools calculated on the numbr of pupils on rolls (1,20,713) on the last day of the year, was Rs. 47.11. The figure for the previous year was Rs. 42.2. The average number of pupils on rolls during the whole year was, 1,18,570 and calculated on the basis of that figure the cost per pupil works out to Rs. 48.04 as against Rs. 46.7 for the previous year. If the expenditure on the Head Office be also taken into account, the corresponding figures for the year under report calculated on the number of pupils on rolls on the last day of the year and on the average number of pupils on rolls—throughout the year will be Rs. 47.77 and Rs. 48.64 respectively. The increase in the cost per pupil during the year can be attributed to two main reasons among others, *viz.*, (1) granting of grades to teachers according to their qualifications together with the benefit of adjusted salaries in pursuance of the policy of having as many trained teachers in the department as possible and removal of the former rule of having to adhere to the fixed proportion of trained and untrained teachers, and (2) the enhanced rate of Dearness Allowance paid to all employees of the department during the year.

The following table will show at a glance, the average cost per pupil during the year under report together with the corresponding figures for the previous year :—

	Expenditure per pupil for	
	1944-45.	1945-46.
	Rs.	Rs.
(*a*) According to the number of pupils on rolls (1,18,646) on 31-3-1945 ..	42.2	
Do. do. (1,20,713) on 31-3-1946 ..		47.11
(*b*) According to the average number of pupils on rolls (1,07,362) for the whole year 1944-45.	46.7	
Do. do. (1,18,570) for the whole year 1945-46.		48.04
(*c*) As per (*a*) above, *plus* expenditure on the Head Office for the year 1944-45 ..	42.9	
Do. do. for the year 1945-46 ..		47.77
(*d*) As per (*b*) above, *plus* expenditure on the Head Office for the year 1944-45 ..	47.4	
Do. do. for the year 1945-46 ..		48.64

Audit of the Accounts.

15. The staff of the Chief Auditor's Establishment, stationed in the Schools Committee's Office, for auditing the School Fund Accounts carried on their work as usual and suggestions made by them were attended to by the Accounts Department of this Office.

Boy Scouts.

16. Mr. M. V. Donde, B.A., District Commissioner, and Mr. M. M. Killedar, M.L.A., J.P., Mr. R. K. Achrekar and Mr. P. K. Sawant, B.A., LL.B., Assistant District Commissioners of the Municipal Boy Scouts continued to hold their respective offices during the year under report. The number of troops and packs at the end of the year was 61 and 108 respectively and that of Scouts and Cubs was 1,838 and 3,205 respectively. The Annual Rally of the Municipal Boy Scouts and the Prize Distribution Ceremony of their Annual Sports was held on the Gilder Tank Maidan on 20th March 1946 under the presidentship of Sjt. S. K. Patil. All other functions and their usual activities were carried out during the year by the Municipal Boy Scouts quite vigorously. The Municipal Scouters and Scouts also rendered valuable assistance in organising meetings in different parts of the City at the time of Propagada Drives launched twice during the year for bringing in children of school-going age to Municipal Schools. They were also of great help in organising and doing volunteer work at other functions of the Municipal School children during the year, namely the Annual Sport, Handiscarfts Exhibition and the Health Day. The Assistant Organising Commissioner, Municipal Boy Scouts was deputed to represent the Bombay Municipal Scouts Association at the Camp Directors' Conference held at Poona in July 1946, specially convened to recast the curriculum of Provincial Scouts.

The Welfare Centre at Kasarwady (Taikalwady) for the benefit of the residents (most of whom belong to the scheduled classes) of the locality was also run by the Boy Scout Department, as in the previous years. The activities of this centre consist of (*i*) night classes for teaching English, Marathi and Gujarati to adults, (*ii*) a Reading Room, (*iii*) a gymnasium, (*iv*) games, (*v*) excursions, (*vi*) sanitation and health propaganda etc. The expenses of the Welfare Centre are met out of a grant of Rs. 75 per month received from Municipal Funds under a special sanction granted by the Standing Committee. This grant is found very meagre, however, in view of the all round increase in prices, for carrying out fully all the activities of the centre as outlined above.

Girl Scouts.

17. Mrs. Khadija Shuffi Tyabji, M.L.A., J.P., continued as District Commissioner of the Municipal Girl Scouts during the year. The total number of Girl Scouts and Bulbuls at the end of the year was 4,663 out of whom 1,235 were Girl Scouts and the remaining were Bulbuls. The number of Girl Scout companies was 48 and that of Bulbul Flocks was 111. The normal activities of the year were vigorously carried out and all the functions including the Annual Rally and Prize Distribution Ceremony were successfully held. The Girl Scouters and Girl Scouts rendered very valuable assistance in organising and doing volunteer work at all meetings, functions etc., held during the year in respect of Municipal School children.

Teaching of Hindustani in Municipal Schools.

18. The teaching of Hindustani introduced in the previous year was further expanded during the year under report. More batches of teachers were trained for the purpose at the two classes opened, one at Gilder Tank Building and the other newly opened at Khetwadi in March 1946. Instructors in Hindustani were specially appointed at these two classes to coach batches of Municipal teachers for equipping them with the requiste knowledge of Hindustani and the method of teaching the same to pupils of Upper Primary Standards of Municipal Schools (except the Urdu and Hindi Schools). The programme thus launched last year, made much headway during the year under review, under the direction of the Organiser for Hindustani teaching.

Central Schools.

19. The following number of pupils were receiving instruction in vocational subjects at the Central Schools maintained by the Schools Committee, for the teaching of these subjects :—

Subject.	No. of pupils.
Carpentry ..	491
Tailoring ..	185
Clock-repairing ..	61
Sign-board painting ..	30
Book-binding ..	58
Printing ..	49
Total ..	874

The number of pupils from Central Schools who appeared for the carpentry examination was 139, and 121 out of them were successful. 69 out of 81 pupils who appeared from the Municipal Tailoring Classes for the Government Examinations came out successful. The annual Handicraft Exhibition was held from 23rd March 1946 to 28th March 1946 and the sale proceeds of articles disposed of at the Exhibition amounted to Rs. 2,500. Much difficulty was experienced during the year, owing to various controls and other restrictions, in securing the requisite materials and supplying the same to different classes teaching vocational subjects.

The R. C. Training Institute.

20. The following number of ladies were under training in the classes of the Rahimtoola Currimbhoy Urdu Training Institute during the year under report.

Class.	No. of girl stipendiaries.	No. of teachers on deputation.	Total No. of pupils.
Junior 1st Year Class ..	12	..	12
Senior 1st Year Class ..	14	1	15
Total ..	26	1	27

The results of the examinations held in the year 1946 are given below :—

JUNIOR 1ST YEAR.		SENIOR 1ST YEAR.	
No. appeared.	No. passed.	No. appeared.	No. passed.
12	12	14	6

Marathi Women Teachers' Training Class.

21. The Training Class for Marathi Women teachers continued to run at Byculla during the year under report and had 41 pupils on its rolls. 32 of them got through at the Annual Examinations held in the year 1946.

Annual Sports.

22. The Annual Sports for pupils in Municipal Schools were held, as in the previous year, in combined groups of schools, *i.e.*, Marathi, Gujarati, Hindi and Urdu together, on several playgrounds in different parts of the City. The final prize distribution of the Sports was held in March 1946 at the Damodar Thakarsey Hall Playground at Parel, under the presidentship of Mr. Salebhoy Abdul Kader, Chairman, Schools Committee. "The Municipal Commissioner's Cup," donated last year by Mr. U. M. Mirchandani, B.A., I.C.S., J.P., was reserved this year for the Girls' Schools.

The Local Committees.

23. The seven Ward Local Committees consisting of some Members of the Corporation and some members of the public taking interest in educational matters carried on their usual work during the year under report. Many suggestions made by them with regard to working of schools in their respective wards were carried out as far as possible. The A and C Ward Committees also organised elocution competitions for pupils of the Upper Primary and Central Classes. Prizes were distributed by the C Ward Local Committee at a function held in December 1945.

The Municipal Teachers' Library.

24. During the year under report, the stock of books in the library was further replenished by the addition of some 1,700 new books of interest on a variety of subjects in diefrent languages. This contributed to the popularity of the library and more teachers evinced keener interest. The total number of books issued to teachers during the year was 12,817.

The Employees' Co-operative Credit Society.

25. The Schools Committee's Employees' Co-operative Credit Society, Ltd., carried on its business on a progressive scale during the year under report. This society besides granting loans, keeps savings accounts also for its members and has an arrangement under which its members can take out Life Insurance Policies, the premia of which are paid by the Society in the first instance and are recovered by small monthly instalments from the salaries of the insured members.

Miscellaneous.

26. (*a*) Free cinema shows for teachers and children were given in the months of April, June and August at different theatres, the St. Xavier's School Hall and the B. E. S. T. Conference Hall. Valuable help was given in these shows by the United States Office of War Information in lending films, machine, staff, (*b*) Parents' Day celebrated in 52 schools brought parents and teachers in closer contact than before, (*c*) Considerable planning work for improvement in schools was undertaken. Frequent meetings of the staff tackled the problems of teachers' diaries, progress registers and cards, school registers, equipment for the new curriculum, the common P.S.C. examination, the examination system for other classes, etc.

School premises allowed for Milk Centres.

27. Permission for opening many more milk distributing centres, both morning and evening—in various parts of the City, in the Municipal School premises were given during the year under report. The work in this office arising out the Subsidized Milk Scheme Centres—working in the Municipal School premises all over the City, increased considerably and an establishment of two clerks for this office was sanctioned by the Municipal Commissioner. Two clerks were accordingly appointed in this office from 21st December 1945 to look after the work pertaining to the Scheme.

Appreciation of work done by the staff.

28. In conclusion, the Schools Committee place on record their appreciation of the services rendered by the officers, clerks, teahers and the inferior staff in their Department, during the year under report.

BOMBAY *10th September 1946.*

S. DALLAS,
Ag. Secretary, Schools Committee.

APPENDIX 'A'

THE BOMBAY MUNICIPAL SCHOOLS COMMITTEE.

Income and Expenditure Account of the School Fund for the year 1945-46.

Receipts.	Rs. as. p.	Expenditure.	Rs. as. p.	Rs. as. p.
Balance on 1st April 1945, ...	20,000 0 0	A-Schools.—		
Fees from Municipal Schools ...	26,584 0 0	1 Headmasters and Teachers ...	28,51,364 10 6	
Contribution from General Municipal Fund	60,07,226 14 7	1A Training Institutions	15,653 8 3	28,67,018 2 9
Interest on Endowment and Trust Funds ...	5,624 12 2	2 Servants ...		2,77,748 8 0
Miscellaneous Receipts ...	2,687 10 0	3 Rent of School Premises ...		5,.6,293 11 4
		4 Class Books ...		5,632 7 6
		5 Furniture for Schools ...		5,602 3 0
		6 Prizes ...		4 8 0
		7 Contingencies and Miscellaneous ...		1,67,879 2 11
		8 Stipends to students under training ...		4,725 14 0
		9 Superintendents & their Establishments		1,53,226 4 9
		10 Grant-in-aid to Primary Schools ...		3,29,0.4 0 0
		11 Teachers' Library & Museum ...		4,470 8 3
		12 Medical Inspection & Clinical Department ...		...
		13 Superintendent, Aided Schools ...		16,289 11 0
		14 Census Establishment ...		41,341 1 3
		15 Pension Gratuity, & Compassionate Allowance ...		1,65,335 6 0
		16 Municipal Share towards Provident Fund ...		2,81,602 9 0
		B.—Buildings.—		11,545 8 0
		C.—Public Libraries ...		...
		D.—Dearness Allowance ...		11,49,326 11 0
		Balance on 31st March 1946 ...		20,000 0 0
Total ...	60,62,123 4 9	Total ...		60,62,123 4 9

S. D. TENDULKER
Ag. *Superintendent of Accounts.*

K. KHANDVALA,
Secretary, Schools Committee.

APPENDIX 'B'.

THE BOMBAY MUNICIPAL SCHOOLS COMMITTEE.

Balance Sheet as on 31st March 1946.

Liabilities.	Rs. as. p.	Rs. as. p.	Assets.	Rs. as. p.	Rs. as. p.
Advances from the Chief Accountant.			*Investment and securities.* (vide Schedule No. 2).		
On account of Municipal contribution ...	55,233 1 9		On account of Trust, Scholarship and Prize Fund (as per contra) ...		2,11,029 5 6
		55,233 1 9	*Advances.*	Rs. a. p.	
Deposit Accounts.			To Heads of schools (for contingency)	3,761 3 0	
Miscellaneous ...	37,149 10 9		To officials (vide Schedule No. 3) ...	539 0 0	
Unclaimed wages, of schools 23,600 2 3			To Garrison Engineer for water charges ...	5 0 0	
Unclaimed wages, of office 1,203 2 0	24,803 4 3				4,305 3 0
Unclaimed Rent ...	4,848 0 0				
Contractors ...	43,950 0 0		*Bank and Cash Balances.*		
Employees Income-tax Recoveries ...	4,313 1 0		Balance at Imperial Bank	1,60,791 6 8	
C. C. Bank-Recoveries ...	1,269 3 0		Cash in Office Treasury	1,731 14 3	
Court attachment recoveries ...	3 0 0	76,736 3 0			1,62,523 4 11
Trust Scholarships and Prize Funds (vide Schedule No. 1).					
Investments as per contrac ...	2,11,029 5 6				
Cash ...	14,859 3 2				
		2,25,888 8 8			
Balance (Statutory) ...		20,000 0 0			
Total ...		3,77,857 13 5	Total ...		3,77,857 13 5

S. D. TENDULKER,
Ag. *Superintendent of Accounts.*

K. KHANDVALA,
Secretary, Schools Committee.

APPENDIX B.

SCHEDULE No. 1.

Details of Trust Scholarships and Prize Funds.

Serial No.	Names of the Funds.	Investments.	Interest & cash.	Total.
		Rs. as. p.	Rs. as. p.	Rs. as. p.
(1)	Donations, re: scholarships to Urdu Girls' Schools	...	194 9 0	194 9 0
(2)	Harkisondas Brijlal Prize Fund ...	600 0 0	44 7 6	644 7 6
(3)	Dr. Blaney Prize Fund ...	1,283 13 6	148 0 7	1,431 14 1
(4)	Madhavdas Raghunathdas Prize Fund ...	500 0 0	51 8 0	551 8 0
(5)	Jivkore Lallubhai Scholarship and Prize Fund ...	8,413 8 0	1,137 2 1	9,550 10 1
(6)	Bachubai S. Bengali Prize Fund ...	1,200 0 0	97 12 0	1,297 12 0
(7)	Lady Hardinge Prize Fund ...	1,582 6 0	179 13 9	1,762 3 9
(8)	R. S. Taki Scholarship and Prize Fund ...	1,100 0 0	132 13 0	1,232 13 0
(9)	War Loan Prize Fund ...	4,400 0 0	356 0 0	4,756 0 0
(10)	Rambhabai Laldas Prabhudas Scholarship and Endowment Fund ...	10,000 0 0	200 0 0	10,200 0 0
(11)	Permanand Raja Endowment Fund ...	13,800 0 0	...	13,800 0 0
(12)	Valibai Vallabhdas Endowment Fund ...	29,000 0 0	...	29,000 0 0
(13)	Nagardas Raghunathdas Scholarship and Endowment Fund ...	23,000 0 0	200 0 0	23,200 0 0
(14)	Navalbai Raghunathdas Scholarship Fund ...	2,800 0 0	310 2 8	3,110 2 8
(15)	Madhavrao Rokde Free School Endowment Fund	27,506 4 0	293 12 0	27,600 0 0
(16)	N. G. Welinkar Scholarship and Prize Fund ...	10,432 0 0	136 6 5	1,179 8 5
(17)	Jairajbhoy Peerbhoy Girls' School Trust Fund ...	2,400 0 0	...	2,400 0 0
(18)	Thakkar Peraj Padamsi Endowment Fund ...	8,000 0 0	30 0 0	8,030 0 0
(19)	Parvatibai Dwarkadas Prize Fund ...	200 0 0	18 1 0	218 1 0
(20)	Golden Jubilee of the S. S. Bengali School Trust Fund ...	4,900 0 0	741 14 6	5,611 14 6
(21)	Seth Dwarkadas Tribhuwandas, J.P., Garba Party Lahani Fund ...	5,500 0 0	400 15 3	5,900 15 3
(22)	Ratansi Mulji Scholarship and Endowment Fund	10,000 0 0	200 0 0	10,200 0 0
(23)	Manekbai Ratansi Prize Fund ...	1,000 0 0	79 0 0	1,079 0 0
(24)	Seth Dwarkadas Tribhuwandas, J.P., Prize Fund	3,000 0 0	238 15 9	3,238 15 9
(25)	Rahimtoola Currimbhoy Training Institute for Women Scholar-ship Fund ...	18,000 0 0	7,738 14 1	25,738 14 1
(26)	Padmabai Quran Shariff School Trust Fund ...	6,500 0 0	...	6,500 0 0
(27)	Jeshtaram Premji Gujarati School Trust Fund ...	9,100 0 0	...	9,100 0 0
(28)	Bai Gulabbai H. Shah Prize Fund ...	900 0 0	143 15 3	1,043 15 3
(29)	Khurshedbai D. Wadia Prize Fund ...	500 0 0	59 12 0	559 12 0
(30)	S. B. Pendurkar Prize Fund ...	600 0 0	123 8 1	723 8 1
(31)	S. S. Bengali Gujarati Girls' School Trust Fund	97 10 0	9 4 4	106 14 4
(32)	H. G. Anjaria Memorial Fund ...	1,200 0 0	359 15 0	1,559 15 0
(33)	Anandibai Keskar Dadar Kumbharwada Marathi Girls' School Trust Fund. ...	100 0 0	10 8 0	110 8 0
(34)	Municipal Gulabbai Central Gujarati Kanyashala Diamond Jubilee Memorial Fund ...	5,200 0 0	544 10 1	5,744 10 1
(35)	Vishnupant Pagnis Memorial Fund ...	1,500 0 0	153 12 0	1,653 12 0
(36)	Behn Manjula Daughter of Ramdas Madhavji Memorial Fund ...	2,500 0 0	218 2 0	2,718 2 0
(37)	Nowrozji Sorabji Bengalee Prize Fund ...	1,953 12 0	184 1 2	2,137 13 2
(38)	Bai Kashibai Itchhashankar Joshi Prize Fund ...	1,148 14 0	121 7 8	1,270 5 8
(39)	Limaye Prize Trust Fund ...	500 0 0	...	500 0 0
	Total ...	2,11,029 5 6	14,859 3 2	2,25,888 8 8

S. D. TENDULKER,
Ag. *Superintendent of Accounts.*

K. KHANDVALA,
Secretary, Schools Committee.

SCHEDULE No. 2.

Details of Investments in Government, etc., paper deposited with the Imperial Bank of India.

Particulars.	Face value.	Book value.
	Rs.	Rs. as. p.
3½ per cent. Government Loan (1879) ...	1,000	1,000 0 0
Do. (1842-43) ...	41,300	41,243 2 0
Do. (1854-55) ...	9,700	9,697 10 0
Do. (1900-01) ...	21,400	21,400 0 0
Do. (1865) ...	8,500	8,467 4 0
4½ per cent. Govt. Loan, (1955-60) ...	12,600	12,600 0 0
4 per cent. Bombay Municipal Debentures (1963-65) ...	2,500	2,500 0 0
4 per cent. Bombay Municipal Loan 70 lacs (1974) ...	29,000	29,000 0 0
6 per cent. Bombay Municipal Loan 160 lacs (1954) ...	35,000	35,000 0 0
6 per cent. Bombay Municipal Loan 40 lacs (1930) ...	500	500 0 0
4 per cent. B.P.T Bonds (1950-60) ...	24,500	24,500 0 0
3 per cent. Govt. loan 1896-97 ...	1,300	1,148 14 0
3 per cent. 1st Development Loan (1970-75) ...	22,300	21,972 7 6
4½ per cent. Ghatkopar-Kirol Municipal Debentures. ...	1,000	1,000 0 0
10 shares of Rs. 100/- each of theAhmedabad Commercial Mills, Co. Ltd.	1,000	1,000 0 0
Total ...	2,11,600	2,11,029 5 6

S. D. TENDULKER,
Ag. *Superintendent of Accounts.*

K. KHANDVALA,
Secretary, Schools Committee.

SCHEDULE No. 3.

Details of Advances to Officials.

Serial No.	Name.	Amount.
		Rs.
1	Secretary, Schools Committee ...	250
2	Superintendent, Aided Schools ...	40
3	Special Attendance Officer ...	30
4	In-charge Teacher Painting Class ...	21
5	Assistant Organising Commissioner, Boy Scouts ...	20
6	Headmaster, Bhuleshwar Gujrati School Printing Class ...	20
7	Headmaster, Foras Road Marathi School Binding Class ...	18
8	Headmistress, R. C. Training Institute ...	15
9	Supervisor, Handicrafts & Stores ...	15
10	Librarian, Teachers' Library ...	15
11	Assistant Organising Commissioner, Girl Guides ...	10
12	Clerks A, B C D E F & G Ward Local Committees ...	35
13	In-charge Teacher, Clock Repairing Class ...	10
14	Organiser for Hindustani ...	30
15	Headmistress, Imamwada Urdu Girls' School ...	10
	Total ...	539

S. D. TENDULKER,
Ag. *Superintendent of Accounts.*

K. KHANDVALA,
Secretary, Schools Committee.

PART II.

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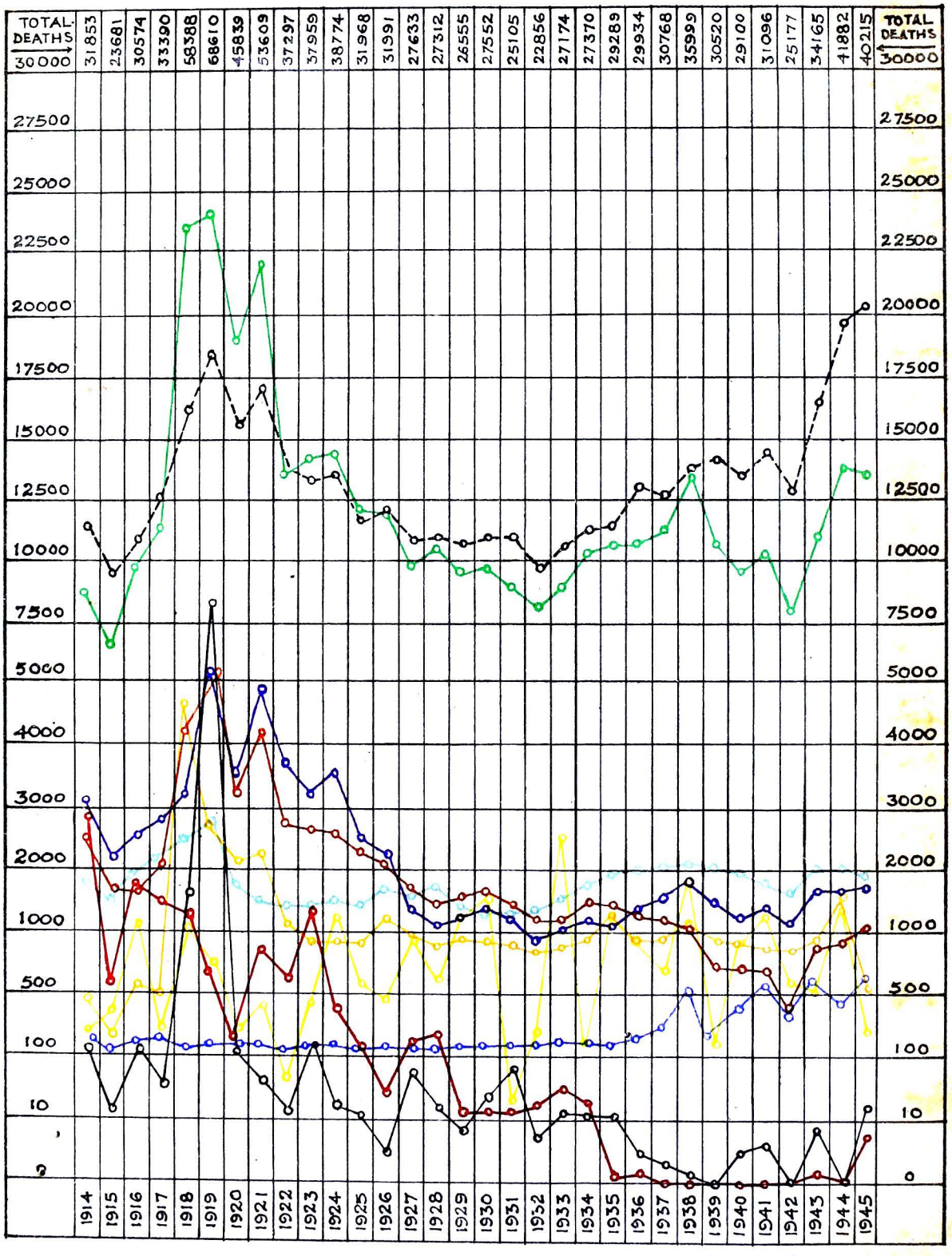
N. B.—Tables relating to (1) Deaths by Causes and Races (2) Deaths in Hospitals (3) Deaths by Causes and Occupations (4) Vaccination operations by Sections (5) Vaccination operations by Months and (6) Vaccination of Infants and Births Registered are not printed in this Report owing to shortage of paper but are available in the Office for reference.

SUMMARY OF STATISTICS.

FOR THE YEAR 1945.

1	Area of Bombay City and Island	26.189 Sq. Mile.
2	Average density per acre	89
3	Population by the Census of 1941	14,89,883
	,, ,, (Actual) ... ... over ...	25,00,000
4	Number of live births registered	53,170
5	Birth rate per 1,000 population (Census)...	35.7
	,, ,, ,, (Actual)	23.1
6	Number of deaths	40,215
7	Death rate per 1,000 population (Census)...	27.0
	,, ,, ,, (Actual)	17.5
8	Number of deaths among infants (under 1 year)	10,125
9	Infant deaths per 1,000 births	190.3
10	Plague—number of deaths from	8
11	Small pox—number of deaths from	235
12	Small pox—Death rate	0.1
13	Cholera—number of deaths from	30
14	Influenza—number of deaths from	32
15	Influenza—Death rate	0.0
16	Tuberculosis—number of deaths from	1,981
17	Tuberculosis—Death rate	1.3
18	Maternal Deaths	133
19	Maternal Death rate per 1,000 births (including still births)	2.3
20	Maternal Death rate per 1,000 live births	2.5

A
DIAGRAM
ANNUAL TOTAL DEATHS
FROM DIFFERENT CAUSES IN BOMBAY
1914 – 1945



G. P. Z. P. Poona, 1946.

ANNUAL REPORT OF THE EXECUTIVE HEALTH OFFICER FOR 1945.

Riview of the Year.—For the appraisal of the state of the public health of a particular area, the situation can be viewed from two basic angles, *viz.*, (1) the position of the City from the point of view of the population, housing conditions, danger from the various epidemics etc., and(2)the actual situation of the hea.th of the City as judged from the vital statistics.

People continued to pour into the City in larger numbers and according to the figures, obtained from the Controller of Rationing, the total number of individual cards registered was 25,33,034 at the end of the year. While the population went on increasing no additional accommodation was made available except the few rooms that were constructed at Arthur Road for housing the victims of the explosion of 1944. There was thus no relief to the problem of overcrowding and congestion in the City which reached its extremes paving an easy way for the spread of all kinds of infections. Dangerous epidemic diseases such as Plague, Cholera and Small-pox were prevalent on a large scale in the suburbs and other neighbouring places and the City remained always in the throes of epidemics especially in view of the intense overcrowding and congestion prevailing in the City. During the year 13 cases of Plague were reported which were all imported, while out of 86 cases of Cholera that came to the notice of this Department, 78 were imported, the remaining few being direct or indirect contacts of the imported cases. Out of 603 cases of Small-pox reported during the year, 111 were imported ones. Out of 1,329 cases of Typhoid reported during the year, 235 were imported ones. The situation was met by great stress laid on personal prevention by inoculation and vaccination, as well as by combing of the concealed cases of infectious diseases for the purpose of removing them to the Infectious Diseases Hosj ital for isolation and treatment. During the year 1,446 inoculations against Plague, 86,700 inoculations against Cholera, 27,802 inoculations against Typhoid and 53,971 vaccinations and 1,88,544 re-vaccinations against Small-pox were carried out.

Inspite of all these adverse circumstances, it is gratifying to note that the various index rates have been maintained very low.

The Infant Mortality was 190.4, the lowest recorded since 1873, while the Maternal mortality was only 2.4 which was also the lowest since the year 1931 from which year this information has been maintained. The general death-rate as calculated on the actual population at the end of the year 1944, *viz.*, 23,00,000 was 17.5 which compares very favourably with that of any of the normal years. The attack-rate in case of Small-pox was 0.3 which was lower than that of the year 1944 (2.4). The attack-rate in case of Typhoid fever (0.5) remained more or less the same as that of the previous year (0.4).

The general birth-rate on the actual population at the end of the year 1944 was 23.1 and though this was slightly lower than that for the year 1944 (24.7), it compared favourably with any of the previous years. The slight decrease this year might be due to many people being obliged to stay in Bombay without their families for want of accommodation.

In the year under review the sanitation of Dharavi was undertaken at Municipal expense as a field demonstration in an insanitary area where the landlords were indifferent to sanitation and a great improvement was achieved in the sanitary condition of the area. The work of immunizing the milch cattle to prevent Rinderpest was undertaken on condition that the serum required would be supplied free by Government and the Municipality would bear the other cost such as establishment, apparatus, etc. As a result of this action cases of Rinderpest were reduced considerably.

The work of licensing dogs and the operation of the Government Subsidised Milk Scheme were continued during the year. Under the latter scheme, milk is supplied at a subsidised rate to the expectant and nursing mothers and children upto 10 years of age. The scheme for the supply of milk to the under-nourished children in the Municipal schools was also continued throughout the year.

Area and Population.—The area of the City and Island is 26.189 square miles (16761.5762 acres). Although the average density of population of the City worked out on this area was 89 per acre in 1941 as shown by sections in Table No. 2 (Appendix), on account of the increased industrial and other activities the population which according to 1941 census was 14,89,883, having increased to 23,00,000 by the end of 1944, the density of population stood at 127 per acre.

Although the population of the City according to the 1941 census was 14,89,883 as shown by sections in Table No. 1 (Appendix) and has been taken for statistical purposes of this report at the same figure, the actual population of the City exclusive of the fighting forces during the year as ascertained from the rationing authorities was more than 23,00,000 as stated above, and the death rates worked out and shown in this report for the different diseases on the census population would in fact be much lower if calculated on the actual population during the year.

BIRTHS AND BIRTH RATES

The number of live births registered during the year was 53,170. It was 3,737 less than in 1944 but 14,010 more than the average of the decennium (1935-44). The number of live births registered each month during 1944 and the year under review is as shown below :—

Period.	Jan.	Feb.	March.	April	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.
1944 ...	5,226	4,769	4,876	4,218	4,192	4,144	4,353	4,359	4,714	5,224	5,341	5,491
1945	4,965	3,797	3,650	3,600	3,734	3,905	4,118	4,488	4,369	5,075	5,293	5,776

Of the registered births, 27,285 were males and 25,885 females, the proportion of males to females being 105 to 100. The birth rate calculated on the census population of 1941 was eqivalent to 35.7 per thousand. The birth rate recorded year by year for the City cannot be called a true record of the births occuring in the City. Negligence on the part of the parents and others responsible for their registration as well as the habit of the people to send the mothers out of Bombay immediately after birth and before its registration can be mentioned as some of the causes whereby births may escape registration in the City. In order to prevent the births escaping registration as far as possible, this department is supplying to the maternity homes and hospitals, books of birth report forms serially numbered and efforts are made to see that every birth tanking place in the hospitals is brought on our record. The Birth Karkoons have been asked to make vigorous search for births taking place at homes and to see that no birth in their respective areas escapes registration. Regular registers of the births brought by the Birth Karkoons have been maintained and the District Registrars asked to scrutinise them month by month.

Table No. 3 (Appendix) shows the number of births by communities and the birth rate per 1,000 of their population. Table No. 3-A (Appendix) shows the number of births registered in each month during the years 1943, 1944 and 1945 and the average of the preceding five years (1940-44).

The number of still-births reported during the year was 3,398.

DEATH AND DEATH RATES.

The total number of deaths registered from all causes during the year was 40,215 against 41,882 in 1944. It was 7,931 more than the average annual mortality of the quinquennium (1940–44) and 8,422 more than the average mortality of the preceding 10 years (1935–44).

The death rate per 1,000 persons living according to the 1941 census was 27.0 (while it comes to about 17.5 according to the actual population mentioned above) as against 22.9 in 1943 and 28.1 in 1944 and 24.8 the average for the preceding decennium. The death rate (like the birth-rate) is invariably high amongst the poorer classes, and as an unduly large proportion of the population of the City belongs to the poorer sections of the society, the general death-rate is raised by that of the unusually large proportion of the poor. The social and economic causes usually tend to contribute toward an increased death-rate amongst the poorer section of the people. High rate of infantile mortality is also chiefly responsible for the increase in the death-rate of the City. It is generally observed that nearly 50 per cent of the mortality is due to deaths of children below 5 years of age. During the year under review, 25.2 per cent of deaths alone were among infants below 12 months. Out of this nearly 44.1 per cent. of infantile deaths were recorded under congenital debility, premature birth, malformation etc.

The annual total deaths from different causes in Bombay since 1914 are indicated in the Diagram A facing page No. 1.

The annual death-rates during the last 50 years are indicated in the Diagram B facing page No. 2.

Mortality by Sex and Age.—Of the total number of 40,215 deaths in the year, 22,198 were among males and 18,017 among females. The large number of deaths among males is due to the preponderence of males who constitute nearly 63 per cent. of the population, the actual death-rate being higher among females. Thus male death-rate was 23 and the female death-rate 33 in 1945 as against 24 and 34 respectively in 1944. The comparatively high death-rate among females is due to various causes one of them being the enhanced risk to life and health during the child-bearing period. Women are burdened with the responsibility of the child-bearing and as during this period they are not properly cared for due to poor circumstances, want of proper nourishment and rest, they lose their vitality in early age. They are also rendered easily susceptible to various diseases to which they fall easy victims.

The following table shows the proportional contribution to the total deaths of each age-group in the two sexes.

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIODS IN 1943, 1944 and 1945.

Age Period.	1943		1944		1945			
	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.			Percentage.
					Male.	Female.	Persons.	
Under 1 year ...	8,690	25.4	11,552	27.6	5,492	4,633	10,125	25.2
1 to 5 years ...	6,146	17.9	7,484	17.9	3,500	3,918	7,418	18.4
5 to 10 years ...	1,079	3.2	1,561	3.7	666	699	1,365	3.4
10 to 15 years ...	623	1.9	781	1.9	368	394	762	1.9
15 to 20 years ...	877	2.5	1,176	2.8	542	534	1,076	2.7
20 to 30 years ...	3,613	10.5	4,433	10.6	2,152	1,870	4,022	10.0
30 to 40 years ...	3,249	9.5	3,765	9.0	2,162	1,544	3,706	9.2
40 to 50 years ...	2,641	7.7	2,862	6.8	2,052	899	2,951	7.3
50 to 60 years ...	2,429	7.2	2,649	6.3	2,082	844	2,926	7.3
60 years and above ...	4,826	14.2	5,559	13.3	3,182	2,682	5,864	14.6
Age unspecified ...	2	0.0	60	0.1	...	...	...	...
Total ...	34,165	100.0	41,882	100.0	22,198	18,017	40,215	100.0

Principal Causes of Death.—Table of deaths and death-rates from Epidemic Diseases and certain other principal causes of deaths in 1944 and 1945 with averages for 10 years (1935–44):—

Causes of Death.	Average of years (1935-44)		1944		1945	
	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.
Principal Epidemic Diseases—						
Small-pox ...	953	0.7	1,391	0.9	235	0.1
Measles ...	266	0.2	734	0.5	160	0.1
Plague ...	...	...	...	...	8	0.0
Enteric Fever ...	398	0.3	459	0.3	616	0.4
Malarial Fever ...	114	0.1	160	0.1	95	0.1
Ague and Remittent Fever ...	930	0.7	859	0.6	1,008	0.7
Influenza ...	55	0.0	37	0.0	32	0.0
Cholera ...	5	0.0	...	...	30	0.0
Dysentery ...	448	0.3	444	0.3	330	0.2
Diptheria ...	63	0.0	76	0.0	113	0.1
Other Principal Diseases—						
Tuberculosis ...	1,924	1.5	2,006	1.3	1,981	1.3
Cerebro-Spinal Fever ...	102	0.1	86	0.05	111	0.1
Diseases of the Nervous System ...	1,151	0.9	1,444	0.9	1,441	1.0
Diseases of the Respiratory System ...	10,929	8.4	13,990	9.4	13,763	8.6
Diarrhoea and Enteritis ...	1,506	1.1	1,291	0.9	1,371	0.9
Puerperal State ...	168	0.1	144	0.1	133	0.1
Congenital Debility and Diseases of early Infancy	3,503	2.7	5,004	3.3	4,469	3.0
Old Age ...	2,693	2.1	3,348	2.2	3,486	2.3
Leprosy ...	55	0.0	66	0.0	63	0.0
Violence ...	904	0.7	1,419	0.9	1,185	0.8
Other Causes ...	6,121	4.8	8,877	5.9	10,584	7.0
Total ...	32,284	24.8	41,882	28.1	40,215	27.0

It will be seen from the Table at Diagram 'C' that diseases of the Respiratory system were responsible as usual for a higher death-rate (8.6 per 1,000) than any other group. A large proportion of deaths from Respiratory diseases occurs among infants and children under 5 years of age. Congenital Debility and Diseases of early infancy constitute the next most fatal group, giving a death-rate of 3.0 per 1,000 persons living. The

DIAGRAM B

ANNUAL DEATH RATE IN BOMBAY

1896-1945

Rate of Census Population

Rate on Actual Population

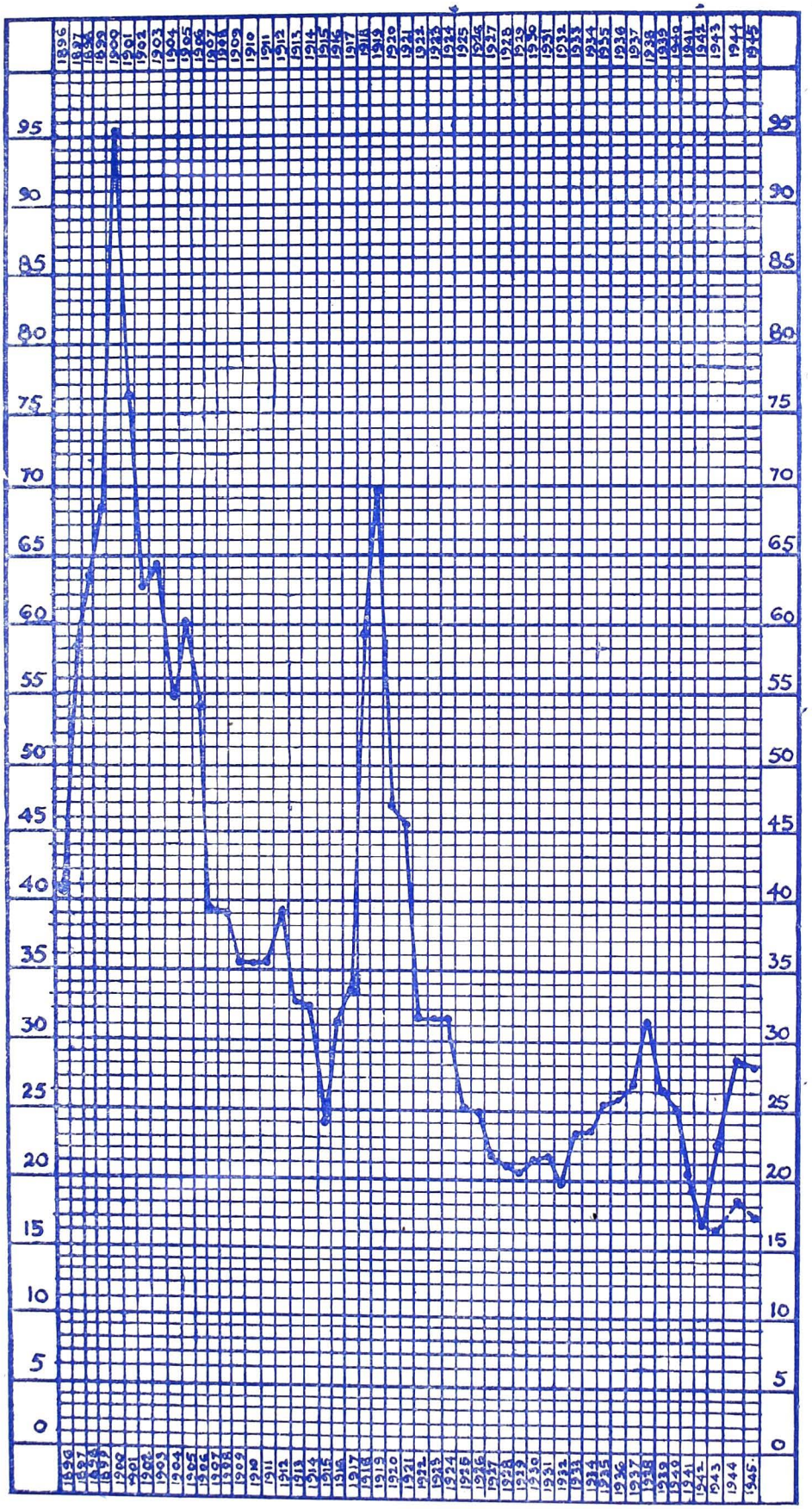
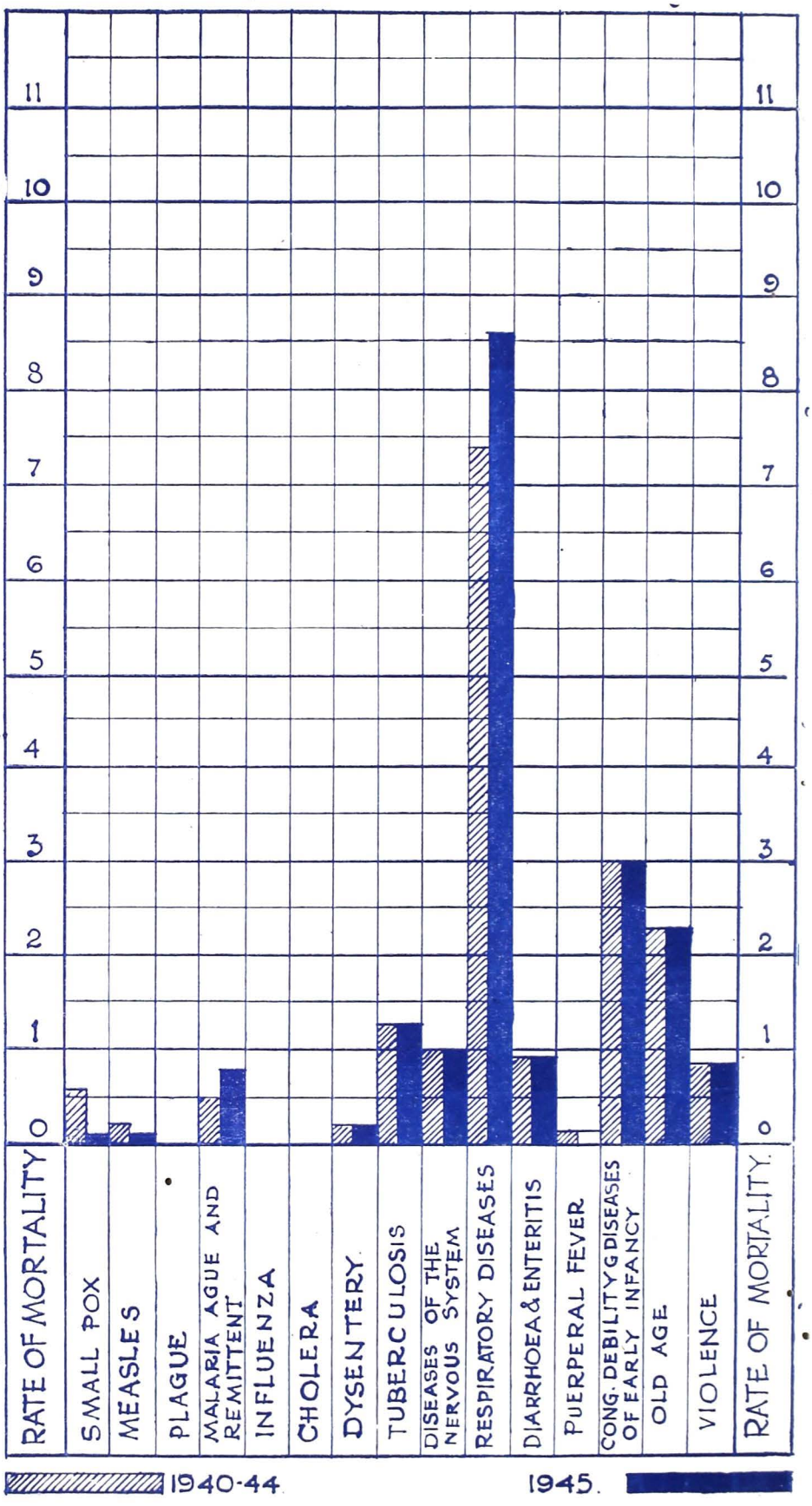


DIAGRAM C

DEATH RATE PER 1000 OF POPULATION FROM PRINCIPAL CAUSES IN BOMBAY IN 1945 AND THE QUINQUENNIAL AVERAGES IN 1940-1944



group coming next on the list for the year under report is deaths attributed to old age (2.3) and Tuberculosis (1.3).

Certification of Causes of Death.—The percentage of deaths certified to the total number of deaths in 1945 and the preceding 5 years are shown in the following table :—

Year.	Total Deaths.	Verified by District Registrars.	Number of Certificates of the Cause of Death received from						Percentage of Total Certificates received to the Total Mortality.
			Medical Officers of Hospitals.	Private Medical Practitioners.	Hakims and Vaidyas.	Commissioner of Police.	Coroner of Bombay.	Total.	
1940 ...	29,100	16,984	7,036	3,772	12	117	1,179	12,116	41.6
1941 ...	31,195	18,329	7,250	4,104	76	152	1,175	12,767	41.5
1942 ...	25,177	14,213	6,233	3,152	41	207	1,281	10,964	43.5
1943 ...	34,165	20,517	6,954	4,643	38	341	1,662	13,648	39.9
1944 ...	41,832	26,160	7,593	6,013	64	329	1,728	15,722	37.5
1945 ...	40,215	26,133	7,275	4,723	61	384	1,639	14,082	35.0

Table No. 12 appended to the report gives detailed information regarding the incidence of deaths from principal causes by months.

The mortality from Plague, Small-pox, Cholera, Influenza, Tuberculosis and Fevers in 1945 is discussed on pages.

The mortality rates for several diseases among different communities in the City are shown in Table No. 14 appended to the report.

Mortality by Months.—The following table shows the total number of deaths registered in each month of the year. The number of monthly total deaths in 1944 is added to the table for comparison.

TABLE SHOWING THE MONTHLY TOTAL DEATHS IN 1944 AND THE MONTHLY NUMBER IN 1945.

Year.	Months												
	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1944	3,522	3836	4,187	4,059	3,540	3,109	3,215	3,416	3,469	3,469	3,013	3057	41,882
1945	3,347	2936	3,341	3,314	3,614	3,302	3,494	3,773	3,422	3,220	3,147	3,335	40,215

Mortality by Sections.—Table No. 6 (Appendix) shows total deaths and death-rates by sections in 1945 and the quinquennial averages (1940–44) and Table No. 9 (Appendix) total deaths by sections and by months during 1945.

Copies of Death and Birth Certificates issued.—During the year 5,428 copies of registry of death and 2,982 copies of the certificates of birth were issued. The total fees received for copies of certificates and for searches of birth and death registers for various periods and for producing registers in courts of law amounted to Rs. 14,248 against Rs. 13,039 in 1944.

INFANT MORTALITY.

The deaths among infants under one year of age number 10,125 being 1,427 less than in the preceding year and 1,468 more than the annual average of the decennium (1935-44). The infant mortality rate expressed as the number of deaths among infants per 1,000 live births registered was 190.4 for the year 1945 as compared to 203.0 for the previous year. Government introduced the Subsidised Milk Scheme in August 1944 making milk available to the children of the pubilc at six annas a seer and the benefit of this scheme was subsequently extended to the expectant and nursing mothers. One of the principal items of protective foods has from that date been made available to the public at a reasonable price. To have an effective check over infant deaths, arrangements for ante-and post-natal as well as infant care must be improved and extended and this problem should be considered as one of the vital importance in framing the Post-War Reconstruction Schemes.

Of the 10,125 infants who died within one year of their birth, 7,564 or 74.7 per cent. were born in Bombay City and 2,561 or 25.3 per cent in the mofussil (*vide* table below showing the place of birth of the infants). The births of these 2,561 infants were thus not registered in the City register. If, therefore, the figure 2,561 is excluded from the total number of infants who died in the City during the year, the rate of infant deaths per 1,000 births registered would be 142.3 instead of the official figure 190.4 as shown above. How much of this reduction in the rate can be set off against the deaths of infants occurring outside the City though born and registered in Bombay, cannot be estimated. But in the absence of any specific cause for emmigration the number will be small and therefore the infant death-rate after correction for residence would be approximately 142 per 1,000 live births-much lower than the recorded rate of 190.4.

STATEMENT SHOWING THE NUMBER OF CHILDREN BORN IN AND OUT OF BOMBAY WHO DIED BEFORE COMPLETING TWELVE MONTHS OF AGE IN 1945.

	Born in Bombay		Born out of Bombay.	Deaths under 1 year of age.	
	Births regstered.				
	Before death	After death.			
Total ..	5,841	1,723	2,561	10,125	
Percentage ..	57.7	17.0	25.3	100.0	

The percentage of deaths amongst children born in the mofussil and not registered in the City to the total infant deaths in 1945 was 25.3 against 26.0 in 1944 and 24.4 in 1943.

Diagram D facing this page shows the incidence of Infant Mortality rate during the last 65 years.

Cause of death.—It will be seen from the sub-joined Table that 8,102 or nearly 80.0 per cent. of the total deaths among infants were due to diseases of the respiratory system, infantile debility and premature birth, against 8,995 deaths, or 77.9 per cent in 1944. Diarrohea and Enteritis caused 509 deaths, Malaria, Ague and Remittent fever 96 deaths and Convulsions 522 deaths. The deaths from Small-pox and Measles numbered 34 and 49 respectively.

INFANT MORTALITY FROM PRINCIPAL CAUSES FROM (1940-45).

Cause of death.	1940.	1941.	1942.	1943.	1944.	Average 1940 to 1944.	1945.	More or less.
Small-pox ...	196	283	107	67	165	163	34	—129
Measles ...	63	81	47	61	292	109	49	— 60
Malarial Fever ...	5	9	9	6	11	8	3	— 5
Ague and Remittent Fever and Fever not defined ...	83	80	44	64	69	68	93	+ 25
Diarrhoea and Enteritis ...	471	501	373	508	567	484	509	+ 25
Dysentery ...	66	50	45	53	97	62	49	— 13
Infantile Debility and Malformation including Premature Birth ...	3,501	3,588	2,871	4,126	5,001	3,817	4,468	+651
Diseases of the Respiratory System ...	2,550	2,918	1,989	2,857	3,994	2,861	3,634	+773
Convulsions ...	480	385	227	319	564	395	522	+127
All Causes ...	7,823	8,445	6,164	8,690	11,552	8,535	10,125	+1,590

Quinquennial Averages.—Compared with the average of the preceding 5 years, the total number of deaths among infants was more by 1590 the principal increase in the mortality being 651 under Infantile Debility, malformation and immaturity, 773 under diseases of respiratory system, 127 under Convulsions, 25 under Diarrohea and Ague and Remittent fever, while there was decrease of 129 under Small-pox, 60 under Measles, 13 under Dysentery and 5 under Malaria.

Age at Death.—The following table classifies the infantile deaths from principal causes in 1945 under different groups, upto 1 year, namely, under 7 days, 1-4 weeks, 4 weeks to 6 months and 6-12 months.

TABLE OF DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES BY AGE-PERIODS IN 1945.

Age-period.	Small-pox.	Measles.	Malarial fever.	Ague and Remittent fever and fever not defined.	Diarrhoea and Enteritis.	Dysentery.	Infantile Debility and Malformation including premature birth.	Diseases of the Respiratory system.	Convulsions.	All causes.	Percentage of death in age-period to the total deaths under 1 year of age.
Under 7 days ...	...	...	...	7	21	...	2,130	36	112	2,383	23.5
1 to 4 weeks ...	...	2	1	18	87	4	1,299	103	73	1,648	16.3
Total under 4 weeks	...	2	1	25	108	4	3,429	139	185	4,031	39.8
4 weeks to 6 months	13	16	1	36	195	8	813	1,338	200	2831	28.0
6 to 12 months ...	21	31	1	32	206	37	226	2,157	137	3,263	32.2
Total ...	34	49	3	93	507	49	4,468	3,634	522	10,152	100.0

Of the total deaths among infants, 2,383 or 23.5 per cent took place in the first week of life and 1,648 or 16.3 per cent in the age period of 1-4 weeks. The mortality among infants who had not completed the first month of life was thus 4,031 or 39.8 per cent of the total infant deaths. The number of deaths in the groups 4 weeks to 6 months and 6-12 months was 2,831 and 3,263 being respectively 28.0 and 32.2 per cent.

Neonatal Death-rate.

Year.	Births.	Deaths.	Rate.
1938	36,748	3,450	93.9
1939	37,822	3,332	88.1
1940	38,833	3,049	78.5
1941	39,954	3,325	83.2
1942	31,536	2,511	79.6
1943	44,015	3,568	81.1
1944	56,907	4,306	75.7
1945	53,170	4,031	75.8

TABLE OF PERCENTAGE OF INFANT DEATHS FROM PRINCIPAL CAUSES AT SEVERAL AGE-PERIODS IN 1945.

Age-period.	Small-pox.	Measles.	Malarial fever.	Ague and Remittent fever and fever not defined.	Diarrhoea and Enteritis.	Dysentery.	Infantile Debility and Malformation including premature births.	Diseases of the Respiratory system.	Convulsions.	Other causes.	All causes.
Under 7 days ...	...	...	...	0.3	0.9	...	89.4	1.5	5.0	2.9	100.0
1 to 4 weeks ...	...	0.1	0.1	1.1	5.3	0.2	78.8	6.2	4.4	3.8	100.0
4 weeks to 6 months	0.1	0.6	...	1.3	6.9	0.3	28.7	47.3	7.1	7.7	100.0
6 to 12 months ...	0.6	0.9	...	1.0	6.3	1.1	6.9	66.1	4.2	12.9	100.0
Total percentage for all ages up to 1 year	.3	.5	0.0	0.9	5.0	0.5	44.1	35.9	5.1	7.7	100.0

The salient features of the above table are the magnitude of the role played by debility and prematurity in the causation of deaths in the first 4 weeks of life and the large proportion of deaths from respiratory diseases during the remaining 11 months of infancy.

Infant Mortality by Months.—The sub-joined table shows the number of deaths among infants in each month of the year. For comparison the monthly total number of deaths at ages 1 year and upwards is also inserted.

Age period.	NUMBER OF DEATHS.												
	Jan.	Feb.	Mar.	April.	May.	June.	July	Aug	Sept.	Oct.	Nov.	Dec.	Total
Under 1 year ...	744	631	736	788	907	855	1,001	1,096	869	803	798	897	10,125
1 year and upwards.	2,603	2,275	2,605	2,526	2,707	2,447	2,493	2,677	2,553	2,417	2,349	2,438	30,090

DIAGRAM D

DEATHS IN INFANTS PER 1000 BIRTHS IN BOMBAY

1881-1945

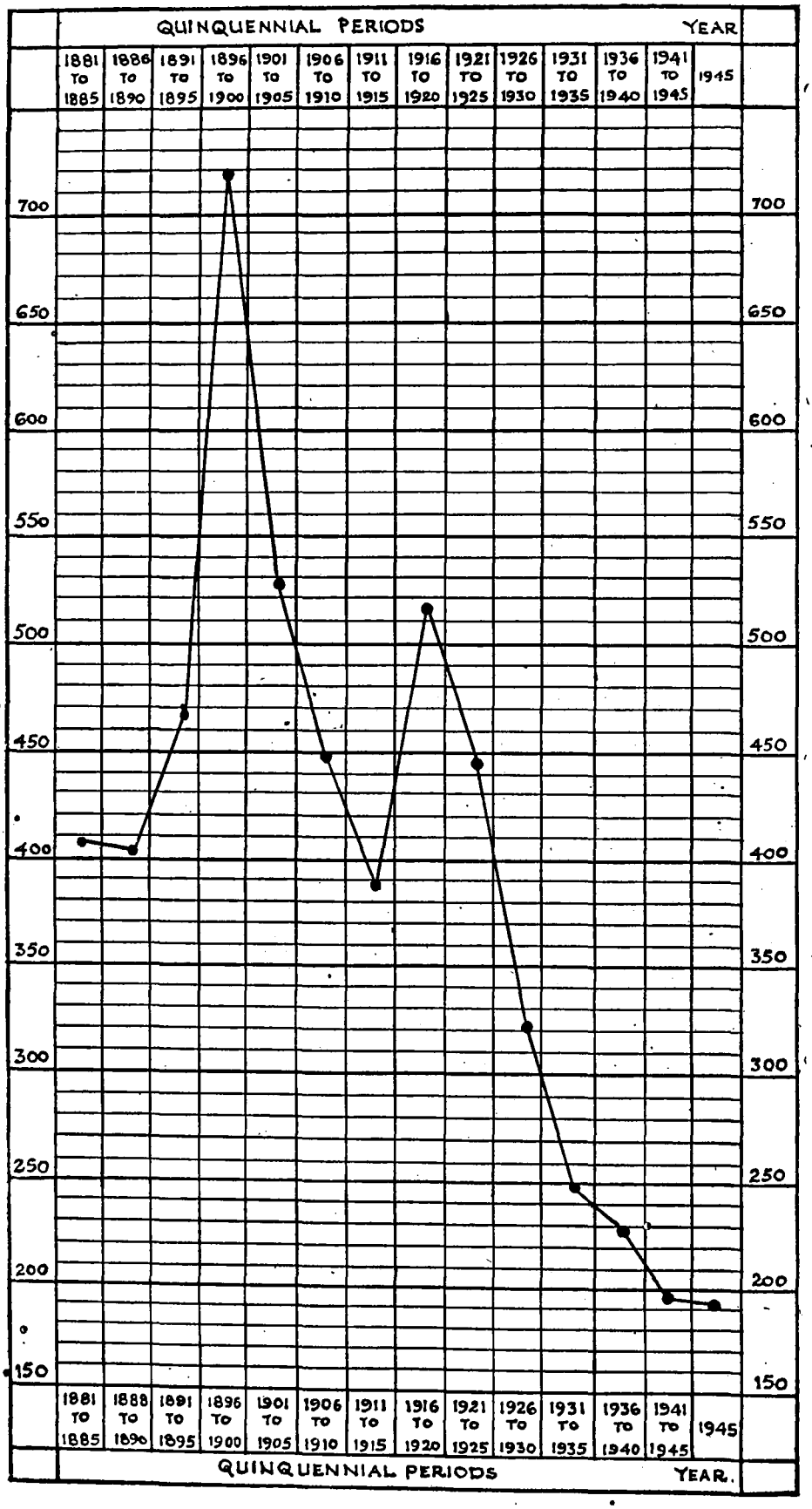


Table No. 13 appended to the report shows the number of deaths among infants under one year of age by causes in detail and by months.

Infantile Mortality by Races.—The following table shows the death-rates among infants of different communities.

INFANT MORTALITY BY CASTE AND INFANTILE DEATH-RATE PER 1,000 OF BIRTHS REGISTERED IN EACH CASTE IN 1945.

Race or Caste.	Deaths under 1 year.	No. of Births registered.	Infant Mortality births registered.
Hindus, Scheduled classes ..	2,054	7,172	286.4
Hindus, other castes ..	5,851	31,403	186.3
Mussalmans (including Negro Africans) ..	1,421	8,545	166.3
Parsees ..	87	1,077	80.8
Jews ..	31	446	69.5
Indian Christians ..	641	3,910	163.9
Anglo-Indians ..	19	192	98.9
Europeans ..	7	264	26.5
Buddhists ..	5	83	60.2
Other and Unknown Castes ..	9	78	115.4
Total ..	10,125	53,170	190.4

PREVENTION OF INFANTILE MORTALITY.

The usual maternity an d child-welfare work done at the clinics at the five Maternity Homes since 1939 was continued during the year. This work comprises of ante-natal, natal, post-natal, infant and pre-school care at home and at clinics. The clinics are held for 2 days in a week for each group. They are conducted by the Medical Officers in charge of the Maternity Homes who are assisted by the Health Visitors attached to them. The Health Visitors are required to visit expectant mothers or mothers and children attending the clinics at their homes to see if they follow the advice given to them, to go in search of expectant mothers and to advise and persuade them to attend the clinics and to avail themselves of th e Municipal Maternity Homes or other hospitals in the City for confinement and to conduct maternity cases at homes of those who do not avail themselves of these facilities. Throughout this work the main objectives are kept in mind, namely medical supervision and health education. Attempts are made to lay greater emphasis on the education of the mothers with regard to their own care during pregnancy and that of the children after they are born.

The Health Visitors in their visit to the Districts are also required to trace prospective mothers particularly among the poorer and ignorant classes and to advise and persuade them to attend the ante-natal clinics and subsequently to avail themselves of the facilities existing in the City in the form of free Maternity Homes and Hospitals.

The maternity and child welfare centre sanctioned for Dharavi by providing a resident Health Visitor and an Ayah to help in her work started on 25th July 1945. The Health Visitor appointed for this purpose, continued her work during the year, under the supervision of the Medical Officer, Cadell Road Maternity Home.

During the year 1945 the Health Visitor at Dharavi paid 784 visits to pre-natal cases, 1,138 to post-natal, 1,727 to infants, 1,427 to pre-school children and 169 other vitsits making 5,334 in all. Out of 186 women confined from the area, 81 were confined in hospitals, 7 by the Health Visitor, remaining 98 confined at home.

The Health Visitors paid 50,712 visits in various districts and also attended 173 cases of confinements during the year. In 5,450 cases, personal vi its were paid by the Medical Officers in charge of the Manternity Homes.

This activity of maternity and child welfare needs further expansion, both with regard to facilities for ante-natal and post-natal work and infant and pre-school welfare. More maternity homes and at least 10 more Health Visitors who could take up generalised health nursing work should be provided if the City is to be adequately served. The clinics now held in the existing maternity homes should be further extended to other field areas where the mothers could attend in larger numbers and at regular intervals more conveniently than is at present possible owing to long distances and expenses involved. Attempts are being made to expand the work on these lines but the schemes for expansion of work submitted to the Corporation and approved in principles but deferred for post war construction have to be taken up at an early date.

The following table shows the work done at the Clinics and by the Health Visitors in the year 1945:—

Particulars.	No. of cases.
(1) Number of cases confined by the Health Visitor in the district ..	187
(2) Visits by Health Visitors—	
Ante-natal	12,453
Natal	2,775
Post-natal	11,528
Infant	15,806
(3) Number of cases visited by the Medical Officers	5,450
(4) Number of cases registered in the clinics—	
Ante-natal	12,258
Post-natal	2,633
Infant	3,775
Others	2,579
(5) Total number of cases confined in the Homes	7,991
(6) Number of cases not registered at the Ante-natal Clinics but confined in the Homes	1,056

Relief to the poor and needy women during confinement in the shape of necessaries and comforts such as milk, bread, blankets, charpoys and linen could not be given on account of rationing restrictions.

Municipal Maternity Homes.—There are five maternity homes maintained by the Municipality. The number of mothers admitted to the homes and the number of beds in each home were as follows :—

Maternity Homes.	Number of Cases Admitted.		Number of Beds.
	1944	1945	
Mahomed Haji Saboo Sidik's Maternity Home at Bellasis Road ...	2,751	2,722	37
Kamar Khanum Maternity Home at Victoria Cross Road ...	2,123	1,787	37
Mahomed Haji Saboo Sidik Maternity Home at Imamwada ...	1,533	1,518	19
Mahomed Haji Saboo Sidik Maternity Home at Worli ...	2,055	1,739	24
Sorabji Shapurji Engineer Maternity Home at Khetwady ...	1,333	1,195	12
Total ...	9,795	8,961	129

Total number of women admitted during the year was 8,961 as against 9,795 in 1944. The number of cases confined in the homes was 7,935 as against 8,744 in 1944. Of the women confined 1,847 were primaparae.

Out of 56,568 births (including 3,393 still-briths) registered in the City in 1945, 44,708 or 79.0 per cent. took place in the maternity homes, and hospitals as against 72.9 in 1944.

MEASURES FOR THE REDUCTION OF INFANT MORTALITY

In the annual reports, since the year 1920; it has been repeatedly stated that the percentage of death among infants under 1 year of age to the total mortality has been higher than in the case of any other age group. The schemes suggesting ways and means to reduce the infant mortality submitted to the Corporation have, as stated above, been deferred for better times.

Maternal Mortality.—The following table gives the classification of causes of death in Puerperal state in 1945 as required under Corporation Resolution No. 10544, dated 30th March 1931 :—

No.	Specific causes of Death.	No. of Deaths.
	Diseases of Puerperal State.	
1	Ante-partum Haemorrhage	6
2	Post-partum Haemorrhage	14
3	Toxaemias (*Eclampsia, Hyperemesis Gravidarum, Acute Yellow Atrophy, Albuminuria*)	12
4	Puerperal Sepsis (*Sapraemia, Septicaemia, Phlegmasia Alba Dolens, Coli Infection, etc.*) ...	13
5	Embolism ...	4
6	Shock during or immediately after delivery	8
7	Anaemia of Pregnancy	38
8	Malaria ... ... }	...
9	Influenza, Pneumonia ... ... } Complications of	...
10	T.B. ... ... } Pregnancy.	...
11	Heart Disease ... ... }	8
12	Operative Interference ... ... }	4
13	Ruptured Uterus	1
14	Breast Diseases	3
15	Puerperal Insanity	3
16	Other Causes	19
	Total ...	133

The attached chart "E" in the case will be of interest.

Maternal Mortality Rate.—The maternal mortality rate which varied between 4.0 and 7.0 till the year 1940 came down to 3.6 in the year 1941 and it is gratifying to note that inspite of the disturbing factors, such as insufficient housing accommodation, we were able to maintain the same death-rate year by year and this rate for the year 1945 was 2.3.

METEOROLOGY OF 1945.

Table No. 17 appended to the report gives the meteorological data of 1945.

Rainfall.—The total rainfall recorded at the Colaba Observatory during the year 1945 was 90.38 against 74.1 in 1944 and 81.35 in 1943 and was more than normal by (19.84). Rain fell on 79 days during the year against 80 days in 1944 and 116 in 1943.

The maximum monthly rainfall was 31.87 inches in July against 45.56 inches in the same month of 1944

EPIDEMIC AND OTHER DISEASES

Notification of Infectious Diseases.—Under the existing provisions of the Municipal Act Medical Practitioners are required to report to the Health Authority cases of infectious diseases noticed or treated by them. The total number of infectious diseases reported during the year was 4,902 as against 7,603 in 1944. Of these 4,771 or 97.2 were reported by the District Registrars and 131 or 2.8 by the medical practitioners. No cases were notified by Hakims and Vaidyas.

The diseases to which the notification related, are set out by sections in Table No. 4 (Appendix).

Plague.—13 cases occurred, all being imported (of which 8 proved fatal.)

Anti Plague Measures.—The usual preventive and precautionary measures, namely (1) Inoculation and (2) Rat Destruction, were continued during the year.

(1) Inoculation.—During the year 1446 inoculations against Plague were performed, out of which 295 were done at the Haffkine Institute. These were among people who had to visit plague striken districts outside the City limits.

(2) Rat Destruction.—The total number of rats collected and destroeyd during the year was 8,28,945 against 7,65,592 in 1944. It will be seen from the following statement that of the 8,28,945 rats collected and sent to the Haffkine Institute, 3,45,078 were examined and no rat was found infected. The last date on which an infected rat was detected in the City was 11th October 1934.

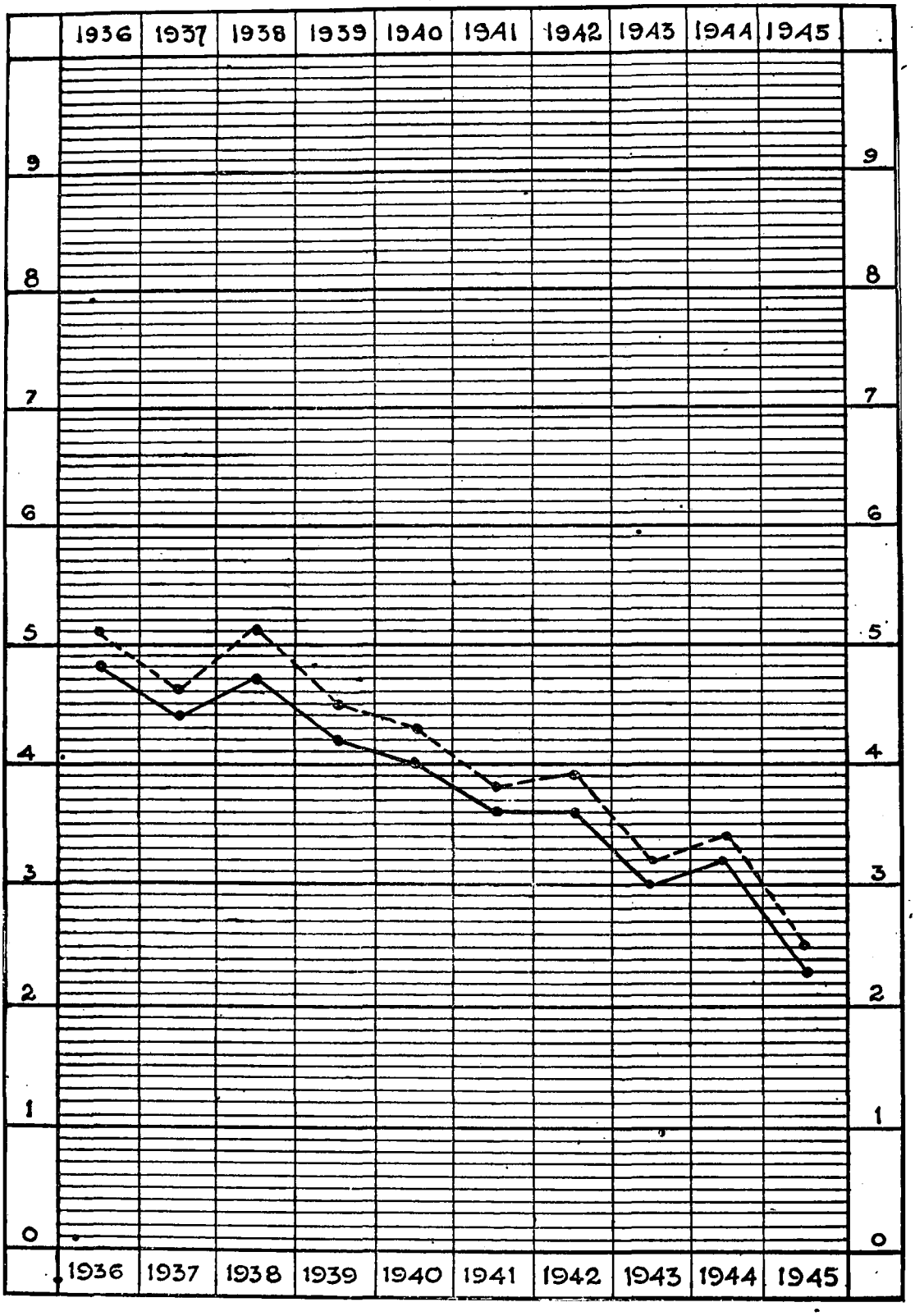
DIAGRAM E

RATE OF MATERNAL DEATHS PER 1000 OF BIRTHS

RATE ON LIVE BIRTH - - - - - -

RATE ON BIRTHS (INCLUDING STILL BIRTHS) ——

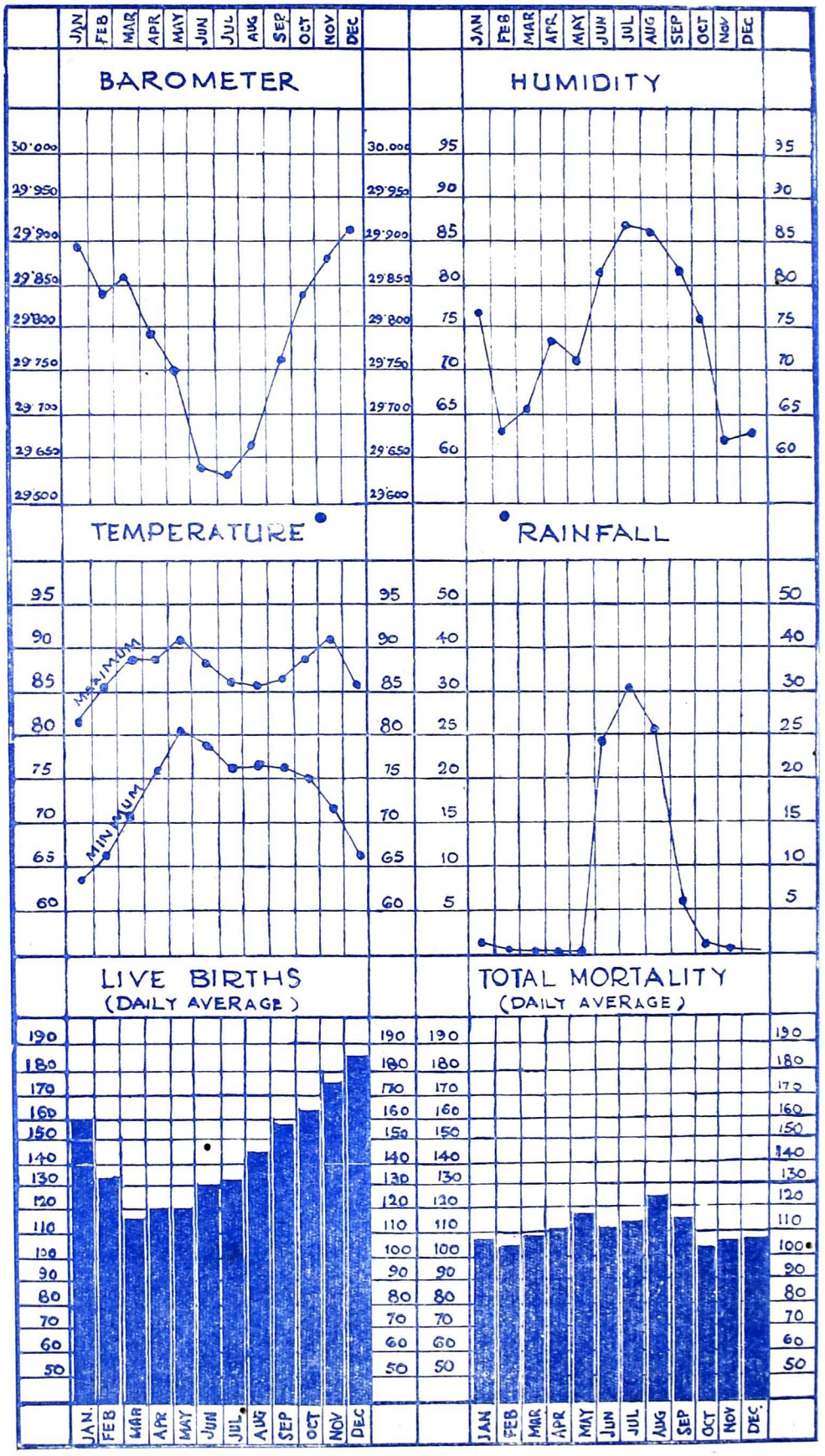
1936-1945



	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
MATERNAL DEATH	184	165	186	169	166	152	122	143	194	133
BIRTHS	38334	37795	39313	40548	41485	42608	33545	47144	56907	53170
RATE	4·8	4·4	4·7	4·2	4·0	3·6	3·6	3·0	3·2	2·3
RATE	5·1	4·6	5·1	4·5	4·3	3·8	3·9	3·2	3·4	2·5

DIAGRAM F

DAILY MEAN BIRTHS, DEATHS AND CLIMATIC CONDITIONS IN BOMBAY IN 1945



STATEMENT SHOWING THE NUMBER OF RATS SENT TO THE HAFFKINE INSTITUTE, THE NUMBER EXAMINED AND THE NUMBER FOUND INFECTED IN 1945.

Months.	Number of Rats sent to the Haffkine Institute.	Number of Rats Examined Total.	Number of Rats found Infected.	Ratio Per Cent.
January	74,100	33,668		
February	64,176	27,237		
March	69,071	27,848		
April	65,600	28,067		
May	64,302	26,612		
June	60,036	28,426	*Nil.*	*Nil.*
July	68,966	30,428		
August	64,329	26,186		
September	62,073	25,161		
October	73,296	27,002		
November	76,385	30,148		
December	86,611	34,295		
Total ..	8,28,945	3,45,078	..	..

SUSCEPTIBILITY OF HOUSE RATS

No experiments on the susceptibility of house rats could be carried out during the year 1945.

Small pox.—Small-pox caused 603 attacks (including 111 imported) and 235 deaths. The disease showed tendency to increase in December.

TABLE

STATEMENT SHOWING SMALL-POX ATTACKS AND DEATHS BY MONTHS FROM 1933 TO 1945.

Year / Month	1933 A.	1933 D.	1934 A.	1934 D.	1935 A.	1935 D.	1936 A.	1936 D.	1937 A.	1937 D.	1938 A.	1938 D.	1939 A.	1939 D.	1940 A.	1940 D.	1941 A.	1941 D.	1942 A.	1942 D.	1943 A.	1943 D.	1944 A.	1944 D.	A	
anuary	692	394	43	16	127	71	110	64	29	16	678	356	15	9	115	43	345	171	166	70	26	10	625	202	14	
February	1,484	889	48	22	221	118	238	139	50	30	965	549	20	15	184	78	646	317	257	141	71	26	1,032	411	22	
March	1,376	775	51	28	412	263	308	190	80	62	903	509	60	25	235	106	581	323	603	220	200	73	1,194	421	58	13
April	542	328	42	29	465	278	336	228	152	79	403	248	50	19	390	182	308	189	338	116	169	56	577	188	83	27
May	229	168	29	13	300	203	194	131	133	90	167	116	48	25	276	143	199	140	57	33	152	78	187	101	67	26
une	73	59	10	8	195	140	101	71	115	81	53	38	44	26	172	103	108	64	14	4	106	48	62	33	60	33
uly	24	17	6	3	112	70	58	35	90	59	36	30	40	29	95	61	30	25	6	2	90	31	36	2	44	15
August	14	8	5	4	55	40	28	21	46	32	13	12	29	19	29	17	30	21	3	2	71	32	13	3	34	17
September	...	...	13	7	25	15	17	14	54	24	8	2	7	1	22	10	14	8	...	...	88	42	3	...	31	9
October	4	*4	9	5	12	6	11	6	34	20	5	1	6	5	32	18	15	7	3	...	70	35	3	...	31	13
November	6	6	5	3	19	11	3	3	89	39	...	...	12	8	65	19	4	10	2	...	76	25	3	2	36	12
December	19	11	22	14	34	24	7	4	325	156	2	1	37	20	115	54	35	18	5	3	197	63	6	4	123	50
TOTAL	4,463	2,659	283	152	1,977	1,148	1,411	906	1,197	688	3,233	1,862	368	201	1,730	834	2,325	1,293	1,454	591	1,318	519	3,741	1,391	603	235
Death Rate	2.3		0.1		1.1		0.8		0.6		1.6		0.2		0.7		0.8		0.4		0.3		0.9		0 1	
Fatality Rate	59.6		53.7		63.1		64.2		57.5		57.6		54.6		48.2		55.6		40.6		39.4		37.1		38.9	
Epidemic period	From 17-12-32 To 3-6-33		Sporadic		From 2-2-35 to 6-7-35		From 22-2-36 to 6-6-36		From 19-12-37 to 14-5-38				Sporadic		From 31-3-40 to 15-6-40		From 19-1-41 to 17-5-41		From 8-3-42 to 18-4-42		Sporadic (No Epidemic)		From 15-1-44 to 29-4-44		Sporadic	
	4 months & 18 days				5 months & 4 days.		3 months & 16 days.		4 months & 26 days						2 months & 16 days		3 months & 19 days.		1 month & 11 days.				3 months and 15 days.			

Vaccinations were offered as a measure of personal prophylaxis throughout the year and the result was as follows :—

The number of primary vaccinations done during the year was 53 971 against 58,825 in 1944 and that of re-vaccinations 1,88,544 asea ainst 7,59,978 in 1944. 34 deaths from small-pox occurred among children under one year of age during the year. Of these, 7 were not vaccinated while 22 were presumably vaccinated during incubation period and the vaccinal condition of 5 was not known.

It is alway desirable that the number of primary vaccinations done every year should be at least equal to the number of births registered in that or the previous year if not more. While this number has always been less in the past, the number done in 1943, 1944 and 1945 was more than that done in any previous year.

Cholera.—86 cases occurred out of which 78 were imported. Of these 86 cases, 30 proved fatal (29 amongst imported and 1 from local attacks). The remaining 8 were direct or indirect infection of imported cases.

Influenza.—Influenza was recorded as the cause of 32 deaths during the year as against 37 in 1944 and 55 the average for the preceding deccenium (1935-44).

Enteric Fever.—Enough has been said in the report for the year 1942 with regard to the belief that the incidence of Typhoid was on the increase since 1938 and it can safely be said that such a belief cannot be correct in view of the fact that there has been a marked decrease in the number of deaths which were till then attributed to be due to Ague and Remittent fever and corresponding increase in the number of deaths from Typhoid. This increase in cases was mainly due to increased knowledge about cases of Typhoid occurring in the City since 1938 and better notification by Medical Practiotioners on account of the facilities given to them by Government in taking and examining blood samples through a doctor from the Haffkine Institute. Efforts made to prevail upon Government to revive these facilities which were withdrawn since the last three years have not been successful so far.

Measures for the prevention of typhoid with regard to the conversion of privies into water closets, removal of dust-bin sheds, introduction of house to house collection of refuse all over the City, covering of open

drains and laying sewers in the unsewered parts of the City had unfortunately to remain in abeyance till the end of the war. As the war is now over it is expected that this question will be taken up soon.

The number of cases reported during the year (1329) was more than the number reported in th year 1944 by 321. The number of inoculations done was 27,879. The smaller number of inoculations done this year was probably due to the unwillingness of the public to take periodic inoculations unless there is the scare of an epidemic. All preventive measures are as a rule taken in every case of fever suspected or definitely reported to be Typhoid and from the incidence of the disease it can be inferred that the measures taken were satisfactory.

The following table shows the number of cases of enteric fever registered in each month during the year. The number of deaths from this cause is shown in Table 10 (Appendix) by sections and in Table No. 12 (Appendix). by months :—

Disease.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Enteric fever ...	110	90	120	121	117	122	99	135	133	137	80	65	1,329

Out of 1,329 total cases, 239 were imported. The total number of deaths was 616 as against 459 in 1944. Comparison with the number of deaths from the disease for the last ten years is shown in Table No. 11 (Appendix)

The following table shows the total number of deaths from enteric fever, fatality-rate, number of cases admitted to hospitals, number of cases notified by the Medical Practitioners and number of inoculations and Attack Rate since 1939.

	1939	1940	1941	1942	1943	1944	1945
Attacks ..	723	904	1,123	1,018	1,562	1,008	1,329
Deaths ..	249	399	554	375	567	459	616
Fatality rate ..	34.4	44.1	49.3	36.8	36.3	45.5	46.3
Death-rate ..	0.2	0.3	0.4	0 2	0.4	0.3	0.4
Hospitalization ..	..	517	765	8 41	1,348	927	1,306
Cases notified by Medical Practitioners.	174	199	234	126	214	148	23
Inoculations ..	937	1,040	11,032	14,470	62,891	84,927	27,879
Attack-Rate ..	0.6	0.9	0.8	0.7	1.0	0.7	0.9

Diphtheria.—The following table shows the number of cases of Diphtheria registered each month during the year. The number of deaths from this cause is shown in Table No. 10 by Sections and in Table No. 12 (Appendix) by months.

Disease.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Diphtheria ...	53	65	75	55	46	39	44	60	54	66	66	63	686

Leprosy.—In the absence of a municipal institution for the isolation and treatment of cases suffering from the disease. the Acworth Leper Home has been doing invaluable work for about 55 years in this important branch of the field of control of communicable diseases. In addition to providing a Home for the isolation of the patients, either voluntarily admitted or committed by the Police under the Bombay Lepers Act, the institution conducts an out-patient clinic.

There existed a deficiency in the link between the institutions where patients are treated and the homes of the patients where they come into contact with a large number of other persons, either in their own families or among the neighbours. This deficiency was made up by the appointment of 2 Health Visitors—one by the Home and the other by the Municipality—from 1st January 1943. For the detection and treatment of early cases of leprosy. the Medical Assistants in charge of the municipal dispensaries have been trained and for correct diagnosis of suspicious cases, arrangements have been made with the Superintendent, Acworth Leper Home, for visiting the dispensaries whenever required. Cases detected by the Medical Inspectors of Schools are directed by them for treatment to the Municipal dispensaries or to the Acworth Leper Home. The number of such cases detected by them during the year 1945 was 3. The number of new cases treated at the municipal dispensaries and at the Home at Matunga were 29 and 1,002, respectively.

The following details will give some idea of the importance of the field work done by the 2 Health Visitors :—

(1) Number of patients who had ceased attending and who were persuaded to resume treatment.	25
(2) Number of contacts examined in homes ..	1113
(3) Number of contacts brought to the clinic for examination ..	68
(4) Number of lepers discovered by examination of contacts ..	24
(5) Number of visits to the homes of patients (First) ..	437
(Subsequent) ..	2337
(6) Number of talks on leprosy given ..	498
(7) Number of homes where isolation was secured ..	2

The difficulties encountered by the Health Visitors in the field were of a varied nature. The impression that they would be compulsorily made to reside in the Leper Home frightened many a patient, many others feared interruption in their occupation after they were found to be suffering from the disease by the Health Visitors. while some put the Health Visitors on the wrong track by giving wrong addresses and lastly, there were some who left Bombay without taking complete treatment.

Although in certain types of leprosy the patient may live with his family, his isolation in other infec ive forms is very essential. This isolation in a maiority of cases is very difficult, as most of the patients who belong to the poorer classes, live in one or two room tenements along with 2 to 4 or even more members of their families. The above table will show that this isolation was secured by the Health Visitors in 2 cases. In this connection a proper leprosy colony or settlement is badly required for the Province where patients from the City could also be diverted.

Most of the patients belong to the poorer classes. Their poor economic condition, the present difficult food situation and the high prices of food-stuffs militate against improvement of their general resistence absolutely necessary for the cure of the disease.

In many cases patients who had greatly improved considered further treatmeat unnecessary and others in whom there was no change thought further treatment harmful and useless. It is very satisfactory to note that 25 out of 80 patients who had left treatment were persuaded by the Health Visitors to resume it.

The importance of home visits in connection with leprosy control has been stressed in no uncertain terms by the Central Advisory Board of Health. In very few leprosy clinics in India is any organised propaganda carried on for the patients and their relatives and in no clinics in India there exists any system of home visits. Bombay has. therefore, broken new ground.

Cerebro-Spinal Meningitis.—Cases of Cerebro-Spinal Meningitis reported during the year numbered 285 including 37 imported, as against 177 in 1944 and the total number of deaths from the same was 111 during the year as against 86 in 1944.

In order to check the spread of the disease, measures such as isolation of the patients, disinfection of the infected places and prophylactic inoculation of the contact with antimeningococcal vaccine supplied by the Haffkines Institute were taken. During the year 270 cases were treated in the Arthur Road Hospital. Out of them 85 proved fatal and 185 were discharged as cured.

TUBERCULOSIS

Number of Deaths and Death rate.—The number of deaths from Tuberculosis during the year was 1,981. The death-rate from Tuberculosis was 1.3, per 1,000 of the population. The annual death-rates in the previous year have been as follows. (For comparison, the decennial and quinquennial average rates have also been stated).

Period.	Annual Death-Rate from Tuberculosis		
	Pulmonary.	Other Forms.	All Forms
1935-44 ..	1.2	0.3	1.5
1940-44 ..	1.0	0.3	1.3
1944 ..	1.0	0.3	1.3
1945 ..	1.0	0.3	1.3

CLASSIFICATION ACCORDING TO SEX AND TYPE OF DISEASE.

Year.	Pulmonary T. B.	T. B. other parts.	Total number of Deaths.	Males.	Females.
1944 ..	1526	480	2006	1232	774
1945 ..	1524	457	1981	1201	780

Morbidity.—The Morbidity in tuberculosis is calculated at ten times the mortatity. Calculating on this basis, there were probably 20,000 persons suffering from tuberculosis during the year under report. The tragic mortality and morbidity figures emphasize the necessity of an intensive antituberculosis campaign in all its aspect and an extension of the facilities now available.

In response to the various resolutions tabled in the Corporation during the year on tuberculosis and means to combat the disease, a complete scheme had been submitted in the Executive Health Officer's letter No. H. 6693 of 7-10-40, and the Municipal Commissioner's letter No. H/6693 of 22-11-40.

The present anti-tuberculosis activities are inadequate and none of the present institutions dealing with tuberculosis patients can be called fully equipped and upto date in the real sense of the term. Only one of the clinics has got X-Ray plant, but even here there is no arrangement for giving A.P. Refills. For a City like Bombay, there should be five fully equipped clinics in different wards and 2,000 beds for the treatment of patients. The number of Health Visitors will require to be increased and colonies provided for the isolation of Sputum positive cases. In spite of this, good work was done through the institution during the last two years and it is gratifying to note that the Hassan Masud Suhrawardy Memorial Anti-Tuberculosis Challenge Shield, which is awarded in appreciation of the praise-worthy and outstanding efforts to counteract the menace of tuberculosis in the area, was awarded to this Municipality successively for two years, *viz.*, 1943 and 1944.

MUNICIPAL ANTI-TUBERCULOSIS MEASURES.

The Municipal anti-tuberculosis campaign is under the control of the Public Health Department. There are 3 T.B. Clinics for out-door patients, a sanatorium for early cases and a Hospital for advanced cases.

T. B. CLINICS.

Staff.—The staff at each clinic consists of a qualified Tuberculosis Officer, a fully trained nurse a compounder, a peon and a full time sweeper. The X-Ray department at the Princess Street clinic has in addition an Honorary Radiologist, a full time developer and an X-Ray attendant.

Attendance.—General Medical Practioners, Medical Officers in charge of the ordinary Municipal dispensaries, School Medical Officers and Medical Officers in charge of Railways, Mills, Port Trust and Factories refer their T. B. and suspicious T. B. cases to the clinics. A good number of patients approach direct of their own accord for advice and treatment.

PROPAGANDA.

Leaflets.—There are printed leaflets in English, Gujarati, Marathi and Urdu emphasizing the dangers of tuberculous infection and advocating various measures for its prevention. These leaflets are distributed amongst the patients and their relatives.

Lectures and Exhibition.—During Health Exhibitions the Bombay Sanitary Association arranges for a Tuberculosis stall in co-operation with the Municipal Tuberculosis Department. Opportunity is taken of such exhibitions to distribute propaganda leaflets and to impress upon the public the value of preventive measures against tuberculosis.

Museum.—At the Tuberculosis clinic at Princess Street, T. B. Museum is fitted up for the benefit of the public. It contains a number of wall posters illustrating the incidence and dangers of tuberculosis and emphasizing the methods of prevention.

Domiciliary Visits.—In addition to her duties at the clinic, each nurse visits the homes of patients attending the clinic and also of the notified cases. During her domiciliary visits the nurse distributes printed propaganda leaflets and advises patients and their relations about ventilation, diet, clothing and general sanita-

tion. In addition to the first visit the nurse re-visits the same houses from time to time throughout the year to keep up the continuity of the campaign. A special diary is prepared by each nurse describing the number of houses visited, and re-visited, the progress of the patients and the advice given to the patient and the family.

Investigation of Patients.—The Diagnosis at the clinic is made on clinical, bacteriological and radiographic findings. There is a well-equipped X-Ray installation at the clinic at Princess Street. Patients from the T. B. Clinics, the Turner Sanatorium and the Maratha Hospital are referred to this clinic for radiography and screening. After a careful diagnosis at the clinic, patients are directed to suitable institutions for treatment. Early cases are admitted to the Turner Sanatorium according to the accommodation avaiable and advanced cases to the Maratha Hospital Patients who are not able to take institutional treatment as in-patients are kept under observation and chronic cases discharged from Hospitals and Sanatoria receive symptomatic treatment at the clinics. The sputum examination of specimens referred by Medical Practitioners is undertaken free of charge at the Municipal Laboratory.

Investigation of Contacts. The investigation of contacts is one of the most important functions of the clinic. Usually when the patient vistis the clinic, he is accompanied by a few of his relations. Advantage is taken of their presence and careful investigation is made to find out the positive contacts. The remaining members who are in close association with the patient, are advised by the nurse to appear at the clinic for investigation. Suspicious contacts from sputum-positive cases are screened at the X-Ray Department at Princess Street.

Summary of work done at the clinics during the year 1945

Total number of new admissions suffering from Tuberculosis was 8,944.

(*a*) Pulmonary T. B.	.. 8.726	.. 97.6 per cent.
(*b*) Non-Pulmonary T.B.	.. 218	.. 2.4 per cent.

Analysis according to Caste and Sex:—

Castes.	Males.	Females.	Total.
Hindus ..	3,998	1,545	5,543
Mahomedans ..	1,484	1,029	2,513
Parsees ..	35	26	61
Christians ..	542	253	795
Jews ..	19	13	32
Total ..	6,078	2,866	8,944

Distribution according to age :—

Upto the age of	10	15	20	25	30	35	40	45	50 & upwards.	Total.
T. B. Cases ..	331	696	1900	1953	1769	924	628	324	419	8944

Total number of sputa examined	..	24,00
Total number of contacts investigated	..	4,049
Total number of Domiciliary visits	..	4,300
Total number of attendances	..	52,985

X-RAY DEPARTMENT, PRINCESS STREET.

Total number of Radiograms taken	..	267
Total number of Screenings done	..	27,865

TURNER SANATORIUM

RETURN OF THE WORK DONE AT THE TURNER SANATORIUM DURING THE YEAR 1945.

I	II		III		IV	V	VI	VII	VIII			
No. of patients at the end of last year.	Number of patients admitted 358		Suffering from Tuberculosis 358		Total admitted.	Discharged	Died.	Remaining on the last day of the year 1945	Classification of 359 cases discharged.			
	Males.	Females.	Lungs.	Other parts.					1st stage (congestion).	2nd stage (consolidation).	3rd stage (Cavitation).	T. B. abdomen
71	177	181	350	8	358	359	...	70	98	252	1	8

Result of the Treatment :—

Improved	..	288
Not improved	..	63
Died	..	..
In *status quo*	..	8

Improvement in 80.2 per cent. of cases.

Artificial Pnuemothorax was induced in 149 cases.

Total number of refills was 1063.

Phrenic evulsion was performed on 42 cases.

No. OF SPECIMENS EXAMINED IN THE LABORATORY AT TURNER SANATORIUM DURING THE YEAR 1945.

Serial No.	Particulars.	Total No. of Specimens.	Grand Total.
1	Sputum ..	892	1,107
2	Urine ..	52	
3	Blood ..	117	
4	Stool ..	46	

Analysis of 359 discharged cases at Turner Sanatorium during the year 1945.

CLASSIFICATION ACCORDING TO CASTE AND SEX.

Hindus.		Mohamedan.		Christian.		Other Caste.		Grand Total.
Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	
127	103	38	69	7	11	1	1	359

DISTRIBUTION ACCORDING TO AGE.

Upto the age of.	10	15	20	25	30	35	40	45	50 & upwards.	Grand Total.
No of patients	1	12	82	122	75	37	19	7	4	359

The heaviest incidence of disease was between 20 and 30 years of age.

Effect of Treatment :—

(1) Sputum .. 262 were discharged as sputum negative.
(2) Weight .. 286 gained weight.
(3) Temperature .. 285 were discharged as free from fever.

Poor Box collection details report.

	Rs.	a.	p.
Balance on 31-12-1944—	323	10	0
(1) Total collection during the year 1945	858	14	0
*(2) Spent during the year	629	0	6
(3) Spent on—			
(1) Medicines	473	15	0
(2) Tonics	*Nil*		
(3) Newspapers	155	1	6

HOSPITAL AND ADVANCED CASES.

Advanced cases of tuberculosis were admitted to the Maratha Hospital. A separate report on the working of this institution is given by the Medical Superintendent in charge of the Hospital on page 42 of this Report.

It may however be added here that in view of the increasing need for having still more beds for Tuberculosis patients, it is highly desirable to consider the question of retaining the Maratha Hospital in addition to the new hospital.

The average total annual expenditure incurred at present in connection with the existing Municipal Tuberculosis Institutions is Rs. 2,43,383-7-0.

MALARIA.

Malaria was registered as the cause of 96 deaths. 1008 deaths were registered as due to Ague and Remittent Fevers. A considerable proportion of the number under the last two heads probably represents cases of wrong diagnosis or diagnosis based on insufficient or incorrect data.

Average number of deaths.—The number of deaths from Malaria and from Ague Remittent and Fevers in 1945 was 96 and 1008 and the annual averages in the ten years 1935 to 1944 as shown in Table No. 11 were 114 and 930 respectively.

Out of the total number of deaths due to Malaria—

42 were certified by Medical Practitioners.
51 were certified by Hospitals.
3 were verified by the Commissioner of Police.

Inspection of houses for detection of breeding places and destruction of larvae wherever found were carried on, on a systematic plan. The Wards of the City have been sub-divided into areas and each overseer is given an area that could be covered within a week. Breeding places detected were immediately dealt with. Minor structural and other defects likely to result in the breeding of mosquitoes were remedied by the staff and action was taken against owners only when the works required were extensive and costly or the defects recurred frequently.

STATEMENT SHOWING BY WARDS THE TOTAL NUMBER OF WELLS, CISTERNS ETC., WHICH WERE FOUND BREEDING ANOPHELES MOSQUITOES DURING THE YEAR 1945.

Breeding noticed in.	Wards. A	B	C	D	E	F	G	Total.
Cisterns, Overhead tanks, and cooling tanks	...	...	...	...	...	2	...	2
Wells	...	1	...	...	...	11	116	128
Masonry tanks	5	...	...	5	1	15	1	27
Static tanks	3	...	...	1	19	13	3	39
Mill tanks	...	...	...	...	...	...	...	...
Fountains, Cattle troughs	...	...	...	...	5	1	...	6
Machinery parts	...	...	...	...	...	...	...	...
Open channels	...	...	...	...	2	17	...	19
Pools, Depressions, Ruts, Pits, Ditches etc.	2	4	...	6	36	61	23	132
Ponds, Puddles	...	...	...	...	...	5	...	5
Wooden tubs	...	...	1	...	2	...	...	3
Odd receptacles, buckets, barrels, drums, jars, etc.	...	...	...	...	3	5	1	9
Roof Gutters	...	...	...	...	...	...	...	...
Quarry holes	...	...	...	...	...	1	...	1
Storm water entrances	...	...	...	...	...	...	...	...
Chunam ghanies	...	...	...	...	...	...	...	...
Low lands, grass plots	...	...	...	...	...	20	...	20
Snake farms	...	...	...	...	...	...	...	...
Tanks, Talao, Reservoirs	...	...	...	4	...	4	...	8
Seapage	...	...	...	...	...	...	...	...
Boats	...	...	...	...	1	...	...	1
Total	10	5	1	16	69	155	144	400

STATEMENT SHOWING THE QUANTITIES AND COST OF DISINFECTANTS ETC. USED DURING THE YEAR 1945.

			Rs.	a.	p.
(1) Pesterine (Oil furnace)	12,600	Gallons	2,488	8	0
(2) Oil Kerosene 125° (inferior quality)	12,540	do.	10,384	11	0
(3) Lysotol	110	do.	825	0	0
(4) Oil Castor	724	lbs.	309	3	0
(5) Paris Green	28	lbs.	77	2	0
Total Rs.			14,084	8	0

Statement showing by wards the total number of wells, cisterns, etc., where Anopheles Stephensi were found breeding during the year 1945 :—

Containers.	Wards.							Total.
	A	B	C	D	E	F	G	
Static tanks	...	...	...	...	...	1	...	1
Open channels	...	...	...	...	1	...	...	1
Pools, depressions, ruts, pits, ditches etc.	...	...	...	...	2	...	...	2
Wooden tubs, ...	...	...	...	...	2	...	...	2
Odd receptacles, buckets, barrels, drums, jars etc. ...	...	...	...	...	1	...	...	1
Boats	...	...	...	...	1	...	...	1
Total ...	...	...	...	...	7	1	...	8

Spleen Rate:

Out of 1,011 children of the poorer classes examined for enlargement of spleen in dwelling houses 9 were found to have enlarged spleen. The spleen rate for the wards mentioned was 0.9. Details by sections are as given below :—

Ward.	Sections.	No. of children examined	No. of children found with enlarged spleen	Percentage.
A	Esplanade	126	...	...
B	Dongri			
C	Dhobi Talao	125	...	...
D	Mahalaxmi	125	1	.8
E	Byculla			
	Tardeo	390	2	.5
F	Sewri B.D.D. Chawls	114	...	...
G	Mahim			
	Worli	131	6	4.5
	Total ...	1,011	9	.9

The following table shows the number of children with enlarged spleen and their percentage found by the School Medical Inspection staff during the medical examination of children in Municipal Schools :—

Ward.	Section.	No. of pupils examined.	No. of pupils found with enlarged spleen.	Percentage.
A	Colaba	185	5	2.7
	Fort North	...	...	...
	Esplanade	...	...	...
B	Chukla	...	...	...
	Mandvi	74	1	1.3
	Umerkhadi	483	9	1.8
	Dongri	511	1	.2
C	Market	164	...	...
	Dhobitalao	877	13	1.4
	Fanaswadi	1083	10	.9
	Bhuleshwar	1336	10	.7
	Kharatalao	800	5	.6
D	Khetwadi	478	1	.2
	Chowpaty	26	...	...
	Mahalaxmi	809	4	.5
	Walkeshwar	270	...	...
	Girgaum	1,078	4	.4
	2nd Nagpada	107	...	...
E	Mazagaon	692	12	1.7
	Kamathipura	563	5	.9
	Byculla	1,439	9	.6
	Tardeo	710	8	1.1
	Tarwadi	265	1	.4
F	Parel	1,582	11	.7
	Sewri	571	9	1.6
	Sion	814	5	.6
G	Mahim	3,450	19	.5
	Worli	650	3	.5
	Total ...	19,017	145	.7

Blood Slides:—Out of 633 slides taken by the Medical Officers in charge of Municipal Dispensaries and examined in the Municipal Laboratory during the year 1945, 128 were found positive for Malaria.

Municipal Dispensaries:—The number of cases of Malaria treated month by month at the Municipal Dispensaries during 1945 is shown in the following table. In the preceeding year the number of patients treated was 1,115.

Jan.	Feb.	Mar.	April.	May.	June.	July.	Augst.	Sept.	Oct.	Nov.	Dec.	Total.
64	43	61	57	45	78	68	62	60	76	88	80	782

Total cases of Malaria treated during the year at the Municipal dispensaries (first visits) were 782 only which formed only 0.4 per cent. of the total new cases treated at the Municipal dispensaries for different ailments. For the last two years, record of the cases treated for Malaria not only in the Municipal dispensaries but in the larger general hospitals in the City is maintained by this department. The attendance for Malaria forms only 0.3 per cent. of the total attendance. The percentage is negligible. Further no particulars are available to show if any of the so called first visits are relapses of the infection acquired locally or elsewhere, though from the information collected, there is reason to believe that a larger number of them may be relapses of the infection acquired out side the City. The situation so far as the City is concerned, can be said to be under control on account of the continuous eflorts made by the department.

Statement showing the total number of wells in the City and their condition on 1st January 1946 :—

Ward.	Section.	Total No. of wells in the City.	No. of wells open or partially open.			No. of wells H. C. C. with and without pump.		
			Total No.	Open.	T. D.	Total No.	With pump.	Without pump.
A	Upper Colaba	4	2	1	1	2	...	2
	Middle and Lower Colaba	30	2	1	1	23	3	25
	Fort, Southern	16	...	...	...	16	1	15
	Fort, Northern	264	21	19	2	243	14	229
	Esplanade	48	4	4	...	44	7	37
	Total	362	29	25	4	333	25	308
B	Mandvi	48	5	3	2	43	8	35
	Chakla	25	6	4	2	19	4	15
	Umerkhadi	17	8	2	6	9	...	9
	Dongri	3	...	...	...	3	1	2
	Total	93	19	9	10	74	13	61
C	Market	157	32	7	25	125	54	71
	Dhobitalao	257	60	15	45	197	48	149
	Fanaswadi	145	25	12	13	120	38	82
	Bhuleshwar	95	31	14	17	64	26	38
	Kharatalao	...	...	...	...	...	...	...
	Kumbharwada	14	2	2	...	12	4	8
	Total	668	150	50	100	518	170	348
D	Khetwadi	113	17	8	9	96	14	82
	Girgaon	120	19	8	11	101	14	87
	Chowpaty	45	10	1	9	35	11	24
	Walkeshwar	89	27	15	12	62	22	40
	Mahalaxmi	75	24	10	14	51	20	31
	Total	442	97	42	55	345	81	264
E	Mazagaon	52	3	2	1	49	13	36
	Tarwadi	56	14	4	10	42	20	22
	2nd Nagpada	...	...	...	...	...	...	...
	Kamathipura	3	1	...	1	2	...	2
	Tardeo	20	4	3	1	16	5	11
	Byculla	23	1	1	...	22	6	16
	1st Nagpada	2	...	...	...	2	...	2
	Total	156	23	10	13	133	44	89
F	Parel	57	21	13	8	36	16	20
	Sewri	22	7	7	...	15	6	9
	Sion	76	42	33	9	34	10	24
	Total	155	70	53	17	85	32	53
G	Mahim	193	103	100	3	92	46	50
	Worli	115	73	68	5	42	18	24
	Total	314	176	168	8	138	64	74
F Mills	Parel	9	5	...	5	4	...	4
	Sewri	5	3	2	1	2	...	2
	Sion	3	3	1	2	...	...	...
	Total	17	11	3	8	6	...	6
G Mills	Mahim	8	3	...	3	5	2	3
	Worli	35	12	2	10	23	2	21
	Total	43	15	2	13	28	4	24
	Grand Total	2,250	593	362	328	1,660	433	1,227

* One H.C.C. well with hand pump was newly discovered.

Wells.—The following table shows by wards the number of wells filled in etc., during the year 1945 :—

Ward.	Total No. of wells.	Dealt with		
		Filled in.	Covered	
			Completely.	with trap door.
A	362 *plus* 2*	2	...	...
B	99 „ 1*	7	2	...
C	668 „ 1*	1	2	...
D	443	1	...	...
E	156	...	...	...
F	173	1	...	...
G	358	1	...	...
	2,259 *plus* 4*	13	4	...

11 H.C.C. wells and 2 open wells were filled in.

* 2 H.C.C. wells, 1 H.C.C. well with hand pump and 1 open well, were newly discovered during the year 1945.

The total number of wells in the city on 1-1-45 was 2,259 ; 2 H.C.C. wells, 1 H.C.C. well with hand pump, and 1 open well was newly discovered during the year. As 13 wells were filled during the year under report, there were 2250 wells at the end of 1945. Out of these wells, 590 were either open or partially open wells. Of these 590 wells, 524 are retained wells, 38 Jack wells, and the remaining 28 are under action.

Almost all wells which have been allowed to be retained have been stocked with larvicidal fish. The stock is replenished every six months.

Cisterns.—Defective non-mosquito proof manhole cover was replaced by a new hinged cast iron standard pattern lid in 1 case during the year. The total No. of cisterns in the City is 60,282.

Mill Tanks.—In the beginning of the year, there were 85 mills with 91 mill tanks in the City. During the course of the year, one mill tank in the 'India United Mills, Ltd., No. 2' mill (old name—Alexandra Mill) and one mill tank in Seksaria Cotton Mill, were filled in. Thus, at the end of the year there were 85 mills with 89 mill tanks in the City. The Mill tanks are regularly examined and treated with larvicides when necessary. Only one mill now participates in the Scheme of oiling the mill tanks as desired by the Malaria Advisory Committee.

The following table shows the number of mill tanks found breeding culicines in each month in the year 1945.

Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
20	10	6	2	..	2	1	..	..	..	..	4	45

Over-head cisterns on Mills and other premises.—There are 182 Over-head cisterns on mill premises. They are all mosquito proof. There are at present 99 over-head tanks in premises other than mills. They are all mosquito proof.

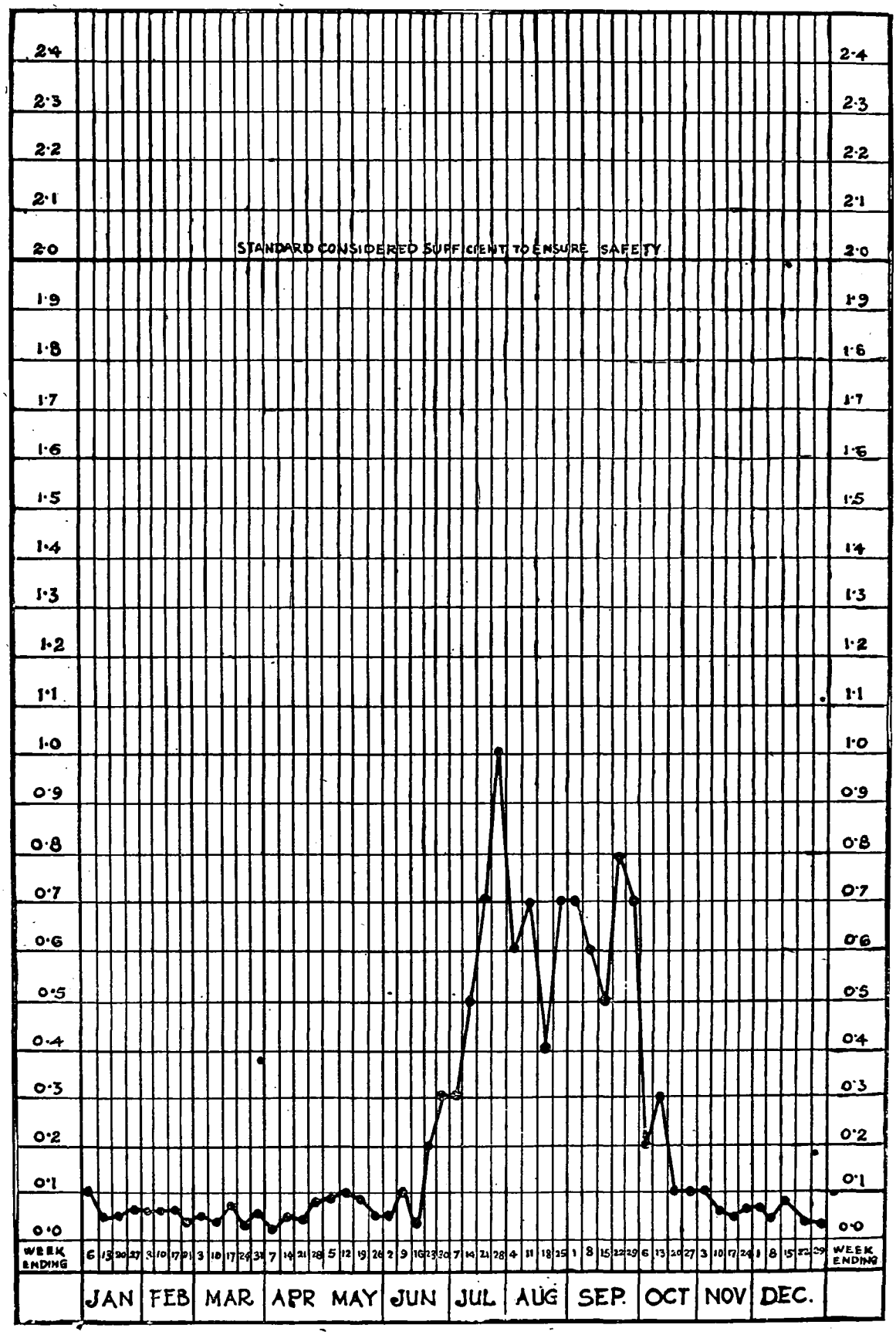
ADMISSION IN INSTITUTIONS.

The following table shows the number of Malaria Cases treated in different Institutions in the City during the year 1945. The No. of new Cases admitted is not mentioned separately.

No.	Name of the Institutions.	Admissions.
(1)	St. George Hospital	74
(2)	Cama Albless Hospital	37
(3)	Sir J. J. Group of Hospitals	4,416
(4)	Sir D. M. Petit and Motibai Hospital	503
(5)	Northcote Police Hospital	2,114
(6)	G. I. P. Railway Dispensary	2,009
(7)	Adam Wylie Hospital	28
(8)	Bomanji Dinshaw Parsee General Hospital	15
(9)	Yamunabai Nair Hospital	48
(10)	Arthur Road Hospital	56
(11)	Maratha Plague Hospital	6
(12)	King Edward Memorial Hospital	3,264
(13)	Nowroji Wadia Maternity Hospital	65
(14)	B. B. & C. I. Railway Dispensary	679
(15)	Albless Charitable Dispensary	944
(16)	Bhatia General Hospital	25
(17)	Rachael Jacob Sassoon Dispensary	629
(18)	G. T. Hospital	2,547
(19)	Bai Jerbai Wadia Hospital for children	51
(20)	British Military Hospital, Colaba	601
	Total ..	18,111

DIAGRAM G

STEGOMYIA INDEX IN BOMBAY CITY FROM JANUARY TO DECEMBER 1945



STATEMENT SHOWING BY WARDS, THE NUMBER OF STORM WATER ENTRANCES TREATED AND THE NUMBER OF OCCASIONS THEY WERE TREATED DURING THE YEAR 1945.

Ward.	No. of Storm Water Entrances treated.	No. of occasions they were treated.
A	2,170	46,699
B	1,830	12,473
C	1,963	24,221
D	2,115	58,890
E	2,334	82,974
F	3,240	71,280
G	2,696	10,675
Total	16,348	307,212

Yellow Fever.—In order to ensure sufficient safety against the risk of this disease being imported into Bombay, it is necessary to keep the Stegomiya index below 2.0 per cent. and the same was maintained below the fixed standard during the year under report, the index for the year varying between 0.02 and 0.78.

VENEREAL DISEASES.

This important aspect of public health engaged the attention of the health authorities as early as 1866 as can be seen from the report of the Health Officer for that year. The Health Officer advocated bringing of all brothels and prostitutes in the City under medical and police supervision. He then suggested legislative enactment in this direction on the lines of those in vogue at Aden where all prostitutes were brought to the lock hospital once a week and examined by the Civil Surgeon. Those found to have contracted the disease were detained until cured and those who were free from the disease allowed to return to their homes. Venereal disease, it is said, was virtually extinct from Aden.

Venereal diseases include Syphilis, Gonorrhoea and soft Chancre. These are chiefly due to impure sexual contact.

Venereal diseases are a social evil and being kept hidden through a sense of shame are difficult to be dealt with effectively save by carefully devised combination of social and medical measures both preventive and curative. In 1913 a Royal Commission was appointed in England to examine the problem in all its aspects and as a result of its recommendations, curative and preventive measures were adopted in that country. In 1913 the Health Officer, Bombay Municipality drew up a scheme for the control of Venereal diseases in Bombay and submitted it to the Royal Commission. In March 1917 under the auspices of the Bombay Sanitary Association a conference of medical men was called as a result of which the League for combating Venreal Diseases was established as a Voluntary organisation with the Executive Health Officer as its Joint Honorary Secretary. The League was a private body financed by donations and subscriptions from the public and had the following aims and objects:—

(1) To provide a dispensary and clinic for free treatment with 10 beds.

(2) To provide by lectures and by home visiting facilities for instructing the people about the danger of Venereal Diseases and to advise them on the advantage of early treatment.

(3) To enlist co-operation of large general hospitals by admitting cases for treatment.

(4) To provide facilities for medical men to obtain reports on diagnostic material.

(5) To supply Salvarsan or its substitutes to medical practitioners who have had training in the modern methods of treatment of Venereal Diseases.

(6) To provide facilities to medical men for instruction in the diagnosis and treatment of Venereal Diseases.

The methods used in the Western countries were followed by the Bombay League in a clinic established for the purpose. This clinic was taken over by the Municipality in 1925 and is at present located at 254, Bellasis Road.

The idea underlying an institution of this kind is to organise and to give a co-ordinated combat against the social evil by making arrangements for Prophylactic disinfection of those who have exposed themselves to infection, for treatment chiefly based on diagnosis arrived at by laboratory findings for follow up work and for propaganda by distribution of leaflets and through social organisations as well as by providing facilities to medical men to obtain diagnosis for these patients and training for themselves and by maintaining follow up work in order to induce patients to seek treatment and by tracing infected persons without which the disease may perpetuate in a family.

The Bombay Municipality has maintained this clinic as a special clinic for combating venereal Diseases on the same lines as a Venereal Diseases Clinic in England.

The Clinic provides facilities for the treatment of patients both male and female suffering from the disease through a Medical Officer for males and Lady Physician for the females. The nurse attached to the clinic pays domiciliary visits and induces members of the families of the patients to come to the clinic for examination and treatment, if necessary. The clinic is not simply a treatment centre, but it is a medium for a sustained combat against Venereal Disease, the principal methods employed being—

(1) Personal Prophylaxis for preventing infection of those who risk infection.

(2) Diagnosis—of infections which have already occurred.

(3) Treatment of men, women and children at one centre, morning and evening, to control infection which has occurred.

(4) Follow up of patients and lapsed cases for bringing them under medical care.

(5) Propaganda to prevent infection and to seek co-operation of patients to render them non-infective.

(6) Medical training of Post-graduate courses to students and short-refresher courses to general medical practitioners.

1 Personal Prophylaxis.—Venereal Disease has been regarded as preventable, if personal prophylaxis is properly carried out without loss of time after exposure to infection. For those that disregard propaganda that every extra-marital sexual relation is a potential source of infection, that abstinance from such relation is the best method of prevention of infection, and for those that risk infection, free prophylactic centres are kept open day and night at the following Municipal institutions, including this clinic:—

(1) Venereal Diseases Clinic, 254, Bellasis Road, Opposite Alexandra Cinema, Byculla.
(2) Municipal Dispensary, 53, Rajwadkar Street, Colaba.
(3) District No. 3, Dispensary, 259, Sandhurst Road, Near Bhendi Bazaar Tram Junction.
(4) District No. 6, Dispensary, 254, Charni Road, Opposite Central Cinema.
(5) District No. 8 Dispensary, 143, Foras Road, Tram Junction.
(6) Municipal Dispensary Dharavi, 753(B), Dharavi Road.
(7) Municipal Dispensary, 213, C, DeLisle Road, Lower Parel.
(8) Municipal Dispensary, 45, B.D.D. Chawl, Worli.

12,598 persons attended for prophylaxis at the V. D. Clinic and 1,287 attended at other Municipal Centres during 1945.

Diagnosis.—Diagnosis is done for the Clinic and for general medical practitioners and hospitals having no such facilities, and confidential reports forwarded. The following investigations were done during the year under report:—

Wassermann Reactions 940 were done at the Haffkine Institute, Bombay, for Clinic.

Kahn Test	..	2,858
Dark Ground Searches for Treponema Pallidum	..	1,262
Cultures	..	66
Smears for Gonorrhoea	..	5,217
Miscellaneous (blood smears and counts spinal fluids, etc.)	..	81

Treatment.—Treatment of men, women and children is done at the Clinic, morning and evening, to control infections which have already occurred.

Summary of cases.—The following table shows figures for the last five years:—

Year.	Number of Patients dealt with.								Number of V.D. cases carried over from previous year.	Total number of attendance.
	Syphilis.	Non-Syphilitic Sores.	Gonorrhoea.	Total V. D.	Other than V. D.	Number of patients who ceased attendance before the diagnosis was completed.	Total new cases.	No. of Prophylaxis.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1941	1,786	1,651	3,292	6,729	1,495	903	8,495	5,858	633	105,563
1942	2,743	2,510	3,601	8,854	1,665	788	10,538	11,748	719	122,294
1943	4,528	2,641	5,498	12,667	1,122	526	13,626	12,607	689	144,576
1944	4,741	4,477	4,431	13,649	1,468	1,272	15,667	12,746	732	153,079
1945	4,880	5,372	4,727	14,979	2,143	1,462	17,950	12,598	634	164,103

Daily Attendance.—The daily average of new patients for diagnosis or treatment and for prophylaxis and the average daily attendance was as follows:—

New Patients	Males 52.6	Total 62.0	Total for diagnosis and Treatment 524.3	Total daily attendance 558.8		
	Females 9.4					
Old Patients	Males 341.7	Total 462.3				
	Females 120.6					
Prophylaxis	Day 3.9	Total 34.5	Total for Prophylaxis 34.5			
	Night 30.6					

The following is the average daily attendance during the last five years:—

1941	1942	1943	1944	1945
391.4	479.2	573.7	593.2	558.8

Distribution of cases.—In all the total number of Venereal cases treated during the year 1945 was 14,979 (13,291 males and 1,688 females) and the same is classified as follows:—

	Males.	Females.	Total.
Primary Syphilis ..	1,654	236	1,890
Secondary Syphilis ..	2,324	543	2,867
Late Syphilis ..	88	10	98
Congenital Syphilis ..	11	14	25
Total cases of Syphilis ..	4,077	803	4,880
Acute and Sub-Acute Gonorrhoea ..	2,492	169	2,661
Chronic Gonorrhoea ..	1,828	238	2,068
Total cases of Gonorrhoea ..	4,320	407	4,727
Non-Syphilis Sores ..	4,894	478	5,372
Grand Total 14,979	Males 13,291		
	Females 1,688		

2,143 non-venereal cases could be grouped as follows :—

Skin Lesion	909
Non-specific Urethritis	465
Non-Venereal Gynaecological cases	306
Marriage Certificate	153
Certificates of Fitness	182
Others	128

As a result of propaganda carried on by the staff of the Public Health Department as well as the increasing popularity of the institution, a number of persons are attracted to the clinic for treatment, advice etc. The instances of this nature can be seen from the fact that 153 persons came during the year to the clinic for certificates to the effect that there was no objection to their being married and 182 that they were not suffering from any Venereal Diseases.

Follow up work.—This is done by the Nurse of the Clinic by paying domiciliary visits to bring undetected cases under medical care and to induce lapsed cases to continue treatment till they become non-infectious. The nurse paid 2,348 visits to families. The Lady physician paid 36 visits to Vigilance Associations, Women's Rescue Homes and the like.

Propaganda.—The Propaganda room at the clinic contains exhibits, posters, leaflets, pamphlets and other attractive literature on venereal diseases. Patients and visitors utilise their waiting periods in going over the material placed at their disposal and acquire special knowledge about these diseases. The Nurse of the Clinic distributes leaflets at the time of home visiting.

Group talks were given to patients at the Clinic regarding the facilities afforded about prevention, diagnosis and cure of these diseases. Visits to Rescue Homes and other Institutions were paid for doing work in health education.

Visual instructions with explanatory talk were given by the show of cinema films on 8 occasions at different places. The films shown were 'know of Sure' (a Talkie on Syphilis), 'Lost and Found' 'Syphilis'.

Medical training in Venereal Diseases.—The Clinic is kept open for obtaining special knowledge in venereal diseases after graduation. For Post-graduate and Short Refresher Courses, no fees are charged. Even General medical practitioners attended for short period for practice. Three posts with an honorarium of Rs. 50 each per month have been created in the staff of the Clinic for those who desire to have special laboratory and clinical training. Three general medical practitioners held such appointments as Honorary Pathologist and Honorary Clinical Assistants during the year 1945.

DISINFECTION.

The following table shows the number of cases of Infectious diseases, those removed to Hospitals, the number of houses vacated and disinfected and the number of articles disinfected by steam :—

INFECTIOUS DISEASES—CAUSE AND NATURE OF ACTION TAKEN IN 1945.

On account of	Cases.	Cases removed to Hospitals.	Houses vacated.	Rooms disinfected.	Articles sterilized.
Plague	13	3	...	24	80
Small-pox	603	159	...	623	347
Measles	...	5	...	54	4
Chicken-pox	...	102	...	411	1,420
Typhoid fever	1,329	79	...	1,669	308
Relapsing fever	...	...	...	...	...
Influenza	...	...	...	...	...
Cholera	86	9	...	178	187
Erysipelas	...	...	...	1	...
Leprosy	72	...	...	2	...
Tuberculosis of Lungs	1,572	177	...	12,19	180
Cerebro-Spinal fever	285	22	...	215	30
Dead Rats	...	...	...	5	...
Other Causes	942	9	...	1,211	851
Total	4,902	565	...	5,612	3,407

Quantities and Cost of Disinfectants and Insecticides used.—The following statement shows (*a*) the quantities used for disinfecting dwelling houses, rooms and other places such as house gullies, drains, privies, etc., (*b*) the total cost of the disinfectants used for each purpose, and (*c*) the total quantities in which each kind of disinfectant was used during the year ending 31st December 1945 and their total cost :—

Name of disinfectant.	(*a*) Quantities of disinfectants used. (*i*) For disinfecting dwelling houses and rooms.	(*a*) (*ii*) For disinfecting other places such as house gullies, drains, privies, etc.	(*b*) Total cost of disinfectants used. (*i*) For disinfecting dwelling houses and rooms.	(*b*) (*ii*) For disinfecting other places such as house gullies, drains, privies, etc.	(*c*) Total quantities of disinfectants used.	(*c*) Total Cost.
			Rs. a. p.	Rs. a. p.		Rs. a. p.
Pesterine (oil furnace) Gallons	9½	14,424	1 14 0	2,928 15 0	14,433½	2,930 13 0
Oil Castor Lbs.	...	724	...	309 3 0	724	309 3 0
Sol Hycol, Gallons	120	150	939 6 0	890 10 0	270	1,830 0 0
Sulphur, lbs.	11	20	2 1 0	2 2 0	31	4 3 0
Resotol Powder, Bags	...	3	...	36 15 0	3	36 15 0
Kerosene 125°, Gallons	90	12,852	106 6 0	10,745 7 0	12,942	10,851 13 0
Paris Green, Lbs.	...	28	...	77 2 0	28	77 2 0
Lysotol, Gallons	354½	230	2,494 15 0	1,647 13 0	584½	4,142 12 0
Tropical Chloride of Lime, Cwts.	...	204	...	2,881 8 0	204	2,881 8 0
Malariol, Gallons	...	...	...	...	...	...
Phenol, popular Drums	11	12	368 12 0	356 14 0	23	725 10 0
Pyrethrum extract 1% Gallons	...	...	...	...	...	...
Lysol Lbs.	...	...	...	...	...	...
Total	...	...	3,913 6 0	19,876 9 0	...	23,789 15 0

MEDICAL RELIEF

Municipal Dispensaries.—All the 19 Municipal Dispensaries were open throughout the year to administer, as in the past, free medical relief to the sick poor of the City.

The number of new cases treated at the Dispensaries during the year was 209,792 (135,004 males and 74,788 females) as against 220,910 in 1944. The total attendance numbered 737,237 as against 771,482 in 1944. These figures include 105 visits by the Dispensary Medical Officers to patients in their homes.

The diseases treated at the dispensaries during each month of the year, are shown in Table No. 5 (Appendix).

In addition to the above dispensary work, women and children are treated by two part-time Lady Doctors at 6 Municipal Dispensaries in the City between 12 noon and 2 P.M. twice a week and by the Lady Doctors in charge of the five Maternity Homes at the five Ante-natal and Post-natal Clinics attached to the respective Homes between 1 and 3 P.M. These Clinics have been working daily since June 1939. The number of new cases treated at these dispensaries was 26,023 (20,922 women and 5,101 children) as against 29,120 in 1944. The total attendance at these dispensaries was 1,19810. These figures include 11,008 visits by the Lady Doctors to patients in their homes.

Eye Dispensary and Hospital—The Dispensary and Hospital at Kamathipura are attended by two Medical Officers by turns, *viz.*—one attends on Mondays, Wednesdays and Fridays and the other on Tuesdays, Thursdays and Saturdays. The Institution is open every day from 8-30 to 9-30 A.M. except on Sundays. The Hospital has accommodation of 6 beds for males and 6 beds for females with a small Operation Theatre. The total number of new cases treated in 1945 at this Institution was 9,150 (7,196 for eye and 1954 for ears) as against 9,060 in 1944. The total attendance was 71,829 during the year as against 59,621 in 1944. The number of indoor patients among the new cases treated and total attendance were 225 and 2,941 respectively.

Attendance of new and old patients as compared with the previous 3 years was as follows :—

Year.	New Patients.	Old Patients.	Total.
1942 ..	6,242	21,605	27,847
1943 ..	7,446	42,212	49,660
1944 ..	9,060	47,603	59,621
1945 ..	9,375	62,454	71,829

A full-time resident nurse has been attached to this Hospital.

PUBLIC HEALTH PROPAGANDA AND EDUCATION

For the year 1945.

Health Education constitutes the key-note of modern public health campaign and the means available to the Public Health Educationists are (1) the spoken word, (2) printed matter, (3) pictures and diagrams, (4) exhibits, (5) lantern slides, (6) movies and (7) Radio. The Health Department through the Propaganda Section and other executive officers endeavoured to put into service all the means in achieving its aim of broadcasting health knowledge to the widest possible circle.

Health Education through the spoken word.—During the year the following series of Health Education Meetings under the auspices of "The Womens' Adult Literacy Committee" were organised exclusively for ladies at the Central Municipal Marathi School, Dongri—

Date.	Time.	Speaker.	Subject.	Audience.
3-12-45	5 P.M. (S.T.) ..	Miss Zakia Hameed ..	Infant Education ..	500 Ladies.
4-12-45	Do. ..	Miss Rabia Hameed ..	Mother and Child.	Do.
6-12-45	5-45 P.M. (S.T.)..	Mr. A. H. Khan ..	Infant Care ..	Do.
8-12-45	Do. ..	Dr. A. H. Khan, M.B.B.S. ..	Infant Ailments ..	Do.

Health Education through the Printed word.

(1) A short article on "Cholera Prevention" was contributed to 16 local English and vernacular dailies and periodicals.

(2) A note on "Anti-water waste" was contributed to 71 local English and vernacular dailies and periodicals.

(3) A pictorial message was printed on the back of one lac tramcar tickets on "General Sanitation" with a Hindi write-up.

Visual Instructions.—Magic Lantern Lectures.

Total.	Talk delivered by (Propaganda Officer,) and Medical Asstts.	Audience.	Subject.
97	1 (Propaganda Officer) 96 (Medical Asstts.)	5,000	Food and Flies, General Sanitation Cholera, Typhoid, Small-pox and, T.B.

Health Education Pictures were contributed to the following periodicals :—

Date.	Name of the Periodical.	Subject.	Language.
18-3-45	Illustrated Weekly of India.	A set of photographs taken of the Health Section, organised on the occasion of Flower Fruit Show at the Victoria Gardens, from 17-2-45.	English.

Sets of Health Education photographs were taken on the following subjects :—

(1) Slum Clearance, (2) Insanitary roadside water pots, (3) Hawkers, (4) Traffic Conjestion, and (5) Gardens, etc.

New pictorial posters on the following subjects were prepared :—

(1) Don't Waste Water, (2) Maternity, (3) A Set of 12 posters on " General Sanitation ", (4) Cholera Inoculation (in Urdu), (5) Coughing and Sneezing, (6) Good Citizenship.

The following Health Exhibitions were organised during the year.

Under the auspices of.	Date.	Time.	Place.	Approximate Visitors.
(1) Flower Fruit and Vegetable Show ..	17-2-45 to 24-2-45	8-15 A.M. to 8-15 P.M.	Victoria Gardens ..	50,000
(2) Labour Officer, Labour Welfare Department, Government of Bombay.	9-2-45 to 12-2-45	....	Welfare Centre, Government of Bombay, Worli.	15,000
(3) School Children's Health Week .. (Bombay Municipality).	25-2-45	4 P.M. (S.T.)	Gilder Tank, Play-ground.	5,000
(4) Labour Welfare Department, Government of Bombay	26-2-45 to 1-3-45	....	Labour Welfare Centre, Naigaum.	25,000
(5) Id Bazar Exhibition ..	1-9-45 to 10-9-45	6 P.M. to 12 Midnight.	M. H. Saboo Siddik Institute, Byculla.	50,000
(6) Sharbajanin Durga Puja, Parel ..	12-10-45 to 16-10-45	7 A.M. to 12 Midnight.	Near Chamarbag Road opposite. G.I.P. Railway Workshop, Parel.	60,000

The subjects covered by the Health Exhibitions.—(1) Maternity, (2) Child Health and Child Guidance, (3) Home Nursing, (4) General Sanitation, (5) Communicable Diseases, (6) Tuberculosis (7) Food Values.

Exhibiting Health Education films has been the special feature of this year's Health Education activites. Health Education films have been exhibited widely and repeatedly practically all over the City, in the open public parks and quadrangles of labour colonies, like B. D. D. or the City Improvement Trust Chawls. Mostly the films were Hindi Talkies, besides their exhibition was accompanied by microphone talks in the predominent vernacular of the particular audience, *e.g.*, Marathi, Gujarati, Hindi or Urdu.

In addition to the open air film exhibitions, an intensive School Health Education Programme was carried out through a talkie portable projector screening Health and Cultural films in the halls of educational and Social Charitable Institutions. The Health Education film campaign covered the following groups :—

Labour areas, Welfare Centres, Harijan Colonies, Educational Institutions, Orphanages, Youth's Clubs, Rescue Homes, Remand Homes, Children's Homes, Jails, etc.

In connection with teaching health through moving pictures we had to overcome many difficulties. The situation at present is that though we now possess a ' Film Mobile ' carrying a standard sound projection equipment, we have no films of our own now. Therefore a hunt had to be made for film sources all over the City and the following sources were discovered from whom documentary health and cultural shorts were borrowed very freqeuntly :—

(1) The Information Films of India, (2) The Director of Information, (3) Labour Welfare Officer, Government of Bombay, (4) Office of the United States Information Service, (5) Baby Health Week Association, (6) Foreign Consulates as the Consulate of Czechoslovakia, etc., (7) Bombay Sanitary Association, etc.

Besides borrowing films from the above sources, efforts were made to persuade the Information Films of India to produce more films on the subject of Health and for this purpose several scripts were prepared by this Department for the use of the Information Films of India and their Directors were assisted on many occasions in taking shots in the Municipal Offices and Buildings. The following films were shot by the Information Films of India with our assistance.

(1) Community Health, (2) Water for Millions, (3) Child Welfare.

The following is the report of our Health Film Exhibitions.

Total Shows.	Audience.	Talks given.	Film Subjects.
218	5,37,725	147	(1) Tuberculosis (2) Cleanliness, (3) Venereal Diseases (4) Malaria, (5) Small-pox, (6) Typhoid. (7) Balanced Diet, (8) Care of Teeth, (9) Care of Eyes, (10) Anti-drinks, etc.

A large number of posters and leaflets in various languages was distributed during the year on various subjects like Health Habits for Children, Katchra Throwing, Spitting, Coughing and Sneezing, Typhoid, Cholera, Small-pox and other infectious diseases.

Cinema slides on Typhoid, Small-pox, Cholera in various languages were exhibited in the local cinema houses.

During the year, temporary staff consisting of 1 clerk, 1 Carpenter, and 1 bigari was appointed on Rs. 55 50 and 25 per month respectively.

The following equipments were purchased during the year :—

(1) Albums On Bazar Food on Health Habits for Children, General Sanitation, Pure Milk Supply, (4) Health Publicity Section at Work.

(2) One Plywood cut out model on " Child Health ".

(3) 24 filmstrips, on Health education and cultural knowledge topics.

(4) Health films in 16mm (silent) on (1) The Dirty Cook, Part I and II (Typhoid), (2) Dangerous Habits (Intoxicants), (3) Cough Bomb (Tuberculosis), (4) Good Eating (Balanced Diet), (5) Small-pox.

(5) Six Musical Records.

A public address system equipped with a radiogram a micraphone and 2 loud-speakers was very kindly presented by the Consultate General, United States of America, to the Bombay Municipality. (Approximate cost beingRs. 1,000).

(1) 12 frames 20"×30" size, (2) Two revolving racks with six panels in each and (3) two steel cupboards for films were the additional equipments obtained during the year.

PUBLIC HEALTH ADMINISTRATION.

Aiming chiefly at the promotion of health and prevention of disease the City health administration like any Public Health Administration engages itself in organising and directing the activities of different agencies official and voluntary, towards that end. It deals generally with masses of the community in regard to Public health. It also gives due attention to both the environmental and individual aspects of Public Health work.

The relative importance of different Public Health procedures can hardly be expressed with fine mathematical precision. Nevertheless, efficient administration requires a sense of proportion and special problems must receive earlier and greater attention than others which for want of funds or trained personnel cannot be carried out at the same time.

Whatever be the various activities, they are however so interlinked with one another that they cannot be separated in the administrative or the executive aspect without prejudice and detriment to Public Health.

In Bombay, as in other countries, the Public Health activities of the Municipality are centralised in the Executive Health Officer and they comprise—(1) Conservancy and General Sanitation including Housing: (2) Food Sanitation: (3) Registration and Vital Statistics: (4) Control of Communicable Diseases; (5) Hygiene including Maternity, Infant, pre-school and School Health: (6) Laboratory work; (7) Medical Relief; (8) Publicity and Health Propaganda, and (9) Welfare work among labourers.

(1) Conservancy and general sanitation are the essential services rendered by the Public Health Department which have an important bearing on the health of the City. The two services cannot be formed into two separate units independent of each other but for the sake of arrangement of work they may be described as follows:—

Conservancy includes the work of cleansing streets, gullies, foot-paths, etc., removal of chokes from drains, collection, removal and disposal of refuse, halalkhore service, gully sweeping, gully flushing, road washing, dog licensing, destruction of rats and dogs, veterinary service, control of infectious diseases among animals, removal of carcasses, disinfection and disinfestation of the environments of places where communicable diseases occur, ambulance service, etc.

General sanitation comprises inspection and supervision of all premises with a view to detecting sanitary defects and taking steps to remedy them, provision of public sanitary conveniences, maintenance of premises in a sanitary state, taking of action against defaulters, sanitary control over factories and other licensable trades, housing and action with regard to overcrowding, finding out defects regarding houses unfit for human habitation and taking action against the same.

(2) Food sanitation entails control over adulteration of food, supervision over food exposed for sale and of food handling establishments, destruction of unwholesome food, etc.

(3) Registration and vital statistics include the arrangements for the registration of births and deaths taking place in the City, maintenance of records of the vital events affecting the health of the City and regulations of places for the disposal of the dead and the provision of new places for the said purpose.

(4) Control of communicable diseases entails measures for the prevention of diseases like Small-pox Plague, Cholera, Typhoid fever, Tuberculosis, etc., and the provision of hospitals for the isolation and treatment of such diseases. It also includes the establishment of clinics for the treatment of diseases like Tuberculosis, Venereal Diseases and the like, follow up work through the health visitors and medical officers and arrangements for vaccination and inoculation of the public. A special section is run for control and prevention of Malaria.

(5) Hygiene includes care at homes and at clinics for ante-natal, natal and post-natal cases of infants and toddlers and provision of maternity care at institutions. School health and hygiene is carried out through medical inspection of school children and the correction of defects through clinics, dispensaries, etc.

(6) Laboratory work consists of routine and special examinations. It includes examination both chemical and bacteriological of water, sewage, etc., and of all kinds of articles bearing on health particularly under the Bombay Prevention of Aduleration Act and also of the examination of clinical specimens such as sputa, urine, blood etc., of the patients treated at Municipal institutions.

(7) Medical Relief consists of treatment provided at hospitals and dispensaries including those conducted for the treatment of diseases peculiar to women and for the treatment of eye ailments.

(8) Education is the basis of modern Public Health work if permanent results are to be obtained. With that end in view, a Public Health Propaganda section has been opened for mass education of the public in matters pertaining to health.

(9) Welfare work comprises recreational activities, educational activities, health work and labour officer's work among the Municipal workers.

Conservancy Branch is in charge of a Head Supervisor who has under him 9 Supervisors, 7 Senior Overseers, 54 Junior Overseers, 12 Depot Attendants, 15 Caretakers, 3 Dog Catching Sub-Inspectors and other staff, 2 Supervisors and 8 Overseers for dog licensing work.

The Veterinary staff includes, 1 Senior Veterinary Inspector and 3 Junior Veterinary Inspectors, who are all qualified Veterinary Surgeons and inspect all public stables in the City and are also in charge of the Municipal Bullock Hospital and of the segregation sheds at Tardeo Flats. In addition to this staff, there are 9 Veterinary Assistants who are responsible under the Conservancy Supervisors for the health of bullocks in the eleven Health Department Stables.

For sanitary administration the City has been divided into seven wards A to G grouped into four divisions, *viz.* A and B Wards, C and D Wards, E Ward and F and G Wards, under Assistant Health Officers responsible for the sanitary work of their respective divisions. There are thus four Assistant Health Officers in charge of the four main divisions of the City.

The Island has been further sub-divided into 51 sections in charge of Inspectors styled Medical Assistants and each Inspector in the section to which he is appointed is required to undertake the work incidental to registration and sanitation.

The 51 sections have been arranged in groups to form 10 Registration and sanitary Districts, the work in each of the 10 Districts being supervised by a Senior and /or Junior Medical Inspector. There are 7 Senior and 11 Junior Medical Inspectors who are required to be Medical men and to work under the orders of the Assistant Health Officers of the wards in which their respective Districts are situated. An exception to the rule regarding the possession of medical qualification is made in favour of the old grade Sanitary and Assistant Sanitary Inspectors.

For the control of milk trade, 14 Sub- Inspectors are employed under the Supervision of 3 Senior Medical Inspectors. Sampling of milk is carried out by the Sub-Inspectors and Medical Inspectors. The latter are also responsible for taking samples of other articles of food under the Prevention of Adulteration Act.

There is one Municipal Infectious Diseases Hospital at Arthur Road for the treatment of patients suffering from all Infectious Diseases except Tuberculosis and Leprosy. It is under a Medical Superintendent with a permanent staff of 1 Resident Medical Officer, 1 Assistant Medical Officer, 2 Medical Registrars, 2 House Physicians, 1 Hon. Pathologist and Bacteriologist, 1 Laboratory Technician, 1 Matron, 1 Senior Sister, 5 Junior Sisters, 11 Staff nurses, and 12 Probationer nurses. This staff is supplemented from time to time by a temporary one to cope with the increase in the number of patients.

Tuberculosis patients are treated at the Turner Sanatorium at Bhoiwada and at the Maratha Hospital at Connought Road which are under a Medical Officer with a staff of 2 Medical Assistants, 2 Matrons, 2 Sisters and 14 Nurses.

Tuberculosis patients are treated at the out-patients clinics at Princess Street, Foras Road and Lalbaug which are attended by two Medical Officers with the staff of 1 Hon. Radiologist and 4 Nurses working under them.

Venereal Diseases cases are treated at the special Clinic at Bellasis Road which is under a Medical Officer with a Lady Physician, 1 Clinical Assistant, 1 Clinical Pathologist and a Nurse working under him.

Leprosy cases (in-patients) are not treated at any Municipal Institution, though the non-infectious type of these are dealt with at the Municipal General Dispensaries. This activity is carried on by a Board of Management with the Municipal Commissioner as the President and the Executive Health Officer as the Hon. Secretary. Besides the grant-in-aid paid for this activity, the Municipality have recently appointed a Health Visitor to do the work of visiting patients in their houses and to keep up the link between the Clinic and the home.

The Anti-Malarial measures were carried out during the year by a staff consisting of 6 Medical Inspectors, 95 Sub-Inspectors, 7 Muccadums, 207 labourers, 1 Carpenter and 1 Mason under an Assistant Health Officer, (Malaria), subject to the general direction and control of the Executive Health Officer.

The Vaccination staff includes the Superintendent, 1 Head Vaccinator and 16 Vaccinators, including one Female Vaccinator which was supplemented by a temporary staff of 2 Vaccinators to meet increased demand.

Ante-natal care, care at birth, care during infant and pre-school life is rendered to the public through the five Municipal Maternity Homes which are placed under the charge of Lady Medical Officers who have under them a staff of 19 Nurses and 10 Health Visitors working under them. A small maternity unit has been started at Dharavi and is given in charge of a trained Health Visitor who works under the general guidance of one of the Lady Medical Officers incharge Municipal Maternity Home.

Care in school life is given by the branch for the Medical Inspection of School Children with the inspectorial staff of one Medical Inspector, one Medical Inspectress, 2 Junior Medical Inspectors, 1 Junior Medical Inspectress and 1 Assistt. to the Medical Inspectress.

The children with physical defects are sent to dispensaries and institutions according to ailments and those with major defects are generally sent to the special school clinic maintained at the K. E. M. Hospital under the care of a School Clinic Organiser and Assistant School Clinic Organiser.

The analysis of samples of food, samples of the Municipal water supply and of clinical specimens is carried out in a Laboratory attached to the Health Department by the Municipal Analyst, who is assisted by 1 Assistant Analyst, 1 Assistant Chemist, 2 Assistant Bacteriologists, 2 Junior Laboratory Chemists.

General Medical Relief is administered through the nineteen free dispensaries in different wards under 18 Medical Assistants, 6 dispensaries for women and children under two part-time lady doctors, one eye hospital and an eye dispensary at Kamathipura under two Honorary Surgeons and one senior nurse.

Health Publicity section has been opened since November 1942 and is in charge of a Propaganda Officer under the direction of the Executive Health Officer.

Welfare work among labour staff is carried on by a Lady Welfare Organiser with two Assistants and one Woman Assistant welfare officer (Health Visitor) and staff of 11 teachers for sewing classes, 11 women workers, 10 men workers and 12 Assistant men workers, one games teacher, a band-master and two Gymnasium teachers. Except the Organiser and her Assistant, the other staff are part-time workers.

Conservancy.

During the year, Conservancy Branch attended to (1) Cleansing of Roads, Footpaths and House Gullies, (2) Roadscraping, (3) Collection, Removal and disposal of refuse, (4) Road-washing and Gully Flushing, (5) Cleansing of House drains, (6) Collection, Removal and disposal of Night Soil, (7) Rat Destruction, (8) Destruction of Stray Dogs, (9) Dog Licensing, (10) Catching and impounding Stray Cattle, (11) Removal of Dead Animals, (12) Infectious Diseases Ambulance Service and Service for removal of Dead Bodies, (13) Prevention of various types of nuisances and (14) Veterinary Service.

Cleansing of Roads, Foot-paths and House Gullies.—The arrangement of cleansing was more or less the same as in the previous year except for slight deviation with a view to maintaining the streets as clean as possible. Roads, Foot-paths and House Gullies in the City were cleaned as frequently as the locality demanded. These are, as a rule, cleansed twice daily, but some roads are given more attention and swept even four to six times a day.

In addition to this regular service, arrangements have been made to clean some of the roads and foot-paths during non-working hours by detailing a special staff for the purpose, thus keeping such places clean throughou the day.

Places of recreation such as Apollo Bunder, Cuffe Parade, Marine Drive, Warden Road Scandal Point, Love Grove Road and Worli Promenade, were rendered special service especially at times when people resort to these places for recreation, by appointing special staff of about ten men as during these hours dropping of refuse at these places is considerably heavier, rendering them filthy. These droppings are immediately picked up by these men and removed. This helped in rendering these places cleaner than before.

In addition to the sweeping of roads, they are also brushed and scraped to remove the dust and dung as well as the droppings of the peeling of fruits etc., from their surfaces as frequently as possible by employing a special staff for the purpose.

Total mileage in length of various types of roads, foot-paths and house gullies with their area in square yards that the Conservancy Branch cleanses every day is given below :—

	Roads.	Foot-paths.	House Gullies.
Miles ..	268.04	236.67	104
Square Yards ..	50,03,707	2,258,485	329,700

Refuse Collection and removal.—All refuse collected by sweeping etc., from the roads and gullies is removed in hand-carts and travelling carts. From the hand-carts, it is transferred to travelling carts or to the refuse sheds provided at different places in the City. The travelling carts remove the refuse to the different temporary dumps or to the places of disposal assigned for the purpose in the City. The refuse collected in the refuse sheds is removed in lorries to the places of disposal at least twice a day.

Domestic refuse is collected in the galvanised sanitary bins having a capacity of 2 c. ft. provided by the owners following the action taken by this Branch under Section 368 of the Bombay Municipal Act. Such refuse is collected in the receptacles on the ground floor of the premises or in the compounds whence it is removed by the Municipality once a day by the lorries or carts. This system of " House to House Collection of Refuse " is in vogue in some of the Wards and in certain parts of other Wards of the City. In the interest of sanitation, this system needs to be extended to other parts of the City which will depend upon the availability of additional transport and men and will do away with the necessity of maintaining refuse sheds and dumping places which are a source of nuisance in the City.

Sanitary Bins.—31,437 buildings have been provided with 120,287 bins at the cost of owners. Actions for the replacement of missing as well as broken sanitary bins are taken as far as practicable by this Branch and every effort is made to see that the refuse from the houses is removed regularly and systematically.

The followiwng table shows the refuse collected and removed in tons by the street cleansing Section :—

Population Census 1941.	Area in Acres.	Tonnage of refuse collected and removed.			Total estimated
		House and Street.	Trade.	Market.	
14,89,883 (actual over 23,00,000)	16,761.6762	6,13,050	35,850	40,620	6,89,520

The vehicles used for the collection and removal of refuse consist of 330 units comprising of 43 mechanically-propelled and 287 bullock-drawn vehicles. Most of the mechanical transport are old and have outlived their usual life and need replacement. This is a serious handicap to this Branch. In order to tackle increased output of the refuse nine extra transport lorries were employed.

Public Receptacles and Refuse Collection Yards for the storage of refuse :—

Street and orderly bins.	Dust bin cart stands.	Refuse bucket bins on stands.	No. of dust bin sheds.	No. of refuse collection Yards.
18	132	30	158	3

The refuse collection yards mentioned above are situated at (1) Palton Road, A Ward, (2) Ghorupdeo E Ward East and (3) Parbhadevi, G Ward South. Sweepings from streets and gullies from some of the parts of A, B and C Wards close to Palton Road are brought by carts to that yard, from some portions of E Ward to Ghorupdeo and those from F and G Wards to Parbhadevi Yard. These collections are subsequently removed to Mahalaxmi Sidings by motor lorries.

Refuse Disposal.—The following table shows the quantity of refuse in tons disposed of by various methods :—

Quantity of refuse disposed of by various methods.

By rail to Deonar.			By reclamation.			By incineration.	By manure pits.
House hold.	Trade.	Market.	House hold.	Trade.	Market.		
378,800	28,225	22,769	234,250	171,533	17,851	4,545	65,817

Totals.			
House hold.	Trade.	Market.	Total.
613,050	270,120	40,620	923,790

Reclamation grounds in the City,

(1) Hornby Vellard, (2) Haines Road, (3) Matunga Railway Lines and (4) Dharavi Low lying Lands

The quantity of refuse disposed of was more than that in the previous year. This can be attributed to the increase in population, growth of industires etc.

Road Washing and Gully Flushing.—The asphalt, concrete and set-stone roads are washed by this Branch twice a month. All roads are washed in about four days, by employing both the road washing and gully flushing gangs. The washing of roads is done in the 1st week and 3rd week of every month in the early hours betweenf 2-30 and 5-30 A.M. (B.T.).

This arrangement of washing the roads in the early morning has resulted in reducing the number of accidents to horses and bullocks as the roads get dry before the heavier vehicular traffic commences in the morning. This is an improvement in work though it causes a bit of inconvenience to the persons sleeping on the roads and footpaths at night on account of insufficient housing accommodation etc. These roads require to be washed more frequently, say, once a week to keep them free from dust. But unfortunately, this is not feasible on account of scarcity of water and inadequate staff. This is, however, kept in view and will be given effect to even at extra cost on labour and equipment etc. when water supply improves and normal conditions return.

Gullies are flushed now-a-days once every three weeks. These gullies need flushing more frequently to keep them free from dirt and filth, but owing to the same difficulty as mentioned in the case of road washing the arrangement had to be deferred for better times.

Statement showing the work of road scraping, road washing and gully flushing done during the year.

Road scraping.		Road washing and gully flushing.	
Area of roads scraped in sq. yds.	Tonnage of road scraping collected.	Areas of roads and footpaths washed in sq. yds.	Area of paved gullies flushed in sq. yds.
81,39,035	31,118	244,27,320	68,05,820

Cleansing of house drains—The Conservancy Branch attends to the cleansing of house drains and removal of chokes therefrom and this work is attended to as promptly and as efficiently as practicable. Deep and difficult private drains are attended to by the Drainage Department and necessary assistance is given by this Department in relieving such chokes. Statement showing the house drain work done by this Branch during the year 1945 :—

No. of temporary chokes removed.	No. of pipe lines cleaned.	No. of drains rectified at the owners' cost.
395,271,	22,074	80

Salvage operation.—Decomposed food-stuffs preserved in tins were received at the places of disposal. Some irresponsible rag-pickers were detected at Deonar refuse dumps collecting the tins with the object of selling them to some shop keepers or consuming the stuff themselves. On detecting this, steps were taken to prevent the danger arising from the possibility of consumption of the stuff by not allowing the same to be sent to Deonar. Instead, these tins were opened at Mahalaxmi and the contents destroyed. The empty tins are sold by auction or by calling offers. As this was not possible with the existing staff 4 extra labourers were employed to work under the supervision of Senior Overseer, Mahalaxmi Siding to open and clean such tins and sell them by auction from time to time. Further, with a view to giving some impetus to the salvage problem, refuse-materials, such as wooden boxes, broken glasses, old gunny bags, paper boxes, scrap iron etc., were picked up and stored. These articles were cleaned and were also sold by public auction. This step resulted in a small source of revenue to the Municipality besides removing the possibility of some of them going into the hands of the public in unclean condition. The amount realised during the year from such sales was Rs. 2,266.

Slavage problem is important from the public health as well as from the economic point of view. The rag pickers etc., were seen collecting all useful material from the refuse at all places. The work was, however, not taken up by this Department so far, especially as there was not much demand for such waste collected. On account of the war-conditions and the springing up of different industries in the City, a gradual demand for the materials mentioned above has been created. With the growth of these industries the demand for such articles is likely to increase and the Municipality will be faced with the problem of saving all possible useful material for industrial purposes It would also be necessary to take precautions to see that such materials do not go into the hands of the people for sale without being properly cleaned or disinfected. A beginning has been made and it is hoped that it will be possible to maintain its progress. The present arrangement of salvage will be continued till such time as the scheme materialises and the time becomes opportune to put it on a sounder basis. Proper steps are being taken to see that the stuff is properly and systematically collected and disposed of in a manner causing less nuisance and danger to the public health. All precautions are required to be taken with due consideration of the advantages and disadvantages of the problem and the matter will therefore have to be observed carefully for some time before further steps are taken to establish the scheme on a permanent basis.

Collection removal and desposal of night soil—Contrary to the situation obtaining in normal years halalkhore work increased considerably. This was due to the construction of many temporary privies and cesspools on account of the military and labour camps that sprang up in the City. The work of converting privies on basket system into water closets on full flushing system in the Northern part of the City was held up again this year on account of the war situation. The work was arranged for and carried out as best as it was possible with the limited means and equipments in hand. 44 cesspool carts and 3 cesspool lorries were employed to cope with the work. The work done by the Halalkhore Branch in the year 1945 is as shown below :—

No. of hands employed.	Total number existing.					Amount of excrementitious matter removed.	
Basket Halalkhore including (vacant ground) cleaners etc.	Cesspool Cart drivers.	Privy seats.	Cesspools.	Septic tanks.	Soakage pits.	From privies. Baskets.	From cesspools. Gallons.
718	40	2,040	638	121	47	615,946	1,00,08,000

The work of cleansing the spetic tanks attached to the private premises in the unsewered areas in the City was continued this year also by this Branch free of charge. There are in all 121 septic tanks in the City, majority of them being in F and G Wards.

Basket privies.—During the year 1945 the number of seats to be converted in the sewered areas of the City was as under :—

Ward.	No. of privy blocks in sewered areas.	No. of privy seats in sewered areas.
A ..	..	..
B ..	..	..
C ..	2	4
D ..	1	2
E (East) ..	2	6
E (West) ..	1	2
F ..	39	179
G (South) ..	119	270
G (North) ..	127	245
Total ..	291	708

The following table shows the number of basket privies in the unsewered areas :—

Ward.	No. of privy blocks in unsewered areas.	No. of privy seats in unsewered areas
F.	279	721
G. (South)	30	27
G. (North)	136	584
Total ...	445	1,332

The following table shows the public sanitary conveniences as existed in the year 1945 :—

	Latrines only.	Urinals only.	Bathing places only.	Combined latrines and urinals.	Combined latrines, urinals and bathing places.	Basket privies.	Total.
No. of structures	46	116	6	61	21	8	258
No. of seats	415	..	..	282	115	..	812
No. of stalls	..	379	..	244	80	..	703
No. of bathing cubicles	..	..	22	..	87	..	109
No. of privy seats	..	..	..	..	..	96	96

Revenue derived by rendering special services and the sale of Rights.—The following table shows the revenue derived by this Branch during the year from Special Halalkhore and Conservancy Services rendered as well as from the sale of different rights such as, manure, cultivation, cutting grass etc.

	Rs.	a.	p.
Special Halalkhore service ..	23,987	2	0
Conservancy Service removal of refuse etc. ..	60,009	14	6
Salvage operation ..	2,266	0	0
Sale of H. D. Rights ..	70,587	2	0
Removal of Carcasses ..	6,147	6	0
Total ..	1,62,997	8	6

Rat Destruction work.—Rat catching and killing operations were carried out as vigorously as possible with the means available and with satisfactory results. The rat campaigns had to be intensified on account of the threatened danger of plague especially as a number of plague cases were imported during the year. 110 Rat Catchers were engaged on this work. In addition to this staff, assistance of general labour staff was taken for carrying out rat catching work systematically in different parts of the City. This work was carried out by adopting the following methods—(1) Trapping (2) Gassing (3) Flooding rat holes with water and killing : (4) Baiting. (5) Killing rats during night time specially in localities where grain godowns, markets and stables are situated. The work of rat baiting in houses could not be carried out as efficiently as it ought to have been for want of co-operation from the public. Such operations were not allowed to be carried out in many of the premises even though complaints of rat nuisance poured in persistently from them. With all the difficulties and hindrances experienced in the execution of the work, this branch pushed on its way and was able to catch 8,28,945 rats as against 7,65,588 rats in 1944 and 6,84,194 rats in 1943. It is gratifying to note that none of the rats caught and destroyed was found infected by the Haffkine Institute.

Baiting Co. 3.	Traps laid.	Synovas Baby Duster.	No. of rats killed and found dead.	Taken alive.	Total.	Rats examined.	Rats found infected.	Rats found infected per cent.
58,48,273	3,24,368	34	5,39,531	2,89,414	8,28,945	3,50,657	...	...

Dog Destruction work.—The work of catching and destroying stray and ownerless dogs was carried out throughout the year. The following methods were adopted for this work:—(1) American Buck-skin hand Gloves (2) Tongs in case of rabid and unmanageable dogs (3) Specially prepared nets for catching dogs (4) Strychnine poison in case of wild and furious dogs that escape all other methods.

Stray and ownerless dogs were caught and sent to the lethal chamber for further disposal daily.

In case of a rabid dog having bitten any person, intimation is required to be given to the nearest Police Station by the person receiving the dog bite. Such a dog, after it is caught, is sent in the first instance to the Police Station and after the case is recorded, it is further sent to the Sakarbai Hospital by the Police for examination and disposal. When the dog is sent to the Sakarbai Hospital under Police authority, no charges are preferred on account of the examination fees, etc., but in case the dog is sent to the Haffkine Institute or Sakarbai Hospital directly either by the owner or by any institution, charges for the examination are recovered from the sender.

Total number of dogs caught during the year 1945 was 6,873 out of which 5,594 were destroyed either by electrocution or by Co. gas.

Dog bite cases treated at the Haffkine Institute for the last 5 years are given below. The cases attending the institute show that the public are taking keener interest in guarding themselves from the ill-effects of dog bites. These cases include a large number of bites of pet dogs :—

1941	..	2,930
1942	..	3,051
1943	..	3,482
1944	..	3,232
1945	..	3,332

This Branch is taking all possible steps to eliminate and destroy as many stray and ownerless dogs as possible. Though during the year under report 6,873 dogs were caught and disposed of, the menace from stray dogs does not seem to have been controlled. Inspite of frequent raids carried out in different localities and even after clearing the localities of stray dogs, some were still found at subsequent raids. Definite reasons for this cannot be assigned at this stage, but it appears that many dogs come from the suburbs daily and many stray bitches still escape catch, owing to the fact that the people conceal such dogs at the time of raids. Continuous efforts are being made to catch such dogs as far as practicable. After watching the situation about stray dogs for some years, measures will have to be taken to prevent their entry from the suburbs.

Dog Licensing.—The work of licensing of dogs in the City was carried out on the same lines as in the year 1944-45. Though the public notification was issued on 26th April 1946 many of the owners of dogs did not come forward to get their dogs licensed in time and the dog licensing staff had to resort to the issue and service of notices against them. The licensing work was thus carried out with great difficulty. The Junior Overseers had to search for the unlicensed dogs from house to house and also to trace out the dogs licensed in the previous year and remaining to be licensed during the year under report. It is for the owners to get the licenses renewed voluntarily every year but from experience it was found that the owners were careless in doing so. It was, therefore, thought necessary to intimate to them about the renewal of licenses before the 1st of April every year, and with this view a provision has been made in the Budget proposals for the year 1946-47.

In the beginning it was expected that the number of licenses issued would exceed that issued in the previous year, *viz.*, 10,588 but it was found otherwise. The number of licenses decreased considerably inspite of strenuous efforts made to make the owners take the licenses for their dogs and to remove the unlicenced ones. The number of licenses issued during the year was 8,637. The decrease in the number of licenses may possibly be due to the public who were maintaining the dogs out of sympathy not taking steps to renew the licenses but allowing the dogs to be removed or destroyed. Some of such dogs were handed over to the Municipality for disposal or disposed of personally by sending them out of Bombay.

The following statement will show the causes for recording lesser number of licences during the year :—

Details of causes.	Number.
1. Dogs dead	1,203
2. Dogs sent out of Bombay	932
3. Dogs sent to Panjrapole for disposal	212
4. Dogs which could not be traced on account of change in ownerships or change of addresses, or reported to be missing.	56
5. Dogs offered—	
(1) Voluntarily for destruction	50
(2) Not released by owners when caught in raids and had to be destroyed	
Total ..	2,453

With a view to tracing unlicensed dogs and to getting them licensed as well as to destroying ownerless dogs and to checking the misuse of Numbers tickets, general house to house inspections were arranged with the help of the Conservancy Junior Overseers and Supervisors from time to time. 5,745 dogs were caught either from private premises or public places out of which about 638 dogs were released by the owners either from the dog kennel or from the detention chambers after taking out licenses. In about 10 cases misuse of Numbers tickets was detected during the course of the year. These dogs were not claimed and hence they were disposed of. Detection of misuse of No. tickets goes easy as their shapes are changed every year.

Though the number of licenses issued was less than that of the previous year, as stated above, nuisance from dogs seems to have been considerably on the decrease. The Numbers of complaints about nuisance from dogs was less than that of the previous year. Some dogs complained of as stray ones were on inquiries found to be licensed dogs but believed to be stray ones on account of the Numbers tickets having not been put on them by the owners but allowed to move about in the public places. Many of such dogs are caught by the staff and

the owners release them from the dog kennels or detention chambers. Some stray dogs escape the catch on account of some irresponsible persons concealing them on getting a scent of the raiding parties in the locality and it goes difficult for the staff to keep a watch over such places and to pay frequent visits thereto, to catch them. If public co-operation is forthcoming, the nuisance from stray and ownerless dogs from different localities will abate. For the last two years steps were taken for licensing owner's dogs and destroying or disposing of the rest of the dogs caught. This section has done its utmost and carried out this work very stisfactorily checking the nuisance from stray and ownerless dogs in the City.

STATEMENT SHOWING THE WORK CARRIED OUT BY THIS DEPARTMENT :—

	From April 1944 to March 1945.	From April 1945 to March 1946.
Number of notices issued	10,053	8,130
Number of licenses issued	10,688	8,637
Number of dogs caught	8,126	5,745
Number of dogs released	916	638
Number of dogs supplied to hospitals*	123	* Work of supplying dogs free of charge to Hospitals has been discontinued from 1st March 1945.
Number of dogs sold	3	34
Number of dogs destroyed	7,037	5,085
Number of dogs detained on last day	47	29

STATEMENT SHOWING THE INCOME DERIVED FROM DIFFERENT SOURCES DURING THE SECOND YEAR FROM 1st APRIL 1945 TO 31st MARCH 1946.

	Rs. as. ps.
Tax on dogs	41,995 0 0
Cost of No. tickets replaced	359 0 0
Sale of dogs	62 12 0
Feeding charges	257 12 0
Miscellaneous	112 4 0
Total	42,786 12 0

Catching and impounding stray cattle.—The catching and impounding stray cattle is mainly the work of Police under Section 52 of the City of Bombay Police Act, but with a view to abating the nuisance from stray cattle, the Municipality has undertaken to carry out the same as far as possible. The work was carried out accordingly this year also. 329 raids were arranged in different localities of the City as a result of which 1,166 cattle were caught and sent to the Police Pound.

Removal of Dead Animals.—Dead animals both small and big, from the City were collected and removed and the removal charges recovered from the owners as per scale of Fees fixed by the Corporation. The carcasses of dogs, cats, and such other small animals were removed free of charges. In some cases dead animals were taken direct by the owners to Mahaluxmi Siding, for which no fees were recovered. During the year under report, 2,236 big and 16,468 small dead animals were removed by this Branch. The removal charges recovered were Rs. 6,147-6-0.

Infectious Diseases Ambulances and Hearses.—This Ambulance service is rendered free of charge within the limits of the City. The garage is situated at Arthur Road. There are 4 Ambulances for removing patients suffering from infectious diseases to the Infectious Diseas s Hospitals These Ambulances are kept in readiness at the garage throughout day and night. Patients suffering from other diseases, lying either on the roadside or in char table Institutions are also removed free in these ambulances. Patients discharged either from the Infectious Diseases Hospitals or from the Maratha Hospital are allowed free use of these Ambulances for going back to their residences. This service is also made available for removing patients suffering from infectious diseases from or to places outside the City limits of Bombay on a charge of 0-12-0 per mile, deposit to cover up charges being taken in advance provided that it can be spared conveniently.

There are two hearses for the removal of Christian and non-Christian dead bodies from the hospitals to their homes or to cemeteries There is also one dead body van attached to the K.E.M. Hospital for the same purpose. For the service of the dead body van or the hearse, a charge of Rs. 5 is made for the 1st hour and Rs. 3 are recovered for every subsequent hour, exemption being allowed in deserving cases.

A free service of hearses is made available for the removal of christian paupers to cemeteries within the City limits on production to the Officer-in-charge of the ambulance service at Arthur Road of a certificate from the parish priest.

The hearses and the van are also made available for the removal of dead bodies outside the limits of the City on the same lines as the infectious diseases ambulances.

In addition to the above, Maternity Ambulance Service and street ambulance service are available to the public and are under the control of the Officer Commanding Fire Services, Bombay. The former is made available for conveying patients from their homes to Maternity Homes or Hospitals free of charge, while the latter service with 5 ambulances is rendered free of charge in case of accidents occurring in streets and factories in the City and on a charge of Rs. 5 for the 1st hour and Rs. 3 for each succeeding hour or fraction thereof for removing patients suffering from diseases other than infectious ones.

The work done by the Health Department Hearses and Infectious Diseases Ambulances during the year 1945 is given below :—

(1)	No of pauper christian dead bodies removed by the Health Department hearses ..	433
(2)	Number of non-christian dead bodies removed by the Health Department hearses ..	106
(3)	Number of patients removed by the Infectious Diseases Ambulances ..	8,048
(4)	Charges received for the services rendered by hearses and ambulances in the City and outside the City limits	Rs. 14,284

Prevention of various types of nuisances.—The Branch has to deal with various types of nuisances, such as (1) Throwing of ref se from the houses in the streets and gullies indiscriminately and at places not assigned for the purpose, (2) Fouling the public roads by urinating and defuecating in different parts of the City, (3) Indiscriminate spitting.

Every effort is made by this Branch to watch and detect the offenders who are prosecuted under Section 372 of the City of Bombay Municipal Act for committing nuisance by throwing of refuse and excrementitious matter and under Section 124 of the Bombay City Police Act for committing nuisance by urinating on the public road and places.

For the convenience of the general public when they are out from their homes, facilities are provided to deposit waste paper a d such other light refuse etc. 236 waste paper bins and 35 sputum bins are provided on the streets. They are fix.d to the Tramway and Gas Light Poles and are attended to by the scavenging staff daily while on work.

Propaganda has also been carried out by the Propaganda Officer to educate the public in this direction. This Branch is assisting the Propaganda Officer in carrying out the publicity activities by sparing staff and materials to arrange Health Exhibitions f.om place to place and to carry out all the publicity measures as far as practicable.

The places fouled are cleaned and disinfected as promptly as possible.

The following table shows the Number of prosecutions launched by the Nuisance Detectors and amount of fines inflicted on the offenders :—

No. of cases under 372(e) of the Municipal Act.	No. of cases under 124 B.C.P. Act.	Fines under Sec. 372(e)	Withdrawls and Acquittals 372(e)	Fines under Section 124 B.C.P. Act.	Withdrawls and Acquittals 124, B.C.P.
		Rs. a. p.		Rs. a. p.	
1,414	3,025	1,178 7 0	111	1,817 8 0	185

Pigeon Nuisance.—At a number of places in the City pigeons are fed by charitably disposed people. In some cases, pigeons are a source of nuisance and annoyance to the surrounding localities. As in the previous year, efforts were made by this Branch to minimise the nuisance to some extent by sweeping and cleaning the places where grains w.re thrown for their feeding, though the nuisance in this direction could not be removed entirely on account of the public sentiments, some of the places affected by this nuisance w.re found free from the nuisance as a result of the measures taken by this Branch. No additional places for feeding the pigeons cropped up during the course of the year.

Monkey Nuisance.—The nuisance from monkeys has almost disappeared from the City. However, if any monkey is found, arrangements are made to trap it immediately. Two monkeys were caught during the year 1945.

Nuisance from Cats.—On receipt of complaints about nuisance from stray cats, traps were supplied to the complainants and 294 cats were caught and disposed of in a suitable manner.

Complaints of bad smell.—The e complaints w.re mainly duc to the temporary defects in the drain and were promptly attended to. Immediate relief was also given to the public in cases of temporary chokes in nahani traps, soil pans, etc., as far as practicable by our staff pending action taken against the owners to attend to the same.

The Conservancy Branch has been doing its work as efficiently as possible with a view to removing the nuisance as quickly as practicable The work of this Branch will be less heavy, less costly, and would stand to perfect efficiency if the public were to give up habits of throwing refuse indiscriminately on the public roads and streets around their residences. In spite of the measures taken by this Branch to keep the City clean, the places are found littered with refuse immediately after they are cleaned. This results in not only rendering the surrounding insanitary but tends to increase the nuisance of various descriptions. Such habits also invite the danger of various diseases. In this connection propaganda measures on cleanliness have been started by the Municipality and it is hoped that the public will realise their civic responsibility and will help the Department to keep the City clean in keeping with its name and beauty.

Cleansing of Dharavi Area.—In the year under review, the sanitation of Dharavi was undertaken at Municipal expense as a field demonstration in an insanitary area where the landlords were indi ferent to sanitation. Necessary additional staff both conservancy and Halalkhores was appointed with effect from 11th September 1945 to cope with the increased work undertaken to give relief to the area. The extra services rendered have resulted in maintaining the area in clean condition.

Veterinary Services.—This section is in charge of the Senior Veterinary Inspector who is for administrative purposes under the control of the Head Supervisor The other Officers of the Branch are 3 Junior Veterinary Inspectors and nine Veterinary Assistants. There are two Hospitals for animals, one a general Hospital for the treatment of the sick Municipal bullocks at Kamathipura and the other an Infectious Diseases Hospital at Mahaluxmi for the admission and treatment of animals suffering from infectious diseases removed from all parts of the City. These hospitals are managed by the Senior Veterinary Inspector with the help of one Veterinary Assistant. The work done at the Bullock Hospital and the Infectious Diseases Hospital is as shown below:—

Bullock Hospitals.			Infectious Diseases Hospital.			
Cases treated.	Cases discharged.	Animals died.	Cases treated.	Cases Discharged.	Animal Died.	Charges for feeding animals.
						Rs.
347	213	50	244	225	19	3,747

The Junior Veterinary Inspectors inspect the bullocks in the Health Department stables and check the work of the Veterinary Assistants. They also pay visits to the stables in the City for the detection and prevention of infectious diseases among the cattle.

Each Veterinary Assistant looks after the bullocks of the stables in the Conservancy Branch and one of them is posted at the Bullock Hospital. These Veterinary Assistants are responsible for the care and treatment of all bullocks in the Municipality including their washing and feeding etc. They have to inspect the ration of the bullocks and keep a proper record of the same. They have also to take care of sick bullocks and give proper treatment.

Immunisation of the Milch Cattle in the City.—To prevent Rinderpest among the Milch Cattle in the City, the work of inoculating the milch cattle in the City was undertaken by the Municipality with effect from 1st February 1945 on Government providing free virus, serum, instruments and other contingencies and the Municipality bearing the other cost. It was continued throughout the year except for a short period when serum etc., was not available from the Principal of the the Veterinary College and the total number of inoculations made during the year was 25,676. On observation it was found that rinderpest reduced considerably except in those cases where the stable owners had refused inoculations.

Co-operative Credit Societies.—For the benefit of the labour staff, Co-operative Credit Societies are conducted in every Ward. A statement showing the number of members, Share Capital, Reserve Fund, etc., of the different societies as it stood on 30-6-1945 is given below :—

Serial No.	Name of the Society.	No. of members.	Share Capital subscribed.	Amount of Loan granted.	Amount of Loan recovered.	Reserve Fund.	Class.
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1	A Ward Marathi Bigari Co-operative Credit Society, Ltd.	412	42,506 1 0	72,781 0 0	67,880 12 0	5,137 1 7	A
2	A Ward Gujarati Scavenger & Halal-khore Co-operative Credit Society, Ltd.	151	13,844 0 0	23,521 0 0	23,524 0 0	1,813 10 8	A
3	B Ward Conservancy Employees' Co-operative Credit Society, Ltd.	471	36,461 0 0	67,081 1 0	52,550 14 0	3,389 0 0	A
4	C Ward Marathi Bigari Co-operative Credit Society, Ltd.	255	22,215 11 0	27,410 0 0	25,207 13 0	2,172 5 0	A
5	C Ward Gujarati Scavenger & Halal-khore	210	15,967 12 0	19,940 0 0	18,775 0 0	1,772 12 0	A
6	D Ward Marathi Bigari Co-operative Credit Society Ltd.	291	22,125 15 0	36,963 0 0	33,944 0 0	2,294 3 0	A
7	D Ward Gujarati Scivenger & Halal-khore Co-operative Credit Scty., Ltd.	237	17,631 14 0	26,063 0 0	24,446 8 0	1,877 15 3	A
8	E Ward West Conservancy Labour Employees' Co-operative Credit Society, Ltd.	212	7,493 0 0	20,300 0 0	17,074 0 0	232 0 0	A
9	E Ward East Conservancy Labour Employees' Co-operative Credit Society, Ltd.	315	14,382 0 0	24,920 0 0	23,848 0 0	843 13 0	A
10	F Ward Conservancy Labour Employees' Co-operative Credit Society, Ltd.	589	30,570 2 0	80,160 0 0	66,927 0 0	1,815 6 6	A
11	G Ward South Conservancy Labour Employees' Co-operative Credit Society, Ltd.	391	23,204 2 0	57,529 0 0	52,056 0 0	1,984 4 0	A
12	G Ward North Conservancy Labour Employees' Co-operative Credit Society, Ltd.	334	19,360 6 0	52,856 0 0	47,696 0 0	491 8 0	A

SCHOOL HEALTH WORK

School Health.—The history of the care of school child is of recent origin. In England the work started in the early years of the present century. Attention was focussed on the health of the school child owing to the rejection of a larger proportion of recruits for the army during the South African War and later in the World War. School medical service in the City was originally rendered by the Corporation in the year 1913 in which year they undertook the experiment of instituting periodicaly medical inspection of school children in Bombay. The Corporation requested the Schools Committee to try the Scheme as an experimental measure for a year in 1914-15 and to report its findings to the Corporation. At the end of that period the School Committee whilst sending its report to the Corporation in 1916 suggested a trial for a further period of three years from 1917 to 1920 before launching the scheme on a permanent basis. About the end of it a Sub-Committee was appointed by the Schools Committee in 1919 which after carrying out a thorough investigation submitted a detailed report to the Schools Committee strongly recommending the institution of the medical inspection of school children in Bombay on a permanent basis, as an urgent necessisity. On the School Committee submitting this report in April 1920, the Corporation accepted its recommendations and directed the Schools Committee to finally establish on a permanent basis the School Medical Inspection Department. This was done for the first time in 1921.

It is now over 30 years that the School Committee considered for the first time the scheme of medical inspection of school children when the number of children under their care was just over 16,000. During these years the number had rapidly increased and at present it stands at over a lakh. Out of these about 40 to 50 per cent. i.e., nearly half, have been found by the medical examiners to be either under-weight, under-nourished or suffering from one or the other of those minor ailments which, if not discovered early and nipped in the bud, would result in considerable impairment of health and deterioration in the physical and mental development of our school children.

Till the year 1931, the ordinary periodical medical inspection was alone carried out in our schools. The defects from which the child was suffering were merely recorded in passing and hardly any steps were taken to cure them. The defects in the child went from bad to worse and as the school authorities would not afford to treat them, it was left to the parents and guardians of the children to get them treated by outsiders as best they could. In

most cases apathy and ignorance of the parents left the disease to take its own downward course in some cases with disastrous results. Hence it was in the year 1931 that a Special School Clinic was started at the K. E. M. Hospital for the benefit of the School children, where efficient treatment on up-to date lines by experts in different departments is being given to the defective children entirely free of charge.

Besides the School clinic mentioned above, another useful side department, *viz.*, The travelling Dental Clinic was established in the year 1922. This Travelling Dental Clinic was discontinued in August 1941 on the retirement of the Detal Surgeon.

The routine plan and Rationale of the care of the school child should consist of—

(1) Providing satisfactory and sanitary surroundings to the School child while at School.
(2) Medical Inspection 3 times in the primary school career at entrance, in the 2nd standard and at the termination in 4th standard with a view to finding out physical defects.
(3) Correction of defects, after they have been discovered.
(4) Protecting the child against communicable diseases.
(5) Preventing development of new defects or removal of old ones by inculcating proper habits of living through Health Education.

As regards (1), the majority of the school in the City are located in hired buildings. Some of the premises have no proper ventilation also. The situation is not quite congenial to the proper development of the child. Schools on the lines of Byculla Central Schools will have to be built throughout the City. There will be no sufficient space available for this purpose in many of the wards, but a beginning must be made by building such school buildings in those areas which are still open. Children to these schools should be taken in buses which should be made available on as small a charge as possible every month. A beginning should be made and one school on modern lines should be constructed in the North of the City. Till this is constructed some arrangements should be made to take the children regularly to some recreation ground at school cost.

(2) There are about 99, 239 children in primary schools 55,283 boys and 43,956 girls. An Inspector can on anverage examine about 5,000 children in a year.

It is not necessary to submit a child for examination every year. Even countries which have made greater progress in this direction have not introduced yearly inspection of a school child. Three inspections in a primary school will be sufficient to begin with and if this is approved of, every child will be examined on entering the school, in the 2nd standard and in the 4th Standard. The number of childern in these standards today is 70,042—39,832 boys and 30,210 girls. To examine these, 8 Inspectors on the male side and 6 Inspectors on the female side with an equal number of peons will be rquired.

As however, the staff is not adequate, the following children are subjected to the medical examination every year :—

(1) New entrants to the infant class.
(2) Children detained in the infant class who could not be examined in the previous years as they were absent at the time of examination or they were not in the school at the time.
(3) Children in the 3rd Standard.

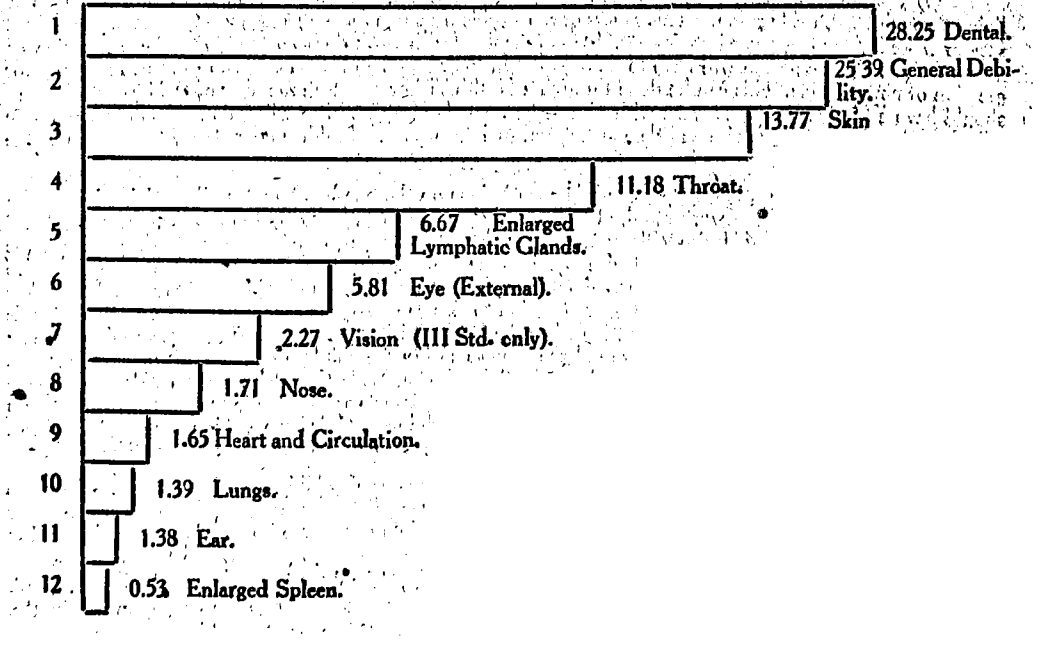
The children in the Infant and 3rd Standard today are about 61,000 and if allowance is made for the children detained in the lower classes every year, the inspectorial staff have to examine about 48,800 children every year, 27,200 boys and 21,600 girls. For the examination of these children, 5 Inspectors on the male side and 4 Inspectors on the female side with an equal number of peons will be required. The present staff is not adequate to complete the examination according to the programme.

The total number of schools visited during the year was 182 out of which 107 were boys' schools and 75 were girls' schools. The total number of children examined was 20,018 out of whom 10,563 were boys and 9,455 were girls (including 1st and subsequent examinations). The number of schools visited and the number of children examined were less because the staff had to visit schools in the afternoon almost daily for about 8 months, to re-weigh the children under milk ration.

Intimations in 14,140 cases were sent to the parents and guardians of the school children about defects detected at Medical Inspection and out of 10,585 replies received 7,343 expressed their consent to treatment being given under our care at the Central School Clinic. 273 parents and guardians were interviewed in schools and office with a view to persuading and advising them to get their children treated either at Municipal Dispensaries or at the School Clinic or through their family physicians

Defects found.—Amongst 20,018 children examined, 14,140 were found suffering from one or more defects.

The following are the percentages of common defects to the total number of defects detected (28,665).



Correction of defects.—The children are examined by the Medical Inspection staff and the defects if any, noted. These defects are communicated to the parents of the respective children enquiring of them if they would like the children to be treated at Municipal School Clinic. Some of the children requiring minor treatment are directed to the Municipal Dispensaries, but very few of them are found to take adavntage of the same. The children in whose cases consents have been received are taken to the School Clinic at the K. E. M. Hospital for treatment. The School Clinic at the K. E. M. Hospital has five depatrments which are kept open on different days in the week. They are (1) Medical and Surgical, (2) Dental, (3) Aural, (4) Skin and (5) (5) Ophthalmic. Children are taken to these departments by the School Clinic Organiser and the Assistant School Clinic Organisers through municipal buses.

The Organiser and her assistant carry the cards to several schools from which the children are to be taken to the clinic. The head of the school is instructed to keep ready those children who are to be taken to the clinic. When the bus comes to the School for the purpose, the child with the card is taken in the bus. The Cards of the children who may have been absent on the day are returned by the Head teacher to the Organiser. The number of cards given to each school is noted in a book by the Organiser She is therefore able to know whether all the children for whom the cards were issued are accounted for. There are two buses specially kept for taking children to the School Clinic and back. When the bus arrives at the Clinic, the total number of children in the bus is again carefully counted before they are allowed to enter the Clinic. The work of collecting children from school begins at about 1 P.M. (B.T.) and the children are taken to the School Clinic at about 2 P.M. (B.T.) and as far as possible children are taken back to their respective schools before the closing time.

The number of new children treated at the Clinic during the year was 1,174 in addition to old cases 6,139 totalling 7,313. A large number of children remained untreated as our only one Central Clinic, being inadequate, could not cope with the heavy demand. It is on this ground that the Central Clinic at the K. E. M. Hospital needs to be expanded to enable more children being treated.

In addition to the work at the Central Cilinc at the K. E. M. Hospital further work in connection with the correction of defects done was as follows :—

(1) 78 Spectacles were supplied to the poor and deserving children free of charge.

(2) 450 schools were supplied with emergency outfits.

(3) 108 children were vaccinated at the Central Vaccination Station.

(4) 3 children suspected to be suffering from Leprosy were directed to the Superintendent, Acworth Leper Home, one of them being infectious was debarred from attending any of the Municipal School and the other two were kept under observation.

(5) 3 children suffering from Diphtheria were admitted to the Arthur Road Hospital.

(6) 348 children were directed to the Municipal Dispensaries near their homes. Out of them 113 attended the dispensaries.

(7) 1,490 children suffering from minor skin diseases like scabies, impetigo etc. were treated in schools.

(8) 195 children were supplied with refreshment on Saturdays.

The arrangement for the treatment of the defectives at the K. E. M. Hospital is not adequate and needs to be expanded. The present arrangement cannot also be expanded sufficiently to meet our requirement. The better solution of the problem will be a Central Clinic where children from all over the City can be taken for treatment. As however, this arrangement will entail a heavy initial and recurring cost the proposal will have to be deferred for better times. If the expansion of the arrangements at the K. E. M. Hospital is not found sufficient there will be no alternative but to arrange for the treatment of these children at the non municipal general Hospitals in the City such as Bai Yamunabai Nair Hospital, the G. T. Hospital etc.

(4) Protection of children against communicable diseases.

One of the advantages of the medical inspection of school children is the opportunity obtained for detecting children with communicable diseases and to prevent them from attending schools. As soon as such children are detected, the Medical Inspector, Schools reports the names to the department for taking up the matter with the Secretary, Schools Committee and steps are taken to see that the children do not continue to be a source of infection to other children. On account of the inadequate staff, the inspections have been limited, but this activity can be increased if the additional staff mentioned above is provided.

(5) Prevention of development of new defects or removal of old ones by inculcating proper habits of living through Health Education. This aspect of the problem though forming an important part of the school Health work is found neglected at present. The School Health work does not end with the correction of defects. The ailing children will have to be followed in their house and steps taken to prevent recurrence or creation of new defects. This can be done through a Health Visitor and each member of the inspectorial staff should have a Health Visitor to work with him or her. This Health Visitor will follow the ailing children in schools and to homes and advise and demonstrate on maintenance of health under the instructions of the Inspectors.

Routine health education by talks and demonstrations on the one hand and pupil participation on the other hand is a feature of the work required to be carried out systematically by the Medical Inspectors and Inspectresses with the help of Health Visitors. Health Education procedures are being developed and the scheme of training teachers in regard to school health is being devised. When this is completed, a more intensive programme of Health Education will be carried out in our schools. On account of inadequate staff, the medical inspection branch is not able to devote proper attention to this aspect of the school health work, though it is important, but this can be given more attention when the Health Visitors mentioned above are appointed. The Health Visitor will, for this purpose, go round the schools giving the children talks and demonstrations, get them drilled into practice of health habits and healthy living. Routine lectures with lantern slides and cinema shows will have to be given in co-operation with the Publicity Branch of the Public Health Department. As practical work on these lines will have a better effect on the children and their health, this aspect of the problem should not be deferred any further. It is only then that the proper result of school health work will be achieved.

The Medical inspection should not end with the examination of children and treatment of defects only. Periodical school medical inspection, supplemented by remedial measures, mid-day meals or milk ration for under-nourished children and compulsory physical training are three important ways of improving the health of school children.

In order to ensure sound co-ordination between the parents, School teachers and school medical officers in matter of health of children and to awaken the sense of sanitary consciousness to the healthy growth of the

children, a Health Day is celebrated annually under the auspices of the Public Health Department. Accordingly the day was celebrated under the presidentship of the Municipal Commissioner Mr. U. M. Mirchandani, B.A., I.C.S.

Free Milk Ration.—The Corporation have since last two years set aside certain amount for the grant of pasteurised milk to school children and provided sufficient amount for the same. The principal features of the scheme are—

(1) 6 ozs. of pasteurised milk is supplied to each under-nourished school child every day excepting Sundays and Holidays.

(2) Milk is supplied after the parents' consent to take advantage of the amenity is obtained.

(3) Milk is supplied on the production of ration card specially provided.

(4) Milk is distributed at places outside Municipal schools. Each child has got its reserved tumbler at the centre with a number corresponding to that of milk ration card.

(5) Milk is given to the school children just before they go to school or on their way home in the morning.

(6) The work of the supervision at these centres is entrusted to the five Assistant Health Officers working under the Executive Health Officer.

(7) The Medical Inspection staff was in the beginning asked to take the weights and heights of the children. At present this work is being done by school teachers under the supervision of school medical staff who maintain the record of the effect of the supply of milk on the children.

If any child is unable to go to the centre allotted to it owing to sickness or any other cause, its ration is given to one or two children from amongst those who may be at the centre before it is closed for the day. At times the head of the neighbouring school is also requested to send other weak children to receive the surplus milk. In some cases surplus milk is sent to the Maternity homes nearby whenever possible.

The number of school children taking advantage of the above amenity was, 3,385 on 1st January 1945 and from time to time fresh additions numbering in all 4,852 were made to the above list of children in the year.

In order to prevent the wastage of milk caused by the continuous absence for some reason or the other at the milk centres the names of absentees were struck off from time to time from the milk rolls with the result that at the end of the year the number of these children was 2,939 only. On 31st December 1945 the number of children on Milk Roll was 5,298. But the quantity of milk was ordered for 4,378 children only at the instance of workers in charge of the milk centres.

The variations in the number of children taking advanatage of the milk were chiefly due to—

(1) Some children left school for some reason or other or changed schools from one place to the other without intimation.

(2) Some children under milk ration having passed 4th Standard left school.

(3) Some children did not like milk as it was not sweetened by sugar.

(4) Some parents objected to the milk being given cold.

(5) To some children the time of the milk distribution at the centre was not convenient.

(6) Several children did not like to take milk immediately after their meals.

On re-weighing the children it was found that 44 per cent. of the total children under milk ration at the end of 1st three months and 65 per cent. of the total at the end of 6 months derived benefit from the milk scheme as judged from their weight. This shows that the scheme has provided one of the essential items in school life.

SOCIAL WELFARE WORK

Progressive Organisations and public bodies have taken the responsibilities of doing welfare work for their employees upon themselves. The Municipal Corporation of Bombay, the first City in India could not lag behind in this respect. Welfare work for the Municipal labourers of the Public Health and some other Departments was being done in the past on some scale through other bodies which received certain grants annually from the Corporation.

These institutions receiving grants carried on the welfare activities in their own way. Their activities mostly consisted of recreational games and some of them were also holding literacy classes. It was, however, considered desirable that both in the interest of employers and the employees the welfare work should be taken over entirely on ourselves. With this object a welfare scheme was submitted to the Corporation which received its approval in 1938.

The special staff which has been employed for this work consists of an officer who has specially qualified in Social Welfare Work designated as the Welfare Organiser who is at the head of the Organisation. She is assisted by two qualified full-time assistants and one health visitor. 25 men and 22 women social workers are employed as part-time workers at the eleven centres.

Social welfare work among the labour classes was conducted at eleven centres (including one for K. E. M Hospital staff, one for the staff of the Mechanical Engineer's Department and one for the staff of the Conservancy Department at Chembur) by the Special Branch organized for the purpose under the Public Health Department.

The programme of welfare work carried on by the Welfare Branch at the eleven centres consisted of—(1) Recreational activities, (2) Educational activities, (3) Health Work and (4) Labour Officer's work.

(1) Recreational Activities.—The games played included Carrom, Draughts Luds, "Chaupat", Snakes and Ladder, Hu-tu-tu, Kho-kho, Atyapatya, Langdi, Volley Ball, Foot-ball, Deck Tennis and several other Western and Indian group games. Akhada activities included Wrestling, Malkhamb, Lathi, Lezim, Pole-drill etc. Gymnastic exercises like Free hand drill, Wand-drill, Dumb-bells, Pyramids, Boxing etc. were also regularly conducted.

Inter centre matches and tournaments were arranged. These matches provided a great incentive to regular attendance and raised the standard of the play.

Men, women and children from each centre were, at intervals, taken out of Bombay for Picnics and they were also taken to see educational and Social films, exhibitions, dramas etc.

The Bhajan Mandalis provided attractive Social gatherings for adults who took a very keen interest in them and those occasions were utilised for giving various social discourses. Music and dramatic clubs were organized where people were afforded facilities for cultivations and free expression to their artistic talents and capacities. Music was taught on harmonium and tabl.s ; gramaphone records were played in the chawls and short dialogues and dramas were also taught and performed.

Visit to Elephanta Caves.—On 11th February 1945, 76 women and 231 men were taken to the caves from all the welfare centres.

Visit to Ambernath.—One whole day picnic was organized on 18th November 1945 to Ambarnath. The party consisted of more than 250 male employees from all the welfare centres. From there they were taken to Haji Malang (A place of pilgrimage).

Another whole day picnic was organized on 25th November 1945 at Ambarnath for female employees. About 250 employees from all the welfare centres participated in it. The women spent the whole day, preparing their food, playing games and singing garbas etc.

Visit to Dance-Drama Show.—More than 400 employees from different centres were taken to a Dance-Drama at Gowalia Tank Maidan. It was a novel presentation of the epic of Mahabharat in the form of Dance, and lasted for more than three hours. The people enjoyed the show very much.

These recreational activities provided ample opportunities to our employees and their children to make the best use of their leisure time. The in-door games' rooms and out-door play ground at the eleven centres were taken advantage of daily by about two thousand and five hundred adults and children.

(2) **Educational Activities.**—At every Centre literacy classes for both men and women were conducted. Lessons were accompanied by and alternated with cultural instruction in the form of lectures with the help of lantern slides, maps, charts and pictures, story-telling, reading of interesting passages from books and magazines.

Special classes in English were organized in all the centres for those who wanted to learn English. Coaching was given to those school going children who were in need of it ; facilities for study in the centre rooms were given to high school pupils as they had so little privacy in their own homes.

Talks, Lantern-slide lectures, cinema shows were arranged on current topics and social subjects of immediate interest to the employees *i.e.*, on cleanliness and sanitary living, domestic economy, Maternity, Child welfare, balanced diets, first Aid, Safety first etc. Debates were organized at frequent intervals at all the centres.

For women, classes in sewing, embroidary, literacy and elementary home-nursing were conducted ; training was also given in the art of home making in the various duties of wives and mothers with satisfactory results.

There are five-hundred boy-scouts and two-hundred girl guides affiliated to the Hindustan Scout Association. Boys were occasionally sent out for camping.

(3) **Health Work.**—Home visiting was an important item of the programme of activities. Chawls were visited regularly by the part-time workers who discussed with the occupants, family problems in a friendly manner and through these means people were persuaded to change their unhygienic habits and to realise the importance of cleanliness and sanitary living.

Lectures were delivered on personal hygiene, the care of eyes, nose, lungs, and other organs. These lectures were illustrated by slides, posters, bulletins and films on housing conditions, flies, Tuberculosis and Venereal diseases etc.

Children were made to wash their hands, face, feet and comb their hair in the centres. Cleanliness campaigns were held occasionally when the boys swept the chalws and kept their surroundings and home clean In times of illness, people were directed to dispensaries and hospitals. Every centre is equipped with medical and first-aid appliances such as hot-water bags, Thermometers, bed pans, iodine, etc., which were supplied free to the people whenever needed.

Women were taught to prepare balanced diets very cheaply. They were persuaded to take advantage of maternity hospitals in the City.

(4) **Labour Officer's Work.**—Legitimate grievances of the employees regarding their housing, recruitment, leave, conditions of work and Co-operative Societies were looked into and brought to the notice of the officers concerned and were wherever possible, redressed by them.

Miscellaneous.—The seventh annual sports were held at St. Xavier's College Gymkhana, Parel on Sunday the 4th March 1945 when Mr. U. M. Mirchandani, B.A., I.C.S., Municipal Commissioner for the City of Bombay presided and distributed prizes.

A trip to Lonawala and Matheran was organized for five days for men employees from 24th to 28th October 1945.

During the period under review, there were several enquiries regarding the organization, scope, and activities etc., of the social work all of which were promptly attended to. There were several distinguished visitors including the Revenue Minister of Hyderabad State, Deccan and officials of Department of Labour Government of India.

Social work among the labour staff was also carried on by three private agencies *viz.*, Bhagini Samaj (Centre at Bellasis Road), the Hindu Sevak Samaj (Centre at Valpakhadi) and the Municipal Scouts Local Association (Centre at Kasarwadi) who receive grant-in-aid from the Corporation for the purpose.

FOOD SANITATION.

Milk.—In normal days the daily consumption of milk was estimated at 457,000 lbs. approximately out of which 2,30,560 lbs. were produced in the city and 222,240 lbs. were imported from outside. On an average an individual could get about 3 ozs. of milk per day which was quite below the normal requirements. As the supply was inadequate, there was every temptation for adulteration with the result that it was difficult especially for the poor to get pure supply of milk for themselves and their children. Increase in the production of local milk was not possible without detriment to the public health and the only way to solve the problem was to devise ways and means by which the quantity of milk brought to the city from outside could be increased. Since the year 1920 various schemes for the improvement of the city's milk supply were considered by the Corporation but none of them could materialise for one reason or the other.

Though per capita consumption compared very unsatisfactorily in Bombay City with other places, still, till 1943 the difficulty as regards supply of milk was not felt very keenly as the population of the city had not increased so enormously as from the year 1943. From that year not only there was a great rise in the population but difficulty was experienced in getting materials to build stables and in procuring animals. On the one hand, Government did not release building materials and on the other, Provincial and local Governments banned export of milch cattle outside their jurisdiction. The result was that though the population of the City increased since 1943, not only there was no corresponding increase in the cattle population in the City and its suburbs but it became difficult to keep and maintain the existing supply of milk. In 1941, milk price was between 5 to 6 As. per seer in the city when its population was about 1489000 and while by the end of the year 1945, population of the city was roughly 25,00,000 and the price of the milk rose from As. 12 to Re. 1 per seer. As it was very difficult to get good milk at a rate which was within the means of an ordinary man, milk, which is the best nutritious food especially to children, was not available to all and the price went beyond the means of poor men Government therefore decided to introduce Government Subsidized Milk Scheme for children below 2 years. under which each child should get 8 ozs. (¼ seer) of milk once a day at half its purchase price and requested the Corporation to run the same. The Corporation agreed to run the Scheme. The Scheme was launched in the city on 17th August 1944. By the end of December 1944, the total number of cards registered was 36,705 and the number of centres was 200. As the Scheme was proving a success, Government decided to include other priority consumers in the scheme. It was decided that from 1st February 1945, the Scheme should be extended to cover children between 2 to 6 years which limit was subsequently extended to 10 years and to expectant and nursing mothers. With the extension of the scheme, the number of centres increased. The number of centrs opened in the city on 1st February 1945 was 460 including the previously opened centres and the number of cards, registered was 61,854 (Children under age group of 0/2 and 2/6—59,032, and Expectant and Nursing mothers—2,822).

Government at this time banned the use of milk in tea and coffee in hotels and restaurants (Government had already banned the sale of hot milk and preparation of certain milk products in hotles etc.) It was, therefore, decided to take all the available milk and to supply 16 ozs. (½ sr.) of milk against each card. By the end of April 1945, it was found that milk was not available for the operation of the scheme in the quantity required. Requisition orders under the Defence of India Rules, were therefore issued on milk merchants for supplying a specific quantity of milk under the Scheme. By 1st October 1945 it was found that it was not possible to give to all children and Expectant and nursing mothers because the necessary quantity of milk was not available half a seer of milk and therefore the official quantum of half a seer for all children above 2 years of age was reduced to a ¼ seer, Half a seer was to be given only to children below 2 and expectant and nursing mothers. Care was however taken to see that as far as possible even the children between th age group of 2/6 could get ½ a seer of milk.

By the end of December 1945, the position of the scheme was as follows :—

Children under age group 0/2	107,752
" " " " 2/6	104,679
" " " " 6/10	70,030
Expectant and Nursing Mothers	25,045

The total number of centres which were opened for the distribution of milk was— 516

(a) Morning Centres	267	
(b) Evening Centres	249	
The number of contractors supplying milk	208	
The total quantity of milk distributed	2,072	Mds.

To see that only genuine and fresh milk is supplied by the Contractors for being distributed at the various milk centres, surprise samples of milk were taken and the results of analysis during the year were as follows :—

Total No. of samples taken	Genuine samples.	Non-genuine samples.	Percentage.
40,830	36,284	4,546	11.13

Government were contemplating import of milk from Anand and by December 1945, roughly 37 Mds. of milk was supplied daily by Government for being distributed at the various milk centres.

During the year, 2,229 hawkers importaing milk by train were inspected. 491 were found to have no licence and 499 were carrying milk in open cans without covers. The number found with grass rings in the milk vessels was 302. 5 persons were detected dealing in skimmed milk containing Boracic Acid as preservative

Prosecutions were instituted in 317 cases of hawkers found selling milk in the streets without a licence Details with regard to the adulteration of milk will be found in the report of the Municipal Analyst.

The total number of prosecutions for the sale of milk by unlicensed persons and for breaches of the licence regulations was 92 as against 79 in 1944.

Unwholesome Food.—The following list shows the articles of unwholesome food seized and destroyed under Sections 415 and 416 of the Municipal Act ;—

Fruit (Fresh)	13,214 Nos.	Gur	7 Lbs.
Fruit (Dry)		Flesh Beef	
Tins of preserved fruits	1,079 Nos.	Curds	
Potatoes	92,702 Lbs.	Garlic	
Onions	1,965 Lbs.	Cocoa	
Vegetables	61 Lbs.	Condensed Milk	Tins.
Indian Sweetmeats	88½ Lbs.	Grains	Bags.
Cheese	725 Lbs.	Chillies	Bags.
Biscuits	*Nil.*	Milk	2 Seers.

Statutory Notices.—The following list gives the number of Notices served by the Inspectors and the number of Prosecutions undertaken for various offences under the Municipal Act during the year :-

NOTICES UNDER THE MUNICIPAL ACT IN 1945.

	Number of Notices issued under various sections of the Municipal Act.
Total number of Notices issued ...	16,848
Number complied with ...	9,952
Number not complied with ...	5,174
Number pending (disputed or not served) ...	1,596
Number cancelled ...	126
Number of Notices in 1944 ...	16,120

STATEMENT SHOWING THE NUMBER OF COURT CASES FILED UNDER DIFFERENT SECTIONS AND THE CASES OUTSTANDING ON 1ST JANUARY 1946.

1	2	3	4	5	6
Sections under which prosecutions were instituted.	Number of cases outstanding on 1st January 1945.	Number of cases filed in the year 1945.	Total of columns Nos. 2 and 3.	Number of cases disposed of.	Number of cases outstanding on 1st January 1946.
248 ...	10	4	14	7	7
249 ...	8	18	26	21	5
250 ...	...	...	...	...	...
251 ...	...	1	1	1	...
257 ...	87	555	642	541	101
257, 375, 372 ...	90	691	781	670	111
258 ...	6	9	15	10	5
274 ...	1	21	22	21	1
316 ...	...	11	11	11	...
367, 368 ...	36	428	464	408	56
372 ...	137	1,194	1,331	1,181	150
375 ...	42	335	377	299	78
375A ...	16	112	128	111	17
377 ...	6	45	51	39	12
378 ...	15	26	41	13	28
379 ...	...	8	8	6	2
380 ...	62	204	266	224	42
381 ...	16	116	132	115	17
381A ...	1	6	7	4	3
382 ...	...	...	...	...	...
384 ...	29	129	158	130	28
384A ...	...	21	21	18	3
385 ...	...	...	...	...	...
390 ...	12	134	146	115	31
391 ...	...	...	...	...	...
394 ...	89	838	927	756	171
397 ...	...	...	...	...	...
412A ...	227	353	580	375	205
417B ...	...	...	...	...	...
424 ...	...	...	...	...	...
461F ...	...	50	50	...	50
472 ...	4	24	28	23	5
Total ...	894	5,333	6,227	5,099	1,128
Bombay Prevention of Adulteration Act ...	1,216	2,941	4,157	3,229	928

The total amount of fines inflicted during the year on account of these cases was Rs. 118,494-14-0.

SANITARY CONDITION OF THE CITY.

The principal causes contributing towards the insanitary condition in some parts of the City are the insufficiency of sewers, continuance of the basket privy system, density of houses and persons per acre and the difficulties in the way of rendering conservancy service, both as regards removal and disposal of refuse. With a view to accelerating the conversion of all the remaining basket privies into water-closets in the unsewered area, a subsidy is being given to the house owners since December 1939. During the year one basket privy was converted into water closet. Owing to war conditions further action has been suspended for the present as the cost of materials has risen considerably. Now that the war is over, this must be expedited forthwith.

Two chief difficulties in the way of keeping the City as clean as is desirable are—

(1) Shortage of water supply particularly in view of the enormous congestion and overcrowding at present prevailing.

(2) Lack of transport vehicles.

Further augmentation of the water supply to the City is very urgent and perhaps until the Bhivpuri Scheme materialises, this difficulty will continue.

War transport lorries and other forms of vehicles have now to be obtained for speedy removal of refuse and complete obliteration of refuse sheds by introduction of house to house collection and removal or refuse in all wards.

Water Supply.—With the completion of the Tansa pipe line, the City is now provided with a fairly adequate supply of water from the Tansa Lake. The whole supply is chlorinated throughout the year. No provision of any kind is made for filtration. The supply of filtered water to the City would no doubt be very costly initially and in maintenance, but the first City in India should expect a supply of more wholesome, safer

water as would be obtained by filtration. The Corporation will have to take up this question seriously. The need of filtration is felt more acutely when the supply becomes muddy due to heavy rains and remains so for a few days.

Drainage.—The work of providing sewerage in the North of the Island which was in progress during 1942 is still incomplete.

HOUSING.

Insanitary Dwellings.—The routine inspection of dwellings and premises presenting or likely to present sanitary defects has been systematised under a scheme whereby each one of the 51 Medical Assistants and 18 Medical Inspectors is required to devote not less than one afternoon a week to the inspection of houses in streets or areas definitely allotted for the purpose by the Assistant Health Officer. The scheme aims at the inspection of not less than 5 houses per week by each member of the inspectorial staff for 17,500 houses in all in the year. Were inspections the single object in view, this number could be doubled or trebled. Since, however, the primary inspections are only a first step in securing the elimination of the sanitary defects discovered, their number is strictly liminited to the number of secondary visits which the enforcement of the requirements of the Department entails.

During the year, 1 insanitary dwelling was evacuated, 521 huts were demolished and 61 rooms were improved.

Sanitary Inspection.—In Table 16 (Appendix) will be found a summary of the inspections (1,65,096) made by the Medical Inspectors and Medical Assistants during the year and of the sanitary works (17,363) carried out in response to the actions initiated by them.

Scheme for Clearance of Slum Areas in the City.—There are still many slum areas in the City which require prompt and immediate attention for their improvement.

Milch Cattle Stables.—The insanitary conditions caused by the existence of milch cattle stables in the heart of the City have been explained in the Report of 1939 and it is desirable that a suitable scheme for removing these stables from the City should be undertaken as early as possible.

POOR BOX CHARITY COLLECTION

Statement of Receipts and Disbursements upto 31st March 1946.

Ward.	Balance on 1-4-1945.	Credits during 1944-45.	Total Receipts.	Debit.	Outstanding Balance on 31-3-1946.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
A and B ..	4,024 14 3	1,111 3 6	5,136 1 9	143 15 0	4,992 2 9
C and D ..	3,144 10 6	1,134 13 3	4,279 7 9	95 10 0	4,183 13 9
E ..	8,977 5 11	2,368 3 6	11,345 9 5	..	11,345 9 5
F and G ..	7,287 8 6	1,560 15 9	8,848 8 3	..	8,848 8 3
Total ..	23,434 7 2	6,175 4 0	29,609 11 2	239 9 0	29,370 2 2

VISITORS

A number of representatives of the outside institutions, associations, etc., came to Bombay to see inter alia the work done by this department. Some of the distinguished guests were :—

(1) The Chief Medical Officer, B. B. & C. I. Railway.
(2) The Consulting Public Health Engineer to Government, Poona.
(3) The Chief Engineer, Calcutta Corporation.
(4) Mr. P. V. Masand, Sundar Shewak, Sabha, Sukkar.
(5) Rai Premchand, Assistant Political Secretary, Municipal Branch, H. E. H. Nizam's Government.
(6) The Public Analyst, Cochin State.

B. C. DASGUPTA.
B.Sc., M.B., M.R.C.P., D.T.M. & H., D.P.H.,
Executive Health Officer.

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL OFFICE,
BOMBAY, *21st June 1946.*

REPORT OF THE CITY FEVER HOSPITALS, ARTHUR ROAD, BOMBAY, FOR THE YEAR 1945

The Infectious Diseases Hospitals at Arthur Road are primarily meant for the isolation and treatment of cases of dangerous diseases such as Plague, Cholera, Small-pox, Scarlet Fever, Yellow Fever, Diphtheria, Typhus, Influenzal Pneumonia and Cerebro-Spinal Fever, and though these hospitals have been thrown open to other diseases such as Enteric Fevers, Chicken-pox, Measles, etc., for want of sufficient accommodation and adequate staff, admission for such cases is restricted by public notification when one or more dangerous diseases referred to above are prevailing on a large scale in the City. Inspite of restrictions on admission the average number of patients treated during the year was 189 per day, while the highest number remaining on one single day was 296 on 24th March 1945.

The permanent medical and nursing staff of the Hospital consisted till recently of the Medical Superintendent, 2 Medical Assistants, 2 Sisters, 4 Nurses, 3 Probationers and 1 Compounder besides the other kind of staff including labour etc. Permanent staff required for management of upto 150 patients was provided by Reorganisation Scheme, which was sanctioned under Corporation Resolution No. 732 of 16th November 1944.

The total number of patients under treatment continued to be over 150. It was, therefore, necessary to engage the temporary staff for the extra work according to the scale sanctioned. This regular staff was further supplemented by a special temporary staff as the number of acute major infectious diseases like Cerebro-Spinal Fever, Enteric Fevers, Diphtheria, etc., which required more care and attention was always more than 60 and there was an outbreak of Cholera during the month of June 1945. Besides this, three temporary watchmen

had to be engaged as the extension of dispensary was not completed. A post of a Head Clerk was created from 1st October 1945 to supervise the work of junior clerks and to keep control over grants, the expenditure of which varies according to the number of patients and the kind of diseases for which the patients are treated.

Owing to non-availability of the nursing staff due to war conditions it was not possible to engage full quota of various staff required for the treatment of patients. The available staff had to carry out the increased work with great stress and strain.

It was not possible to get six probationers from K. E. M. Hospital and six from J. J. and Cama Hospitals. Only 4 probationer nurses were directed by the K. E. M. Hospital. Two nurses were temporarily appointed in place of 6 Probationers from J. J. and Cama Hospitals.

ACCOMMODATION.

The accommodation for patients at present consists of :—

Small-pox Unit		**Available accommodation.**
Ward Nos. 1, 2, 3, with 19 beds each ..	57	(They are in a dilapidated condition and can be used temporarily during epidemics only).
Ward Nos. 4, 5, 6, with 25 beds each ..	50	(They are in a more dilapidated condition and 2 wards only out of the 3, can be used temporarily during epidemics.)
Ward No. 7, with 14 beds		(It has been improvised as lecture hall and is not available for accommodation of patients for normal as well as epidemic needs.)
Total available accommodation	107	For temporary period during epidemics only.
Ward No. 8, with 14 beds ..	14	beds.
Ward Nos. 14 and 16 with 36 beds each ..	72	beds.
Semi-permanent ward No. 17 and 18 constructed during the Small-pox epidemics in 1944 for accommodation of 50 beds each.	100	beds.
Total available accommodation ...	186	beds (for normal use).

The General Unit (for Infectious Diseases other than Small-pox) consists of :—

	Beds.
Ward Nos. 9, 10, 11 and 12 with 14 beds each ..	56
Ward Nos. 13 and 15 with 36 beds each ..	72
Total accommodation for non Small-pox diseases	128
Grand Total ...	314

The accommodation at the Hospital should have been increased according to the ratio accepted by expert authorities on the subject *i.e.*, 1 bed for 2000 population. 1,150 beds will be necessary against which the available beds are 314 only, owing to old wards getting dilapidated and unfit for human habitation. The question of constructing additional wards and quarters for the staff cannot be delayed any further. Proposals for gradual reconstruction of the dilapidated wards and their extensions have accordingly been included by the Municipal Commissioner in his seven years programme of Loan Works, as well as in **post-war planning** of the Hospital.

Recreation Grounds.

Maintenance of health by providing playgrounds in the compound of this Hospital is most essential particularly in case of the staff attending on patients suffering from various kinds of acute infectious diseases, as apart from better output of work obtained by physical and mental recreation after hard day's and night's work, it will help to increase their resistence against infectious diseases. The provision for funds for badminton court has been made this year. A proposal for Tennis Court, Gymnasium etc., will have to be included in the post-war reconstruction scheme for this Hospital.

Extension of Laboratory.

The present size of the Laboratory cannot be said to be adequate to carry out all the different kinds of investigations necessary for the diagnosis and treatmnet of the various Infectious diseases and fevers. The Laboratory needs to be expanded. So far the Laboratory work was being attended to by the Medical Assistants in addition to their work in the wards. Since the current year, one Honorary Pathologist and Bacteriologist have been put in charge of this section. A full time staff with adequate laboratory equipment and residential quarters is necessary.

S. G. VENGSARKAR,
M.D., F.C.P.S.,
Medical Superintendent,
Arthur Road Hospital.

SMALL POX

Small-pox is endemic in Bombay throughout the year with seasonal rise. Patients suffering from this disease were admitted throughout the year.

The admissions were greater during the months of March, April, and December 1945. The total number of patients admitted for this disease was 568.

Compared with the year 1944, the incidence of this disease showed a rise in the age groups of 16-20 and 21-25 years against the age groups 6 to 10 and 36 to 40 in the previous year, as will be observed from the accompanying table (*vide* page 42).

Most of the patients admitted for Small-pox belonged to labour class and came from different localities. It would be worth noting that not only the staff of this Hospital but even the attendants vaccinated or re-vaccinated and allowed to stay and attend on Small-pox cases did not get the disease as a result of immediate prophylactic immunisation. The cases are classified in four types, as follows :—

TABLE III.

Classification.	Admissions.	Deaths.	Recovered.	Mortality rate per cent.
Haemorrhagic	29	26	3	89.6
Confluent	128	53	75	41.4
Semi-confluent	196	66	130	33.6
Discrete	215	8	207	3.7
	568	153	415	26.9

Investigations into therapeutic effects of sulphanomide group of drugs on the course of this disease were carried out and they are still in progress.

Table IV shows that the mortality amongst the vaccinated cases was considerably lower than that amongst the un-vaccinated ones—showing the benificial modifying effect of vaccination on the course and termination of the disease.

Against 568 cases of small-pox admitted into this Hospital, the total deaths were 153 ; out of these deaths 27 occurred within 48 hours of their admission, *i.e.*, in those cases that were admitted in the very late stage or with serious condition. Excluding these cases the mortality rate of the disease came to 22.2 per cent.

TABLE V.

Year.	Admissions.	Deaths.	Recovered.	Mortality.
1940 ..	1172	232	940	19.7 per cent.
1941 ..	1411	322	1089	22.8 per cent.
1942 ..	1182	225	957	19.0 per cent.
1943 ..	1080	951	829	23.2 per cent.
1944 ..	3233	896	2337	27.7 per cent.
1945 ..	568	153	415	26.9 per cent.

DIPHTHERIA

This disease is endemic in Bombay and the highest number of cases admitted this year was in the months of October, November and December 1945. There were 670 admissions compared to 400 in the previous year. 573 cases recovered under treatment and 97 cases proved fatal. Operative treatment (Tracheotomy) was carried out on one case during the year under report. The patient was discharged cured.

TABLE VI

Year.	Admissions.	Deaths.	Recovered.	Mortality percentage.	Mortality percentage excluding moribund cases which died within 48 hours.
1940	221	69	152	31.0	16.0
1941	251	63	188	25.1	8.7
1942	278	44	234	15.7	7.8
1943	334	51	283	15.2	8.1
1944	400	70	330	17.5	8.3.
1945	670	97	573	14.4	2.3

Out of the total of 97 deaths, 81 patients were brought in a moribund condition in the very late stage of the disease associated with severe toxaemia or Cardiac failure and died within 48 hours of their admission in this Hospital. Excluding these deaths the Mortality came to 2.3 per cent. which was the lowest rate so far recorded at this Hospital.

ENTERIC FEVERS

Enteric Fevers have been endemic in Bombay and the number admitted into this Hospital during the year, *viz.*, 1186 was larger than that in the previous year *viz.*, 624. The highest number of admissions this year was in the months of January and August.

History of previous T. A. B. innoculation was available in 5 cases only. The onset of disease was seen within 15 days of the innoculation in two cases out of which one proved fatal. There were 63 cases with meningial symptoms and 51 cases had relapses during the course of the disease. Intestinal Haemmorrhage as a complication occurred in 36 cases out of which 26 proved fatal (72.2 per cent.).

The total mortality was 229 out of which 21 died within 48 hours of their admission. Excluding these moribund cases, the mortality amongst the treated cases was 17.6 per cent.

Apart from Clinical features, diagnosis was confirmed by laboratory tests, *viz.*, blood counts, widal reaction, urine examination, blood cultures etc. Widal test was found positive for B. Typhosus in dilution of more than 1 : 120 with " O " suspensions in 1175 cases.

TABLE VII.

Years.	Admissions.	Deaths.	Recovered.	Mortality Rate.
1940	184	50	134	27.4 per cent.
1941	360	107	253	29.7 per cent.
1942	595	104	491	17.4 per cent.
1943	715	189	526	26.4 per cent.
1944	624	149	475	23.8 per cent.
1945	1186	229	957	19.3 per cent.

MENINGOCOCCAL FEVER.

The disease is sporadic in Bombay. 270 cases of Meningococcal fever were admitted during the year under report as compared to 148 cases admitted in 1944. Its highest incidence was in the months of March and May 1945. The incidence of disease was more amongst males and in the early period of life. The youngest patient admitted was a child of 3 months of age and the oldest was a male of 60 years of age.

Out of 85 total deaths from the disease, 43 cases were admitted in the very last stage of the disease and died within 48 hours. The diagnosis of the cases was established, besides by clinical signs, by examination of their cerebro-spinal fluid for cell count, Bio-chemical changes and for organisms from smears and cultural growths. The C. S. Fluid was found hazzy in 150 cases, turbid in 84 cases and purulent in 36 cases.

The Meningococci were found in the smears of 266 cases and amongst 186 cases they were predominantly extra cellular.

The cases were treated with sulphonamide group of drugs or penicillin or with both. Chronic type of cases or those not showing rapid amelioration of symptoms with Chemo-therapy were treated with anti-meningococcal serum in addition to Chemo-therapy with little response. Penicillin was administered in a number of cases and particularly in sulphanomide resisting cases with good response. A few cases were also treated with combined treatment of Penicillin and Sulphonamides, the former drug (Penicillin) being given either intramuscularly at intervals of 3 hours and intraspinally at 12 or 24 hours interval or intraspinally alone at 12 or 24 hours interval with good response.

A report on investigation of comparative response to these drugs, *viz.*, Sulphonamides and Penicillin is under preparation.

With the exclusion of 43 cases, which expired within 48 hours of their admission into this Hospital the rate of mortality amongst the treated cases of Meningococcal-meningitis was 15.5 per cent.

The organisms were extra cellular in 32 cases of the moribund cases.

TABLE VIII.

Years.	Admissions.	Deaths.	Recovered.	Mortality Rate.
1940	73	25	48	34.2 per cent.
1941	66	29	37	43.9 per cent.
1942	55	21	34	38.1 per cent.
1943	213	64	149	30.0 per cent.
1944	148	55	93	37.1 per cent.
1945	270	85	185	31.4 per cent.

MEASLES

124 cases were admitted during this year. The admissions of disease were high in the months of March and November 1945. Majority of them were from Children's Home, Convents, etc.

MUMPS

34 cases were admitted during the year under report. The admissions of disease were high in the month of January 1945. Majority of Cases were from Children's Home and Convents, City Police Forces etc.

PLAGUE

Twelve cases were admitted during the year under report. They were imported cases. Almost all of them were of bubonic type. Out of 12 admitted cases 7 expired. They were treated with Chemo-therapy, *viz.*, sulphadiazine preparation administered both orally and parentarilly. Excluding four cases that were admitted in moribund condition and died within 48 hours the mortality was 25.0 per cent.

CHICKEN POX

993 cases were admitted into this Hospital this year. Most of them were those that were admitted for observation for Small-pox and others from essential services or Convents, Reformatories, or public institutions etc. All were discharged cured.

TYPHUS

One case was admitted during the year under report with the history of continuous fever associated with headache, rash on the bod and extreme weakness. Diagnosis was confirmed by repeated examination of blood for Weil-Felix reaction which showed rising titre during the course of the disease. The case was discharged cured.

CHOLERA

85 cases were admitted into this Hospital during the year under report. The total number of deaths was 34. 23 cases were admitted in moribund condition and expired within 48 hours. Excluding these cases the mortality rate was 12.8 per cent. Besides 52 other patients were admitted for cholera. Cholera Bacilli were detected in the stools of these cases but on reports received from the Epidemiologist they were reported as cases of Gastro-enteritis.

TABLE IX.

Year.	Admissions.	Deaths.	Recovered	Mortality Rate.
1940	9	6	3	66.6 per cent.
1941	16	6	10	37.5 per cent.
1942	..	..	..	..
1943	25	9	16	36.0 per cent.
1944	1	..	1	..
1945	86	34	52	39.5 per cent.

BACTERIOLOGOCAL AND PATHOLOGICAL EXAMINATIONS

The following table shows the number of laboratory examinations done at the City Fever Hospitals. (These were done by the Honorary Pathologist and also by Medical Assistants in charge of cases admitted in wards and also of the Casualty Department) :—

(1) Blood films for parasites, differential counts and blood pictures	5350
(2) Blood cultures	128
(3) Blood for widal tests	2380
(4) Blood for Kahn's tests	..
(5) Material for buboes, ulcers and abscesses sternal punctures etc. for microscopic and cultural examination.	86
(6) Sputum for organisms	600
(7) Stools for detection of Amaeboe, Cysts, Ova, Bacilli, Vibrios and for cultural investigations.	2350
(8) Urine examination by routine, chemical microscopic and cultural methods	2560
(9) Cerebro-Spinal Fluid for Microscopic and cultural examinations	1850
(10) Throat swabs for smears and cultures of B-Diphtheria	3250
(11) Van Den Bergh test	..
(12) Blood grouping and matching	..
Total	18,554

62 samples of Blood, 1897 of stool, 8 of C. S. Fluid, 12 of throat swabs were sent to the Haffkine Institute for investigations. My thanks are due to the Director and the staff of the Haffkine Institute for their help in assisting us as usual in the Laboratory investigations. My thanks are also due to the Dean and Professor of Pathology of the Seth G. S. M. College for their help in matching of blood for blood transfusion and also for supplying blood.

THE CO-OPERATIVE CREDIT SOCIETY LTD.

The City Fever Hospital Employees' Co-operative Credit Society Ltd., of the Hospital worked satisfactorily and continued to be in "A" Class in the classification of the Registrar of Co-operative Credit Societies. The total number of members on the roll at the end of June 1945 was 100 against 96 on the corresponding date of the previous year. 12 members joined the Society and 8 left during the period owing to the death or termination of services.

The share capital of the Society increased from Rs. 4,354-8-0 to Rs. 5,312-8-0. The amount of loans granted was Rs. 7,860 and that refunded was Rs. 5,920. The deposit of Rs. 966 received from the Bombay Municipality continued to be with the Society during the year.

The Society held its last annual general meeting on 30th September 1945 and declared a dividend of 2½ per cent. for the year ending 30th June 1945. The net profit during the year ending 30th June 1945 amounted to Rs. 383-6-0. The Reserve fund of the Society stands at Rs. 128-2-0 and other funds at Rs. 131-3-0. The limit of granting loans to members was increased from 150 to 200.

The accounts of the Society have been checked by the Government Auditor upto 30th November 1945.

POOR BOX CHARITY FUND.

The following statement shows the collections made from time to time and the expenditure incurred upto 31-12-1945.

STATEMENT OF ACCOUNTS

Receipts.	Rs. a. p.	Expenditure.	Rs. a. p.
Balance on 1st January 1945	3,731 2 3	Newspapers for patients	195 9 0
Collections from boxes	1,499 12 3	Purchase of blood for poor patients	35 0 0
Donations—		Sweetmeants in Xmas and Diwali	561 6 6
(1) Poor Box Fund	1,089 0 0	Balance on 31st December 1945	5,742 15 0
(2) Nurses' Welfare Fund	215 0 0		
Total	6,534 14 6		6,534 14 6

The fee for issue of medical certificates (after the payment of moiety to the Medical Assistants) is being credited to the Municipal Revenue at present. It is proposed to credit this to the Poor Box Fund at this Hospital, as is being done at the K. E. M. Hospital, in order to give benefits of the fees recovered from the patients or heir relatives to other poor patients at this Hospital as well and proposals in this behalf are under consideration.

TABLE No. I.

Table showing Admissions, Deaths and Average number of Patients during the year under Report.

Month.	Small-pox.	Chicken-pox.	Measles.	Mumps	Diphtheria.	C. S. Fever.	Erysipelas.	Influenza.	Encephalitis.	Whooping Cough.	Enteric Fever.	B. Dysentery.	A. Dysentery.	Cholera.	Plague.	Typhus Fever.	Other diseases including observation cases.	Total.	Deaths.	Discharges.	Daily average No. of patients	Remarks.
January ...	11	111	5	14	55	29	...	2	...	...	140	19	...	5	...	...	170	561	65	496	165	...
February ...	25	267	19	4	67	32	3	1	...	1	83	12	2	1	...	...	133	650	53	597	210	...
March ...	57	529	32	4	64	38	...	...	...	2	85	16	...	2	1	...	175	1,005	58	947	241	...
April ...	72	43	9	1	46	22	1	...	...	...	76	5	...	14	...	...	151	440	74	366	186	...
May ...	50	6	3	...	47	35	...	3	...	...	103	8	...	15	...	...	288	558	118	440	174	...
June ...	47	2	8	...	39	14	...	...	...	...	107	10	...	20	...	...	278	525	97	428	182	...
July ...	40	1	10	1	41	24	...	...	...	...	85	23	...	5	1	...	314	545	58	487	192	...
August ...	19	1	...	...	60	19	1	...	...	...	143	19	...	10	3	...	339	614	83	531	209	...
September ...	31	1	2	...	59	12	...	...	...	...	137	24	4	13	2	1	324	610	95	515	219	...
October ...	26	3	1	2	70	11	1	...	...	...	103	5	6	1	2	...	265	496	59	437	167	...
November ...	37	4	20	5	61	13	...	...	...	...	72	6	2	...	2	...	236	458	49	409	148	...
December	153	25	15	3	61	21	...	...	...	...	52	6	3	...	1	...	234	574	86	488	178	...
Total ...	568	993	124	34	670	270	6	6	...	3	1,186	153	17	86	12	1	2,907	7,036	895	6,141	189.25	

TABLE No. II.

Particulars.	Small-pox.	Chicken-pox.	Measles.	Mumps.	Diph-theria.	Cholera.	C. S. Fever.	Ery-sipelas.	Influenza.	B. Dy-sentery.	A. Dy-sentery.	Whooping Cough.	Enteric Fevers.	Plague.	Typhus fever.	Other diseases (including observation cases.)	Total
Patients remaining on 31st December 1944	2	10	...	1	19	...	5	...	...	7	...	...	38	...	...	29	111
Patients admitted from 1st January 1945 to 31st December 1945 ...	568	993	124	34	670	86	270	6	6	153	17	3	1,186	12	1	2,907	7,036
Total treated ...	570	1,003	124	35	689	86	275	6	6	160	17	3	1,224	12	1	2,936	7,147
Discharged ...	417	1,003	122	35	592	52	190	5	6	133	17	...	995	5	1	2,676	6,062
Died ...	153	...	2	...	97	34	85	1	...	27	...	...	229	7	...	260	895
Case Mortality rate % ...	26.8	...	1.6	...	14.1	39.5	30.8	16.6	...	16.8	...	...	18.7	58.3	...	8.9	12.5
Patients remaining on 31st December 1945	84	3	1	1	11	...	6	...	...	4	...	...	40	1	...	39	190
Maximum No. of beds occupied on one day.								296	on 24th March 1945.								

TABLE No. IV

Years.	Vaccinated Admissions.				Unvaccinated Admissions.			
	Total.	Cured.	Deaths.	Mortality %	Total.	Cured.	Deaths.	Mortality %
Under 1 year ...	...	...	...	...	14	2	12	85.7
1 year ...	1	1	...	...	5	2	3	60.0
2 years ...	3	...	3	100	6	3	3	50.0
3 years. ...	3	3	...	...	6	3	3	50.0
4 years ...	3	...	3	100	6	4	2	33.3
5 years ...	4	4	...	...	7	4	3	42.8
6-10 years ...	23	22	1	4.3	18	11	7	38.8
11-15 years ...	22	20	2	9.1	22	16	6	27.2
16-20 years ...	86	69	17	19.7	83	71	12	14.4
21-25 years ...	74	57	17	22.9	55	36	19	34.5
26-30 years ...	48	44	4	8.3	45	29	16	35.5
31-35 years ...	11	6	5	45.4	13	5	8	61.5
36-40 years ...	5	4	1	20.0	4	1	3	75.0
41-50 years ...	3	2	1	33.3	1	...	1	100
51-60 years ...	3	2	1	33.3	...	...	...	...
61-70 years ...	2	2	...	...	1	1	...	...
All Ages ...	292	237	55	18.1	276	178	98	35.5

MARATHA TUBERCULOSIS HOSPITAL

The Maratha Hospital was opened by the Maratha Community and K. B. Sardar Mir Abdul Ali and was originally intended for the use of Maratha people. The maintenance of the institution was subsequently handed over to the Bombay Plague Committee and then to the Municipality and all classes were later admitted to it. After this hospital was taken over in 1902, 5 new buildings were added to the permanent structure. It continued to be a Plague Hospital upto 1930 when it was decided by the Corporation to treat all cases of Infectious Diseases in the City Fever Hospital at Arthur Road. The Institution is since then used for the treatment of advanced cases of T. B. and all roadside cases.

Accommodation.—There are five wards, each accommodating sixteen patients. Owing to heavy demand from the public for admission, the accommodation had to be increased many a time by putting up extra beds in some of the wards and some cases had to remain on waiting list for some time before they were admitted to the hospital.

The total number of admissions during the year was 946 as against 853 in 1944. The daily average number of patients was 81.9 as against 83.9 in the last year.

Expenditure.—Total expenditure during the year was Rs. 110,391-10-0 as compared with Rs. 113,377-14-9 in the year 1944. The cost per patient per day comes to Rs. 3-1-2 during the year under review as against Rs. 3-1-1 in the year 1944.

Out of 946 patients admitted all were suffering from tuberculosis. The particulars are as follows :—

Particulars.		Number.
Patients remained on 1st January 1945		79
Patients admitted during the year for Tuberculosis		946
	Total ..	1025
Patients discharged	..	341
Patients died	..	602
Patients remaining on 1st January 1946	..	82
	Total ..	1025
Mortality per cent.	..	58.6

Classification of patients admitted according to caste.

Hindus.		Mahomedans.		Christians.		Anglo Indians and Europeans.		Others.		Grand Total.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
398	189	152	45	76	65	3	..	15	3	644	302

Distribution of patients admitted according to age.

Upto the age of.	10	15	20	25	30	35	40	45	50	Above. 50	Grand Total.
	11	13	91	204	181	118	116	62	60	90	946

X Ray Examination.—137 screenings were performed at the Tuberculosis Clinic, Princess Street.

Collapse (Relaxation) Therapy of Lungs.—Artificial Pneumothorax was induced in 44 new cases and the total number of refills was 176.

Operative treatment by Phrenic Evulsion was carried out in 19 cases.

Laboratory examinations. 1141 specimens of sputum and 69 of urine were examined at the laboratory during the year.

Out Patient Dispensary.—2435 cases were treated at the out-door dispensary in the year under review for various diseases as compared with 2594 in 1944.

Poor Box Charity Fund.

Statement showing the collections made from time to time and the expenditure incurred upto 31st December 1945 is given below :—

Receipts.	Rs.	a.	p.	Expenditure.	Rs.	a.	p.
Balance on 1st January 1945	675	15	6	Distribution of sweets and purchase of gramaphone records etc., for the comfort and entertainment of patients during Diwali Holidays and other occassions.	150	0	0
Donations from—							
The American Women's Club of Bombay	300	0	0				
Collections from the Charity Boxes	110	10	0	Balance on 31st December 1945	936	9	6
Total ..	1,086	9	6	Total	1,086	9	6

MARATHA HOSPITAL,
CONNOUGHT ROAD,
BOMBAY, *6th February 1945.*

B. S. KANGA,
M.D., D.P.H., F.R.I.P.H.H.
Medical Superintendent, Maratha Hospital.

REPORT OF WORK DONE IN THE MUNICIPAL LABORATORY DURING THE YEAR ENDING 31ST DECEMBER 1945.

The total number of samples examined during the period under report was 20,654 as compared with 27,703 samples in the year 1944. Of the above 16,645 samples were examined chemically and 4,009 bacteriologically.

CHEMICAL

Out of 16,645 samples examined chemically, the following were the food-stuffs :—

Nature of the Samples.		Municipal and Statutory.	Private.	Total.
Milk*		9,808	1,077	10,885
Ghee		1,007	183	1,190
Butter		1,213	112	1,325
Vegetable Product		774	20	794
Margarine		59	...	59
Tea and Tea-Dust		650	3	653
Coffee		99	...	99
Turmeric		144	...	144
Curds		61	3	64
Asafoetida.		7	...	7
Aerated Waters.		5	1	6
Oils.		12	6	18
Other Food-Stuffs	Food-Grains	336	...	336
	Flours	14	...	14
	Ice-Cream	2	1	3
	Honey	...	3	3
	Tomoto Katchup.	...	2	2
	Egg Powder	1	1	2
	Kitchen Brand Cooking	2	...	2
	Resem Jing Ghee	2	...	2
	Miscellaneous	5	2	7
		14,251	1,314	15,595

*Boric Acid in eleven milk samples and formalin in only one milk sample was detected.

The results of all the food-stuffs except of other food-stuffs have been shown in the attached statement No. 3.

OTHER FOOD STUFFS

373 samples of other food-stuffs were received as stated below :—

Nature of the Samples.	Total.	Remarks.
Food Grains ..	336	13 samples of rice, three of jowari and one of wheat were found to be unsound, unwholesome and unfit for human consumption.
Flours ..	14	Two samples of flour were unfit for human consumption.
Ice-Cream ..	3	No milk was detected.
Honey ..	3	Genuine.
Tomoto Katchup ..	2	One sample was found to be unfit for human consumption
Egg Powder ..	2	Both were unfit for human consumption.
Kitchen Brand Cooking ..	2	Genuine.
Resembling Ghee ..	2	Both the samples can not be substituted as ghee.
Miscellaneous ..	9	Genuine.
	373	

WATERS.

322 samples of water were examined as under :—

240	from Public Supply,
25	from Wells and
56	from Other Sources.
322	

All the samples of water collected from the Public Supply were found to be satisfactory. Twelve samples of well water were unfit for potable purposes. Ten samples of water from other sources were, on examination, found to be unsatisfactory.

SAMPLES OF URINE.

607 samples of urine were examined chemically, out of which 367 were sent by private individuals and 240 by the Municipal Authorities.

MISCELLANEOUS.

121 samples of miscellaneous nature were received as under :—

Nature of the samples.	Total.	Remarks.
Inks ..	84	
Medicines ..	14	All the samples were upto the British Pharmacopoeia standard.
Chemicals ..	8	Sulphate of Ammonia was found to be below the B.P. Standard.
Other Oils ..	4	...
Coloured Powders ..	3	...
Paints ..	3	...
Miscellaneous ..	5	...
Total ..	121	...

BACTERIOLOGICAL

4,009 samples were examined bacteriologically including 633 Slides for the detection of Malaria Parasites.

WATERS.

406 samples of water were examined as under :—

240	samples from Public Supply,
18	Samples from Wells and
148	Samples from Other Sources.
406	

71 samples of water collected from other sources and 17 samples of well water were, on examination found to be unsatisfactory for potable purposes. The rest were found to be satisfactory for potable purposes.

DISINFECTANTS.

25 samples of disinfectants were examined to determine Rideal Walker Co-efficient.

SAMPLES FOR DIAGNOSIC PURPOSES.

Nature of the samples.	Total.	Specific Organism.		
		Positive.	Negative.	
Blood for Malaria ...	633	128	505	
Blood for Differential Counts ...	2	...	...	2
Blood for Kala Azar ...	1	...	1	
Sputum for T. B. ...	1,015	320	1,015	
Swabs for Diphtheria ...	1,477	7	1,470	
Smear for Diphtheria ...	1	...	1	
Smear for Gonococci ...	8	1	7	
Stool for Amobae ...	4	...	4	
Stool for Tapeworm ...	1	...	1	
Stool for Dysentery ...	3	...	3	
Stool for Intestinal Parasites ...	1	...	1	
Stool ...	3	...	3	
Urine for Gonococci ...	1	...	1	
Total ...	3,470	456	3,012	2

MISCELLANEOUS.

108 samples of miscellaneous nature were examined as under :—

Nature of the samples.	Total.	Remarks.
Vaccine	83	
Aerated Waters	15	Seven samples were found to be unsatisfactory for potable purposes.
Sugar Cane Juice	6	Five were unatisfactory.
Milk	3	All were unsatisfactory.
Ice-Cream	1	Genuine.
	108	

GOVERNMENT SUBSIDISED MILK SCHEME

The work of examination of milk samples from the Government subsidised milk scheme was undertaken by the Laboratory. During the year under report, 45,590 samples of milk were examined. Out of these samples, 4,850 samples were found to be adulterated, thus giving the percentage of adulteration as 10.4.

WATER SAMPLES FROM THE BOMBAY PORT TRUST AREA.

The collection and examination of the water samples from the Bombay Port Trust Area was also undertaken by this Laboratory. During the year, 408 samples were collected and examined bacteriologically. 42 samples of water collected from the Bombay Port Trust Area were found to be unsatisfactory for potable purposes.

J. H. DOCTOR,
M.B.B.S., B.Hy.,
Municipal Analyst.

STATEMENT No. 1.

Statement of samples examined chemically during the year ending 31st December 1945.

Received from.	Waters.			Food-Stuffs.												Other Food-Stuffs.									Other Articles.								
	Bombay.	Well.	Other.	Milk.	Ghee.	Butter.	Vegetable Product.	Margarine.	Tea and Tea-Dust.	Coffee.	Turmeric.	Curds.	Asafoetida.	Aerated Waters.	Oils	Food Grains.	Flours.	Ice cream.	Honey.	Tomato Ketchup.	Egg Powder.	Kitchen Brand Cooking.	Resembling Ghee.	Miscellaneous.	Urine.	Inks.	Medicines.	Chemicals.	Other Oils.	Coloured Powders.	Paints.	Miscellaneous.	Total.
The Municipal Commissioner ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	84	...	...	...	...	...	...	85
The Hydraulic Engineer ...	168	...	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	203
The Executive Health Officer ...	...	...	...	5	...	...	...	...	1	1	...	...	...	...	1	17	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	28
The Milk Inspectors ...	...	...	...	342	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	342
The Inspectors from A & B Wards ...	...	...	1	1,152	192	285	234	3	254	37	52	2	3	...	...	...	8	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2,226
Do. C & D Wards ...	...	12	2	2,429	457	387	155	6	162	19	17	5	4	4	1	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	3,664
Do. E Ward ...	...	...	...	1,360	171	361	245	5	196	27	63	37	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,468
Do. F & G Wards ...	...	2	6	1,465	167	166	140	45	36	9	12	17	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,089
The Dean, King Edward Memorial Hospital. ...	...	...	...	728	...	14	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	11	...	...	...	...	...	756
The Special Officer (Milk) ...	...	...	...	46,590	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2*	...	...	...	...	...	...	...	...	46,592
The Assistant Health Officer Malaria ...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
The Election & Town Dut. Officer ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	4
The Superintendent of Licences and Shops Establishment ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2	...	...	...	...	...	3	3	...	...	10
The Controller of Stores	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	7
Th. Head Supervisor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Private Parties ...	...	5	20	1,007	183	112	20	...	3	...	...	3	...	1	6	...	...	1	3	2	1	...	...	2	367	...	...	...	1	...	...	...	1,737
The Other Municipal Authorities ...	72	...	...	2,376	...	...	...	...	1	6	...	...	...	...	...	319	...	...	...	...	1	...	...	1	240	...	...	...	...	...	1	...	3,017
Total ...	240	26	56	57,455	1,190	1,325	794	59	653	99	144	64	7	6	18	336	14	3	3	2	2	2	2	9	607	84	14	8	4	3	3	5	63,237

* These samples are collected by the staff of the Government subsidised milk scheme.

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 2.

Statement of samples examined bacteriologically during the year ending 31st December 1945.

Received from.	Waters.			Samples for Diagnostic purposes.																				Total.
	Bombay	Well.	Other	Blood for Differential counts.	Blood for malaria.	Sputum for T. B.	Swabs for Diphtheria.	Smear for Gonococci.	Blood for Kala Azar.	Stool for Amoeba.	Stool for Tape-worm.	Stool Dysentery.	Stool	Stool for intestinal Parasites.	Smear for Diphtheria.	Urine for Gonococci.	Disinfectants.	Vaccine.	Aerated waters.	Sugar cane Juice.	Milk.	Ice-cream.	
The Hydraulic Engineer. ...	168	...	59	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	227
The Inspectors from A and B Wards. ...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Do. C and D Wards. ...	...	12	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	37
Do. E Ward. ...	...	...	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	2	...	...	45
Do. F and G Wards. ...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...	...	11
Do. The Assistant Health Officer Malaria. ...	...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
The Superintendent of Vaccination. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83	...	...	...	...	83
The Controller of Stores. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	...	...	...	...	...	23
The Dean, King Edward Memorial Hospital. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Private Parties. ...	...	4	21	1	3	224	...	8	...	4	1	3	3	1	1	1	1	...	4	...	...	1	281
The other Municipal Authorities. ...	72	...	408*	1	627	1,111	1,477	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	3,699
Total ...	240	18	56	2	633	1,335	1,77	8	1	4	1	3	3	1	1	1	25	83	15	6	3	1	4,47

* These samples of water are collected from the Bombay Port Trust area.

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 3.

Statement of Samples of food-stuffs examined under Bombay Prevention and Adulteration Act of 1925 with their results during the year ending 31st December 1945.

Received from.	Milk.			Ghee.			Butter.			Vegetable Product.			Margarine.		Tea and Tea-Dust.		Coffee.		Turmeric.		Cumin.		Asafoetida.		Aerated Waters.		Oils.	
	Total.	Not Genuine	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Total.	Not Genuine.	Total.	Not Genuine.	Total	Presence of Lead detected.	Total.	Deficiency in Fat.	Total.	Not Genuine.	Total.	Presence of Saccharine above the limits.	Total.	Not Genuine.
The Municipal Commissioner ...	1	1	100.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Executive Health Officer ...	5	3	60.0	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...
The Milk Inspectors ...	342	105	30.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Inspectors from A & B Wards	1,152	222	19.7	192	30	15.6	285	57	20.0	234	2	0.9	3	...	254	1	37	...	52	...	2	...	3	3	...	...	1	...
Do. C & D do.	2,429	380	15.6	457	92	20.1	387	70	18.1	155	5	3.2	6	...	162	...	19	...	17	...	5	1	4	3	4	...	1	...
Do. E Ward	1,360	414	30.4	171	20	11.7	361	81	22.4	245	1	0.4	5	...	196	...	27	...	63	...	37	28	...	...	1	...	2	...
Do. F & G Wards	1,465	416	28.4	187	23	12.3	166	46	27.7	140	...	...	45	...	36	...	9	...	12	...	17	4	...	...	...	...	...	...
The Dean, King Edward Memorial Hospital.	728	173	23.8	...	...	...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1
The Special Officer (Milk) ...	46,590 †	4,850	10.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Controller of Stores ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...
Private Parties	1,007	169	16.8	183	67	36.6	112	60	53.6	20	1	5.0	...	...	5	...	...	...	...	...	3	1	...	...	1	...	6	1
The Other Municipal Authorities	2,376	884	33.7	...	...	...	...	...	...	...	...	...	...	...	1	...	6	3	...	...	...	...	...	...	...	...	...	...
Grand Total, ...	57,455	7,617	13.3	1190	232	19.5	1,325	314	23.4	794	9	1.1	59	...	653	1	99	3	144	...	64	35	7	6	6	...	18	2

† These Milk samples were collected by the staff of the Government Subsidised Milk Scheme.

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 4.

Statement of Results of Bombay waters examined chemically during the year ending 31st December 1945.

Parts per 100,000.

Source.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
Tansa Lake Water :—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	0.002	0.001	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	0.001	0.001	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.014	0.012	0.009	0.012	0.012	0.015	0.009	0.010	0.007	0.016	0.008	0.012	0.003	0.009	0.008	0.006	0.003	0.006	0.006	0.005	0.006	0.004	0.004	0.006
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.078	0.072	0.056	0.068	0.074	0.080	0.048	0.050	0.048	0.034	0.032	0.054	0.048	0.050	0.048	0.040	0.028	0.035	0.032	0.028	0.030	0.026	0.030	0.032
Tansa Water from 48" Tansa Main at Sion.																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil*	0.001	*Nil.*	0.001	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	0.021	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	0.001	0.001	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.005	0.005	0.005	0.004	0.006	0.006	0.011	0.006	0.006	0.014	0.006	0.005	0.008	0.007	0.006	0.004	0.004	0.003	0.005	0.006	0.006	0.004	0.004	0.004
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.028	0.030	0.030	0.032	0.032	0.034	0.056	0.036	0.026	0.025	0.030	0.028	0.042	0.036	0.034	0.032	0.030	0.026	0.028	0.030	0.028	0.028	0.026	0.030
Tansa Water from The Inlet at Malabar Hill Reservior :—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil*	*Nil.*	0.001	*Nil.*	0.008	0.001	0.001	0.008	0.007	*Nil.*	*Nil.*	*Nil.*	0.001	0.003	*Nil.*	0.004	*Nil.*	*Nil*	*Nil.*
Albuminoid Ammonia.	0.012	0.005	0.005	0.006	0.008	0.008	0 007	0.005	0.006	0.008	0.007	0.009	0.007	0.008	0.006	0.005	0.004	0.003	0.006	0.005	0.005	0.003	0.003	0.003
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.058	0.032	0.028	0.032	0.036	0.040	0.038	0.032	0.033	0.030	0.034	0.038	0.036	0.042	0.036	0.052	0.032	0.028	0.034	0.026	0.028	0.024	0.022	0.024
Tulsi Lake Water :—																								
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Chlorine	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3
Free Ammonia	0.001	0.001	*Nil.*	*Nil*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.002	*Nil.*	*Nil.*	*Nil.*	0.002	*Nil.*	0.001	*Nil.*	0.001	*Nil.*	*Nil.*	0.004	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.020	0.019	0.014	0.018	0.020	0.020	0.020	0.020	0.014	0.047	0.020	0.022	0.014	0.012	0.013	0.007	0.014	0.009	0.013	0.014	0.015	0.028	0.018	0.014
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.104	0.102	0.086	0.098	0.110	0.108	0.100	0.108	0.090	0.107	0.098	0.108	0.096	0.072	0.076	0.068	0.078	0.077	0.092	0.094	0.098	0.104	0.086	0.072
Tansa water from 57" Tansa Main at Bandra:—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0 7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil*	0.001	*Nil.*	*Nil.*	0.001	0.001	*Nil.*	*Nil*	*Nil*	0 003	0.001	*Nil.*	0.005	0.007	0.001	*Nil.*	0.003	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	0.001
Albuminoid Ammonia	0.006	0.011	0.005	0.006	0.006	0.005	0.008	0.007	0.005	0.008	0 008	0.006	0.003	0.009	0.005	0.005	0.004	0.003	0.003	0.008	0.004	0.004	0.003	0.006
Oxygen Absorbed at 80° F. (Tidy's Process)	0.036	0.070	0.038	0.034	0.038	0.040	0.042	0.040	0.031	0.033	0 0.0	0.032	0.0 0	0.042	0.030	0.032	0.032	0.024	0.026	0.036	0.026	0.024	0.024	0.032

STATEMENT No. 4 (*Contd.*)

Source.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October		November.		December.	
	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
Vehar Lake Water:—																								
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0
Chlorine	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.002	*Nil.*	0.005	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	0.001	0.003	0.001
Albuminoid Ammonia	0.022	0.013	0.024	0.013	0.016	0.023	0.021	0.028	0.014	0.025	0.026	0.017	0.018	0.013	0.022	0.007	0.009	0.009	0.015	0.020	0.017	0.012	0.010	0.014
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.108	0.078	0.110	0.082	0.090	0.110	0.102	0.110	0.062	0.094	0.104	0.076	0.088	0.065	0.104	0.082	0.074	0.068	0.078	0.099	0.090	0.072	0.060	0.074
Tansa Water from the Inlet at Bhandarwada Reservior:—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil*	0.002	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	0.001	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.007	0.006	0.006	0.006	0.006	0.006	0.005	0.009	0.006	0.007	0.008	0.005	0.006	0.006	0.007	0.006	0.004	0.003	0.004	0.004	0.004	0.005	0.004	0.003
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.032	0.038	0.032	0.030	0.032	0.030	0.026	0.036	0.031	0.028	0.032	0.023	0.030	0.028	0.030	0.028	0.034	0.028	0.032	0.030	0.028	0.030	0.028	0.024
Tansa Water from the out let at Gowalia Tank:—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Free Ammonia	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.008	0.001	*Nil.*	0.004	0.001	*Nil.*	*Nil.*	0.001	0.001	0.001	*Nil.*	0.003	*Nil.*	*Nil.*	0.001
Albuminoid Ammonia	0.006	0.007	0.006	0.008	0.005	0.007	0.006	0.006	0.005	0.008	0.007	0.006	0.008	0.005	0.005	0.006	0.004	0.003	0.005	0.004	0.005	0.003	0.003	0.004
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.030	0.040	0.030	0.040	0.038	0.038	0.030	0.028	0.028	0.026	0.032	0.030	0.034	0.030	0.028	0.030	0.032	0.026	0.028	0.026	0.030	0.022	0.024	0.030
Tulsi Water from 24" Tulsi Main at Santa Cruz:—																								
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Chlorine	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.3	1.4	1.4
Free Ammonia	*Nil.*	0.024	0.012	0.021	0.001	0.005	0.004	0.004	*Nil.*	0.003	0.005	0.004	*Nil.*	0.004	0.040	0.032	0.001	0.011	0.011	0.003	0.012	0.002	0.004	0.007
Albuminoid Ammonia	0.004	0.012	0.010	0.010	0.006	0.013	0.012	0.016	0.009	0.008	0.016	0.012	0.004	0.006	0.013	0.007	0.004	0.012	0.012	0.008	0.012	0.007	0.008	0.014
Oxygen Absorbed at 80°F. (Tidy's Process)..	0.034	0.088	0.082	0.080	0.042	0.086	0.080	0.090	0.064	0.054	0.088	0.076	0.016	0.032	0.088	0.066	0.036	0.082	0.086	0.072	0.092	0.036	0.042	0.088
Vehar Water from 48" Vehar Main at Powai:—																								
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0
Chlorine	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
Free Ammonia	*Nil.*	0.001	0.001	0.001	*Nil.*	0.001	0.001	*Nil*	*Nil.*	0.005	*Nil.*	0.004	0.016	0.001	0.003	0.003	0.001	*Nil.*	*Nil.*	0.001	*Nil.*	00.07	0.003	0.001
Albuminoid Ammonia	0.010	0.009	0.008	0.012	0.008	0.013	0.012	0.010	0.007	0.023	0.014	0.011	0.022	0.012	0.012	0.005	0.006	0.005	0.005	0.012	0.006	0.013	0.010	0.012
Oxygen Absorbed at 80°F (Tidy's Process) ...	0.060	0.056	0.058	0.072	0.058	0.060	0.072	0.060	0.090	0.045	0.078	0.080	0.102	0.074	0.068	0.036	0.032	0.030	0.028	0.072	0.032	0 088	0.084	0.070

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 5.

Statement of Bacteriological Analysis of Bombay water samples during the year ending 31st December 1945.

Lactose Fermenters.

Source.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
Vehar water from 32" Vehar Main at King Circle. ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Vehar water from 24" Vehar Main at Sion Causeway. ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from Malbar Hill Reservoir ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 48" New Tansa Main at Sion Cabin ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 48" Old Tansa Main at Sion Cabin ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 57" East Main at Bandra Cabin. ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 57" West Main at Bandra Cabin...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tulsi water from 24" West Main at Santa-Cruz	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from the out-let at Gowalia Tank Fire Brigade Station,	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from Bhandar wada Reservoir. ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100

H. DOCTOR,
Municipal Analyst.

THE ANNUAL REPORT OF THE SUPERINTENDENT OF VACCINATION FOR TNE YEAR 1945.

Dr. B. D. E. Kothawala was in charge of the branch from 1st January 1945 to 14th February 1945, from 15th February 1945 to 27th May 1945, Dr. M.D. Vakil, and again from 1st November 1945 to 31st December 1945 and I was incharge from 28th May 1945 to 31st October 1945.

There are in all 31 public vaccination stations in the City, including the three stations at theInfant Welfare Centres at Wadi Bunder, DeLisle Road and Naigaum. Out of these, 28 are open once a week from 8 A.M. to 10-30 A.M. (S.T.) and one station at the Infant Welfare Centre, Naigaum, works from 3-30 to 5-30 P.M.(S.T.). once a week and the remaining two, daily (1) at Princess Street for the south of the City from 8 A.M. to 10-30 A.M. (S.T.) and 2-30 P.M. to 5-30 P.M. (S.T.) except Sundays and Bank Holidays when it is open from 8. A.M. to 10-30 A.M. (S.T.) and (2) at Central Vaccination Depot, Parel, for the north of the City from 7-30 A:M. to 5-30 P.M. (S.T.) except on Sundays and Bank Holidays when it is open from 7-30 to 10-30 A.M. (S.T.) only

In addition to the 31 stations mentioned above, the following five stations were worked throughout the year :—

(1) Municipal Marathi Boys School, No. 119 Dadyshet Agiary Lane, Fanaswadi.
(2) Souter Street District Registrar's Office No. 7 District.
(3) Municipal Dispensary, Parel Tank Road, Ambewadi.
(4) DeLisle Road Cross Lane, Infant Welfare Centre, Peons chawl, Byculla.
(5) Arthur Road Hospital.

The first four stations worked for 2½ hours once a week. The station at Arthur Road Hospital worked every day for two hours in the evening.

Vaccine Operations with results.—The following statement shows the number of persons primarily vaccinated during the year 1945 and the preceding nine years and the percentage of successful primary operations in each year :—

Year.	Primary Vaccination.		Percentage of successful vaccination to the total No. of vaccination, results of which were known.	No. of revaccination,	Total No. of persons vaccinated.
	No. of children vaccinated.	No. Successful.			
1936 ..	29462	27240	..	61388	90850
1937 ..	35151	32519	..	71957	107180
1938 ..	34714	30072	..	303365	338079
1939 ..	32294	29903	..	38890	71184
1940 ..	39307	35726	99.56	161588	200895
1941 ..	35955	31781	99.66	239201	275156
1942 ..	31282	26788	99.54	142836	174118
1943 ..	46000	40045	99.62	190330	236330
1944 ..	58825	46464	99.47	759978	818803
1945 ..	53971	44979	99.53	188544	242515

Note.—The percentage of success in previous years is omitted as it shows a ratio to the total number o vaccination which includes children removed out of the City without their results being ascertained and the ratio which was given in previous years offers no correct idea of the actual rate of all the results in the total number of primary vaccinations.

Out of children vaccinated primarily 40418 were born in the City and 13553 out-side the City as against 42268 and 16557 respectively in the previous year.

(2) The results of primary vaccination by ages. The following table reprsents the results of primary vaccinations by ages :—

Results.	Under 1 year.	1-6 years.	6 years and upwards.	Total.
Successfu ..	35645	9112	222	44979
Unsuccessful ..	161	46	3	210
Unknown ..	6591	2147	44	8782

(3) Inspection of results.—The reports of the Vaccinators were checked by the Superintendent n 2977 cases and by the Head Vaccinator in 7842 cases. The success rate was 100 per cent. Care was taken to check the Municipal Vaccinator's work in a large number of cases that revisited the stations for inspection after seven days and the same was found to be satisfactory. By this inspection it was also ensured that the vaccine used was of good potency.

(4) **Income.**—The following statement shows the details of the income derived from the sale of lymph, fees charged for vaccinations done at private places, firms etc., for giving instructions in vaccination and for supplying extracts from vaccination registers during the year under report :—

Amount realised for sale of lymph.	Municipal moiety of the fees realised from private vaccinations.	Municipal fees (Moiety only) recovered from Medical & Private students for receiving vaccination instructions.	Fees realised from vaccination extracts and other items.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
14,529 8 0	1,488 0 0	1,780 0 0	327 0 0	18,124 8 0

(5) **Cost of a single operation.**—The cost of each successful vaccine operation taking into account all the charges incurred by the vaccination branch was Rs. 2-7-2. as against Rs. 3-3-0. in the previous year. If the income of the corresponding period is deducted from the total expenditure, the cost works out at Rs. 2-0-8 as against Rs. 2-12-3 in the previous year. If calculated against the total number of vaccine operations *i.e.*, both primary and re-vaccinations during the year, the cost of each operation after deducting the income of the year comes to Rs. 0-6-1 as compared to Rs. 0-2-6 in the preceeding year.

(6) **Postponement certificates.**—During the year under report 272 certificates for postponement of the vaccinatin of the children were granted.

(7) **Prosecution.**—There were no cases of prosecution for failure to bring infants for vaccination or for failure to present them for inspection several days after the operation.

(8) **Ill effects from vaccination.**—No serious ill effectes due to vaccination were observed or reported during the year.

(9) **Instructions to students.**—During the period under report 241 civil Medical Students and 122 private students from the City and mofussil attended different public Vaccination Staions for instruction in Vaccination. Besides these, six Lady Health Visitors of the Bombay Presidency Infant Welfare Society were given Instruction in Vaccination at the request of the Secretary of the Society free of charge.

(10) **Vaccination of Pilgrims.**—625 pilgrim passes for proceeding to Haj were issued by Port Haj Committee during the year. Of these 283 Pilgrims were vaccinated at the office of the Port Haj Committee.

M. SEQUIRA,
Ag. Superintendent of Vaccination.

Table No. 1.

POPULATION BY SECTIONS

Ward.	Section.	Population. By the Census 1931. Males.	Females.	Total.	By the Census 1941. Males.	Females.	Total.
1	Upper Colaba ...	288	148	436	7,210	1,091	8,301
	Middle and Lower Colaba ...	13,628	6,326	19,954	21,513	12,007	33,520
	Fort, South ...	2,854	641	3,495	9,656	3,738	13,394
2	Fort, North ...	16,823	9,009	25,832	18,367	10,189	28,556
	Esplanade ...	9,814	4,489	14,303	11,938	6,530	18,468
3	Mandvi ...	27,050	14,656	41,706	25,411	13,503	38,914
	Chukla ...	12,031	6,006	18,037	13,986	8,068	22,054
4	Umerkhadi ...	25,588	16,006	41,594	32,567	19,715	52,282
	Dongri ...	8,101	4,927	13,028	12,680	9,082	21,762
5	Khara Talao ...	14,998	8,245	23,243	22,998	14,071	37,069
	Kumbharwada ...	19,815	12,212	32,027	18,957	10,898	29,855
6	Bhuleshwar ...	23,097	12,009	35,106	19,033	8,634	27,667
	Market ...	26,952	11,699	38,651	22,923	11,461	34,384
7	Dhobi Talao ...	27,568	16,804	44,372	29,147	17,843	46,990
	Fanaswadi ...	19,722	12,355	32,077	21,575	14,362	35,937
8	Khetwadi ...	24,350	14,957	39,307	31,229	21,455	52,684
	Tardeo ...	19,200	12,548	31,748	21,216	13,996	35,212
9	Girgaum ...	24,369	14,417	38,786	32,485	21,470	53955
	Chowpati ...	10,091	6,106	16,197	13,670	9,082	22,752
10	Walkeshwar ...	14,523	8,211	22,734	15,354	9,797	25,151
	Mahalakshmi ...	22,948	13,621	36,569	32,254	22,368	54,622
11	Mazagon ...	28,414	14,739	43,153	28,575	15,762	44,337
	Tarwadi ...	24,678	15,660	40,338	24,210	14,659	38,869
12	1st Nagpada ...	4,672	2,551	7,223	6,350	4,740	11,090
	2nd Nagpada ...	13,368	7,694	21,032	19,635	11,055	30,690
	Kamathipura ...	23,488	14,083	37,571	26,346	16,063	42,409
13	Byculla ...	59,098	32,887	91,985	62,908	33,570	96,478
14	Parel ...	40,407	23,153	63,560	43,836	27,590	71,426
15	Sewri ...	17,376	9,380	26,756	20,625	11,239	31,864
	Naigaum ...	...	...	...	32,448	19,717	52,165
16	Matunga ...	...	...	...	25,562	18,195	43,757
	Sion ...	43,167	26,031	69,198	13,169	8,871	22,040
17	Dadar ...	...	...	...	30,727	19,885	50,612
	Mahim ...	30,048	19,196	49,244	25,566	19,139	44,705
18	Parbhadevi ...	...	...	...	37,023	21,775	58,798
	Worli ...	73,644	40,887	1,14,531	35,777	20,887	56,664
19	Chinchpokli ...	...	...	...	38,528	21,229	59,757
	Love Grove ...	...	...	...	3,386	1,313	4,699
	Harbour, Docks, Railways and Unknown ...	25,241	2,349	27,590	33,613	2,381	35,994
	Total ...	7,47,381	4,14,002	11,61,383	9,42,453	5,47,430	14,89,883

Table No. 2.

TABLE SHOWING THE AREA, DENSITY OF POPULATION, THE NUMBER OF BIRTHS, THE BIRTH-RATE AND DEATHS UNDER ONE YEAR PER 1,000 BIRTHS BY SECTIONS IN 1945.

1	2	3	4	5			6	7	8
Ward.	Sections.	Area in Acres.	Average Population per Acre calculated on the Census Population of 1941.	Number of Births registered.			No. of Births per 1,000 of Population.	Mean ratio of Births per 1,000 of Population during the preceding 5 years.	Deaths under 1 year per 1,000 Births.
				Males.	Females.	Total.			
1	Upper Colaba ...	605.77	13.7	119	113	232	27.9	25.3	91
	Middle and Lower Colaba ...	770.88	43.5	421	383	804	24.0	21.4	151
	Fort, Southern ...	454.26	29.5	147	136	283	21.1	16.6	110
2	Fort, Northern ...	89.70	318.4	492	473	965	35.8	29.8	164
	Esplanade ...	648.41	28.5	401	375	776	39.3	33.7	140
3	Mandvi ...	171.60	226.7	466	389	855	21.4	22.8	187
	Chukla ...	45.16	488.3	367	368	735	35.3	30.0	109
4	Umarkhadi ...	94.95	550.6	1,011	957	1,968	37.6	31.9	164
	Dongri ...	296.50	73.4	511	462	973	44.7	37.8	152
5	Khara Talao ...	57.36	646.3	462	495	957	25.8	21.5	146
	Kumbharwada ...	42.05	710.0	529	521	1,050	35.2	26.2	229
6	Bhuleshwar ...	43.22	640.1	771	713	1,484	53.6	37.1	165
	Market ...	81.75	420.6	584	556	1,140	33.2	25.4	152
7	Dhobi Talao ...	114.63	409.9	876	882	1,758	37.4	30.4	187
	Fanaswadi ...	102.39	351.0	713	686	1,399	38.9	31.2	152
8	Khetwadi ...	153.71	342.7	905	933	1,838	34.9	29.1	164
	Tardeo ...	146.92	239.7	679	684	1,363	38.7	32.0	191
9	Girgaum ...	114.42	471.5	866	932	1,798	33.3	27.3	160
	Chowpati ...	106.52	213.6	549	527	1,076	47.3	32.7	72
10	Walkeshwar ...	584.20	43.1	435	455	890	35.4	24.1	121
	Mahalakshmi ...	680.02	80.3	856	771	1,627	29.8	25.6	180
11	Mazagon ...	544.41	81.4	803	776	1,579	35.6	28.9	213
	Tarwadi ...	359.90	108.0	697	691	1,388	35.7	32.3	205
12	1st Nagpada ...	96.20	115.3	232	203	435	39.2	36.0	260
	2nd Nagpada ...	86.53	354.7	646	595	1,241	40.4	33.2	175
	Kamathipura ...	60.32	703.1	634	630	1,264	29.8	26.3	289
13	Byculla ...	536.27	179.1	1,729	1,615	3,344	34.7	27.9	263
14	Parel ...	560.59	127.4	1,707	1,692	3,399	47.6	36.0	182
15	Sewri ...	1,129.56	28.2	640	598	1,238	38.9	28.9	272
	Naigaum ...	425.08	122.7	1,204	1,079	2,283	43.8	...	209
16	Matunga ...	388.46	112.6	753	734	1,487	34.0	...	137
	Sion ...	2,737.89	8.1	501	511	1,012	45.9	40.2	169
17	Dadar ...	1,450.38	34.9	1,246	1,102	2,348	46.4	...	212
	Mahim ...	370.74	120.6	962	932	1,894	42.4	40.6	145
18	Parbhadevi ...	489.46	120.1	1,052	940	1,992	33.9	...	238
	Worli ...	915.11	61.9	1,199	981	2,180	38.5	35.4	242
19	Chinchpokli ...	477.31	125.2	1,057	990	2,047	34.3	...	249
	Love Grove ...	708.76	6.6	63	55	118	25.1	...	203
	Harbour, Docks, Railways and Unknown ...	...	...	...	...	...	...	...	...
	Total ...	16,761.57	88.9	27,285	25,885	53,170	35.7	29.7	190

Table No. 2A.

STATEMENT OF BIRTHS BY SECTIONS AND MONTHS FOR THE YEAR 1945.

War No.	Name of Section.	Months.												Totals
		January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
1	Upper Colaba ...	23	16	16	16	7	17	27	22	18	31	17	22	232
	Middle and Lower Colaba. ...	85	66	52	50	59	54	51	70	83	69	82	83	804
2	Fort, Southern ...	25	22	19	16	17	32	27	23	30	16	33	23	283
	Fort, Northern ...	94	66	69	70	80	68	62	70	84	98	98	106	965
3	Esplanade ...	79	48	51	42	50	46	49	59	74	75	71	82	726
	Mandvi ...	73	48	66	64	55	70	71	79	83	74	78	94	855
4	Chakla ...	63	55	51	60	70	59	52	73	53	73	54	72	735
	Umarkhadi ...	208	129	139	137	159	143	150	145	166	163	194	235	1,968
5	Dongri ...	94	57	73	59	62	84	77	103	81	73	103	107	973
	Khara Talao ...	88	73	71	65	66	83	82	90	83	88	69	99	957
	Kumbharwada ...	84	72	76	76	72	74	80	95	95	96	111	119	1,050
6	Bhuleshwar ...	129	99	113	104	120	101	115	103	123	147	145	185	1,484
	Market ...	112	91	91	68	63	84	83	90	110	111	120	117	1,140
7	Dhobi Talao ...	172	101	122	127	121	111	141	157	163	180	192	171	1,758
	Fanaswadi ...	128	103	105	87	90	114	103	100	121	153	143	152	1,399
8	Khetwadi ...	183	126	111	108	122	120	134	164	159	173	213	225	1,838
	Tardeo ...	122	84	88	86	95	107	111	124	129	139	140	138	1,363
9	Girgaum ...	157	108	110	122	125	136	134	141	164	179	200	222	1,798
	Chowpati ...	90	60	158	76	69	66	77	80	84	97	112	107	1,076
10	Walkeshwar ...	76	87	72	59	68	70	78	85	66	67	71	91	890
	Mahalaxmi ...	166	174	126	115	129	119	145	140	135	169	146	163	1,627
11	Mazgaon ...	131	123	91	98	119	125	134	141	155	157	154	151	1,579
	Tarwadi ...	137	105	107	99	109	86	86	137	129	137	126	130	1,388
12	First Nagpada ...	32	38	20	35	31	30	26	47	56	35	38	47	435
	Second Nagpada ...	103	103	92	85	75	89	127	93	115	112	121	126	1,241
	Kamathipura ...	123	85	82	88	89	93	92	114	123	127	125	123	1,264
13	Byculla ...	315	216	251	230	223	265	261	276	320	323	341	323	3,344
14	Parel ...	326	224	233	251	237	234	260	290	300	297	328	419	3,399
15	Sewri ...	114	92	74	82	109	88	102	95	109	108	119	146	1,238
	Naigaum ...	220	192	176	200	146	149	161	185	175	181	208	290	2,283
16	Matunga ...	127	107	107	92	96	118	115	117	119	144	149	196	1,487
	Sion ...	95	66	71	79	72	75	76	86	90	92	101	109	1,012
17	Dadar ...	231	204	172	156	147	161	181	207	201	229	229	230	2,348
	Mahim ...	183	147	130	106	128	159	147	153	164	188	179	210	1,894
18	Parbhadevi ...	176	126	132	128	132	138	167	179	201	200	221	192	1,992
	Worli ...	188	128	141	133	183	172	159	155	199	255	227	240	2,180
19	Chinchpokli ...	203	150	86	123	133	159	168	188	195	207	224	211	2,047
	Love Grove ...	10	6	6	8	6	6	7	12	14	12	11	20	118
	Harbour, Docks, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	4,965	3,797	3,650	3,600	3,734	3,905	4,118	4,488	4,769	5,075	5,293	5,776	53,170

Table No. 3.

TABLE OF POPULATION AND BIRTHS BY COMMUNITIES OR CASTES IN 1945.

Race or Caste.	Population		Births				
			Registered in 1945			Number per 1,000.	
	By the Census of 1931	By the Census of 1941	Males.	Females.	Total.	1944	1945
Jains ...	12,424	33,281	820	773	1,593		
Brahmins ...	75,966	1,24,438	1,984	1,888	3,872		
Lingaits ...	347	1,736	149	133	282	36·4	33·4
Bhatias ...	5,895	6,568	137	133	270		
Banias ...	50,822	34,921	973	948	1,921		
Hindus of other Castes ...	5,53,580	7,38,751	12,115	11,350	23,465		
Scheduled class ...	1,03,251	1,21,352	3,675	3,497	7,172	66·8	59·1
Mussalmans ...	2,09,246	2,51,318	4,325	4,220	8,545	33·7	34·0
Parsees ...	57,765	59,813	548	529	1,077	19·5	18·0
Jews ...	8,621	10,390	237	209	446	40·9	42·9
Indian Christians ...	64,269	78,149	1,993	1,917	3,910	49·3	50·0
Anglo-Indians ...	7,039	8,797	97	95	192	22·2	21·8
Europeans ...	9,420	13,001	139	125	264	23·0	20·3
Buddhists ...	1,630	912	45	38	83	98·7	91·0
Other and unknown Castes	1,108	6,456	48	30	78	12·1	12·1
Total ...	11,61,383	14,89,883	27,285	25,885	53,170	38·2	35·7

Table No. 3-A.

TABLE SHOWING THE NUMBER OF BIRTHS BY MONTHS DURING THE YEARS 1942, 1943 1944, & 1945 AND THE AVERAGE FOR THE YEARS (1940-1944)

Period.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1940—44...	3,749	3,171	3,096	3,022	3,096	2,999	3,164	3,307	3,642	4,155	4,287	4,561	42,249
1941 ...	3,629	2,846	3,108	2,953	3,013	2,860	2,997	3,201	3,499	3,799	3,863	4,186	39,954
1942 ...	3,593	3,005	2,139	1,995	2,047	1,882	1,999	2,194	2,446	3,240	3,373	3,623	31,536
1943 ...	2,863	2,141	2,295	2,909	3,153	3,372	3,458	3,732	4,409	4,970	5,186	5,527	44,015
1944 ...	5,226	4,769	4,876	4,218	4,192	4,144	4,353	4,359	4,714	5,224	5,341	5,491	56,907
1945 ...	4,965	3,797	3,650	3,600	3,734	3,905	4,118	4,488	4,769	5,075	5,293	5,976	53,170

Table No. 4.

TABLE SHOWING CASES OF INFECTIOUS DISEASES NOTIFIED FROM ALL SOURCES DURING THE YEAR 1945.

1	2	3														
Ward.	Sections.	Total Number of Cases notified in each Section.														
		Cholera.	Small-pox.	Plague.	Enteric Fever.	Diph-theria.	Typhus.	Relapsing Fever.	Kala Azar	Puerperal Fever.	Tuber-culosis.	Leprosy.	Influenzal Pneumonia	Cerebro Spinal Meningitis.	Scarlet Fever.	Total.
1	Upper Colaba ...	...	7	...	2	6	4	...	...	...	3	...	...	1	...	23
	Middle and Lower Colaba ...	...	1	...	12	15	...	...	...	...	22	...	...	...	...	50
	Fort, Southern ...	...	5	...	23	9	1	...	...	...	22	...	...	4	...	64
2	Fort, Northern ...	...	20	...	46	10	1	...	...	...	47	...	...	7	...	131
	Esplanade ...	...	7	1	23	12	1	...	...	1	64	...	...	...	...	109
3	Mandvi ...	1	4	...	7	3	...	...	...	...	22	...	...	6	...	43
	Chukla ...	3	3	...	2	11	...	...	...	...	26	...	...	3	...	48
4	Umarkhadi ...	3	27	2	41	26	...	...	...	...	78	...	...	13	...	190
	Dongri ...	...	18	...	25	11	...	...	...	...	48	...	...	1	...	103
5	Khara Talao ...	1	8	...	12	15	...	...	...	...	28	...	...	3	...	67
	Kumbharwada ...	4	16	...	10	5	...	...	...	...	61	...	...	2	...	98
6	Bhuleshwar ...	...	5	...	12	29	...	...	...	...	46	...	...	13	...	105
	Market ...	1	17	...	18	9	...	...	...	...	36	...	...	5	...	86
7	Dhobi Talao ...	1	46	...	32	34	1	...	...	...	53	...	...	4	...	171
	Fanaswadi ...	...	12	1	28	14	...	...	...	...	23	...	...	5	...	83
8	Khetwadi ...	4	13	1	23	25	1	...	...	...	93	...	...	9	...	169
	Tardeo ...	...	16	1	22	20	...	...	...	...	51	...	...	5	...	115
9	Girgaum ...	1	14	1	32	10	...	...	...	1	79	1	...	9	...	148
	Chowpati ...	2	6	...	14	6	...	...	...	...	33	...	...	6	...	67
10	Walkeshwar ...	2	3	...	7	11	...	...	...	...	15	...	...	3	...	41
	Mahalakshmi ...	1	22	...	38	22	...	...	...	...	69	...	...	7	...	159
11	Mazagon ...	...	16	1	49	10	...	...	...	...	36	...	...	8	...	120
	Tarwadi ...	1	22	...	74	14	1	...	...	...	89	...	...	4	...	205
12	1st Nagpada ...	1	6	...	18	18	1	...	...	...	7	...	...	4	...	55
	2nd Nagpada ...	...	27	...	23	18	...	...	...	...	90	1	...	6	...	165
	Kamathipura ...	2	28	...	18	11	...	...	...	...	54	...	...	6	...	119
13	Byculla ...	40	68	...	226	110	...	...	...	...	135	1	...	54	...	634
14	Parel ...	1	27	...	129	40	2	...	...	1	145	...	...	19	...	364
15	Sewri ...	1	9	...	38	8	...	...	...	...	38	...	...	12	...	106
	Naigaum ...	1	14	...	46	15	...	...	...	...	82	...	...	17	...	175
16	Matunga ...	1	9	...	27	28	...	...	...	...	27	22	...	6	...	120
	Sion ...	...	7	...	36	16	1	...	...	...	26	47	...	5	...	138
17	Dadar ...	3	38	...	50	30	...	...	...	...	32	...	...	9	...	162
	Mahim ...	1	12	...	19	33	...	...	...	...	24	...	...	3	...	92
18	Prabhadevi ...	6	15	3	61	11	...	...	...	...	29	...	...	9	...	134
	Worli ...	3	7	2	28	9	1	...	...	...	34	...	...	9	...	93
19	Chinchpokli ...	1	28	...	56	12	...	...	...	...	42	...	...	8	...	147
	Love Grove ...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	3
	Harbour, Docks, etc. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	86	603	13	1,329	686	15	...	...	3	1,810	72	...	285	...	4,902
	Average of the last 5 years (1940 to 1944)	9	2,113	1	1,123	333	18	...	1	25	2,049	76	6	122	1	5,877

Table No. 5.

Table of Cases treated at all the Municipal Dispensaries during 1945.

Description of diseases	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Measles ...	1	4	3	2	4	3	2	9	5	5	1	2	41
Whooping Cough ...	5	4	10	17	8	4	7	9	7	4	8	5	88
Dengue ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza ...	1,548	1,629	1,775	2,056	2,343	2,047	2,045	2,051	2,241	2,422	1,962	1,570	23,689
Dysentery ...	196	182	202	279	326	236	407	422	324	299	248	221	3,342
Diarrhoea ...	641	512	629	764	898	763	1,248	1,074	694	745	782	827	9,577
Malarial Fever ...	63	41	50	47	45	59	49	53	51	71	72	73	674
Fever not defined ...	820	922	1,088	1,103	1,352	1,030	1,021	1,119	1,024	1,395	1,144	930	12,948
Bronchitis ...	111	113	115	221	197	107	155	165	154	144	130	145	1,757
Pneumonia ...	27	18	18	34	44	28	25	38	21	23	16	21	313
Diseases of the teeth ...	353	310	395	460	398	359	405	405	334	348	323	311	4,401
Ophthalmia ...	280	309	415	426	427	377	440	374	415	411	296	243	4,413
Corneal Ulcer ...	3	...	...	2	2	...	1	1	3	7	31	31	81
Ringworm ...	281	275	463	313	329	382	503	475	474	555	372	308	4,730
Scabies ...	2013	1,761	2,019	1,715	1,548	1225	1,701	1,788	2,266	2,485	2,187	2,162	22,870
Worms ...	414	374	502	521	571	431	443	446	435	413	481	441	5,472
All other diseases and injuries	8,512	7,686	9,324	9,703	10,276	9,377	10,679	11,038	10,116	11,566	8,653	8,354	1,15,284
Leprosy ...	...	...	...	...	...	...	...	...	...	...	...	2	...
Total new cases ...	15,268	14,140	17,008	17,663	18,768	16,428	19,131	19,467	18,564	20,893	16,706	15,646	2,09,682

Including 2435 cases treated at the Maratha Hospital Out door dispensary

Note.—This Table does not include the number of patients treated at the three Dispensaries for Tuberculosis (*see* page 10) and at those for Women and Children (*see* page 18).

Table No. 6.

DEATHS FROM ALL CAUSES BY SECTIONS AND AGE-PERIOD IN 1945.

1	2	3	4	5	6	7	8	9	10	11	12	13	14			15	16	
Wards	Sections.	Under 1 year.	1 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 years and upwards.	Age unspecified.	Total deaths			No. of deaths among males to 100 deaths among females.	Ratio of deaths per 1,000 of population.	
													Males.	Females.	Persons.		1941	Mean during the previous 5 years.
1	Upper Colaba	21	4	2	...	5	32	18	14	4	8	...	83	25	108	332	13.0	16.7
	Middle and Lower Colaba	121	101	16	11	7	47	46	38	46	103	...	284	252	536	112	16.0	14.4
2	Fort, Southern	31	19	2	4	6	16	15	17	19	25	...	95	59	154	161	11.5	9.6
	Fort, Northern	158	109	36	16	14	55	54	48	54	100	...	361	283	644	127	22.5	21.2
3	Esplanade	102	55	17	16	15	72	67	54	55	71	...	337	187	524	180	28.4	24.7
	Mandvi	160	77	21	10	16	66	51	51	43	90	...	356	229	585	155	15.0	17.7
4	Chukla	80	33	8	7	7	28	45	32	42	68	...	218	132	350	165	15.9	16.5
	Umarkhadi	322	179	46	33	41	121	135	110	96	241	...	716	608	1,324	117	25.3	23.2
5	Dongri	148	106	22	12	19	58	64	46	47	66	...	326	262	588	124	27.0	24.0
	Khara Talao	140	62	15	19	16	39	46	44	40	106	...	295	232	527	126	14.2	15.1
6	Kumbharwada	240	130	28	12	21	83	78	69	78	115	...	466	388	854	120	28.6	22.6
	Bhuleswar	245	126	34	26	29	86	88	80	89	159	...	536	426	962	125	34.8	28.2
7	Market	173	125	28	26	26	79	71	54	57	79	...	433	285	718	150	20.9	15.9
	Dhobi Talao	329	196	58	23	25	114	96	78	110	210	...	694	545	1,239	126	26.4	21.4
8	Fanaswadi	212	133	35	13	36	83	87	49	70	136	...	464	390	854	117	23.8	20.6
	Khetwadi	302	188	45	29	52	173	123	103	119	183	...	706	611	1,317	115	25.0	20.8
9	Tardeo	260	214	33	16	17	100	95	96	73	182	...	610	476	1,086	128	30.8	25.8
	Girgaum	288	162	43	25	43	112	110	96	90	207	...	641	535	1,176	118	21.8	16.6
10	Chowpati	77	36	15	10	8	52	41	26	31	77	...	217	156	373	139	16.5	14.0
	Walkeswar	108	39	11	8	9	26	28	22	44	111	...	232	174	406	133	16.1	13.0
11	Mahalakshmi	293	197	35	22	29	121	109	89	100	263	...	692	566	1,258	121	23.0	19.7
	Mazagaon	337	239	30	25	32	131	120	108	93	165	...	714	566	1,280	125	28.9	23.1
	Tarwadi	284	220	34	26	38	134	138	96	60	159	...	653	536	1,189	121	30.6	25.5
12	1st Nagpada	113	94	14	8	10	31	27	21	19	43	...	199	181	380	109	34.3	25.2
	2nd Nagpada	217	122	43	32	44	189	223	186	202	269	...	996	531	1,527	187	49.7	38.4
	Kamathipura	366	322	48	23	41	142	134	120	89	210	...	733	762	1,495	96	35.2	29.7
13	Byculla	879	565	112	63	84	313	282	223	221	388	...	1,660	1,470	3,130	112	32.4	27.3
14	Parel	617	498	85	56	67	272	240	174	169	268	...	1,365	1,081	2,446	126	34.2	25.4
15	Sewri	337	282	29	16	26	120	111	74	67	150	...	650	562	1,212	115	38.0	26.9
	Naigaum	477	408	55	31	49	200	138	82	104	200	...	966	778	1,744	124	33.4	...
16	Matunga	204	91	16	15	23	62	47	41	34	142	...	379	296	675	128	15.4	...
	Sion	171	145	24	9	14	79	81	55	32	77	...	408	279	687	146	31.2	28.7
17	Dadar	498	498	71	29	38	155	134	98	98	216	...	970	865	1,835	112	36.2	...
	Mahim	275	180	44	15	26	122	92	87	85	208	...	607	527	1,134	115	25.4	23.8
18	Parbhadevi	474	423	64	19	43	160	142	98	114	224	...	943	818	1,761	115	29.9	...
	Worli	528	567	71	20	51	163	140	116	90	242	...	1,026	962	1,988	106	35.1	28.4
19	Chinchpokli	510	449	70	32	43	153	156	127	117	270	...	1,011	916	1,927	110	32.2	...
	Love Grove	24	19	1	1	3	9	8	5	4	14	...	51	37	88	137	18.7	...
	Harbour, Docks, etc.,	4	5	4	4	3	24	26	24	21	19	...	105	29	134	362	3.7	13.0
	Total	10,125	7,418	1,365	762	1,076	4,022	3,706	2,951	2,926	5,864	....	22,198	18,017	40,215	...		...
	Average of five years 1940-44	8,533	5,454	1,053	569	876	3,437	3,076	2,478	2,239	4,536				32,284			

Table No. 6A.

TABLE SHOWING INFANT MORTALITY BY SECTIONS AND MONTHS IN 1945.

Ward No.	Name of Section.	Months.												Total.
		Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	
1	Upper Colaba ...	2	2	6	1		1	1	3		3	2		21
	Middle and Lower Colaba. ...	11	8	10	12	11	7	6	15	11	15	1	14	121
	Fort, Southern ...	4	4	2	4	4	2	2	4	3	...	1	1	31
2	Fort, Northern ...	11	17	14	10	11	11	16	16	12	13	16	11	158
	Esplanade ...	8	5	6	7	12	7	9	6	10	11	9	12	102
3	Mandvi ...	8	12	17	11	16	13	17	19	14	11	7	15	160
	Chukla ...	11	8	9	8	6	9	5	5	5	3	8	3	80
4	Umarkhadi ...	25	21	26	25	26	23	34	35	30	30	21	26	322
	Dongri ...	7	7	12	18	19	14	14	13	15	9	11	9	148
5	Khara Talao ...	7	12	14	14	11	13	13	14	12	9	7	14	140
	Kumbharwada ...	10	12	23	22	18	27	22	22	17	21	27	19	240
6	Bhuleshwar ...	10	21	18	18	19	23	17	30	18	18	27	26	245
	Market ...	9	17	18	10	16	10	18	18	11	15	17	14	173
7	Dhobi Talao ...	18	16	22	30	36	40	33	40	23	18	28	25	329
	Fanaswadi ...	16	16	17	16	20	16	19	19	23	9	22	19	212
8	Khetwadi ...	30	22	17	20	25	28	18	29	33	29	15	36	302
	Tardeo ...	19	12	21	17	27	19	18	28	28	20	22	29	260
9	Girgaum ...	21	16	23	27	22	26	28	25	16	25	30	29	288
	Chaupati ...	9	5	6	3	9	3	6	9	7	6	6	8	77
10	Walkeshwar ...	6	8	12	12	11	6	9	12	6	8	9	9	108
	Mahalaxmi ...	29	15	16	18	19	25	36	12	28	39	18	38	293
11	Mazgaon ...	21	18	28	17	34	29	26	44	39	24	30	27	337
	Tarwadi ...	26	14	19	31	23	19	36	31	21	24	22	18	284
12	1st Nagpada ...	9	6	3	11	11	11	11	10	7	14	12	8	113
	2nd Nagpada ...	22	7	18	13	21	19	15	23	18	17	21	23	217
	Kamathipura ...	33	18	25	34	33	23	40	32	35	25	33	35	366
13	Byculla ...	74	50	59	62	86	70	87	89	68	82	61	91	879
14	Parel ...	34	45	39	45	53	59	72	63	54	46	54	48	617
15	Sewri ...	21	17	20	35	30	32	31	45	28	19	30	29	337
	Naigaum ...	38	27	32	34	41	48	54	60	38	33	34	38	477
16	Matunga ...	13	18	16	13	11	14	25	30	14	22	10	18	204
	Sion ...	14	9	10	14	15	15	15	31	15	13	7	13	171
17	Dadar ...	38	33	25	26	51	50	58	57	45	34	41	40	498
	Mahim ...	18	18	18	18	22	26	31	30	26	19	19	30	275
18	Parbhadevi ...	34	28	30	40	46	36	49	48	47	34	43	39	474
	Worli ...	38	28	36	49	49	41	54	52	47	47	40	47	528
19	Chinchpokli ...	37	37	47	38	40	38	55	69	44	36	33	36	510
	Love Grove ...	3	2	2	5	2	1	1	3	1	2	2	...	24
	Harbour, Docks, etc. ...		...	...	...	1	1	...	...	...	...	2	...	4
	Total ...	744	631	736	788	907	855	1,001	1,096	869	803	798	897	10,125

Table No. 7.

DEATHS BY CASTES AND AGES IN THE YEAR 1945.

	Within 24 Hours		1 to 7 days		1 to 4 weeks		4 week to 3 months		3 months to 6 months		6 to 12 months		1 to 2 years		2 to 5 years		5 to 10 years		10 to 15 years		15 to 20 years		20 to 30 years		30 to 40 years		40 to 50 years		50 to 60 years		60 and over		Age unspecified	All ages.		Persons	Average of five years 1940 to 1944
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male	Female	Male	Female		
Jains ...	10	1	14	11	13	9	11	7	12	7	17	16	26	13	21	18	12	13	8	4	7	7	35	29	22	15	38	7	34	21	41	25			321	203	524	483
Brahmin ...	38	26	59	30	47	41	31	29	39	38	92	66	90	106	74	68	29	31	24	25	41	35	135	89	133	108	118	43	131	54	220	159			1,301	948	2,249	1,653
Lingayat ...	11	9	14	11	11	14	10	4	5	5	27	27	35	41	27	43	9	10	4	5	2	6	13	20	26	10	23	5	17	4	30	26			264	240	504	435
Bhatias ...	3	3	4	...	4	1	2	1	3	1	7	2	6	4	1	6	3	3	1	1	5	6	5	7	3	3	6	4	9	5	18	22			80	69	149	163
Banias ...	22	7	18	15	27	23	19	13	12	16	48	35	38	53	22	28	18	17	9	16	19	18	46	32	37	37	39	21	81	24	96	71			551	426	977	746
Hindus of other casts.	208	178	464	330	460	339	303	262	318	306	795	790	893	1,028	642	715	312	305	173	180	284	237	1,127	896	1,105	748	994	426	957	364	1,274	1,150			10,309	8,254	18,563	14,525
Hindu Schedule-Class.	94	48	146	108	142	136	156	103	165	162	425	369	490	551	584	648	143	165	59	43	54	65	223	267	251	216	229	111	197	125	352	425			3,710	3,542	7,252	5,283
Mussalmans ...	71	54	130	89	123	117	135	101	116	105	193	187	202	199	192	240	96	108	65	92	82	115	377	407	426	279	418	178	406	131	643	358			3,675	2,760	6,435	5,831
Parsees ...	4	3	8	8	9	6	7	11	9	4	8	10	7	5	5	5	8	5	5	2	8	3	14	11	17	18	33	33	86	52	278	238			506	414	920	860
Jews ...	2	3	1	2	2	3	3	1	6	2	4	2	6	1	6	5	5	5	3	2	...	3	3	10	4	5	8	5	9	6	37	29			99	84	183	181
Indian-Christians ...	14	18	41	35	59	59	89	90	60	43	73	60	69	84	62	53	28	36	15	22	31	38	117	93	93	95	112	59	127	45	149	140			1,139	970	2,109	1,773
Anglo-Indians ...	4	2	1	1	...	1	1	...	2	2	2	3	1	2	...	...	2	1	1	...	2	...	7	5	...	5	7	3	12	7	6	17			45	49	94	102
Europeans ...	...	...	...	2	...	1	...	2	...	1	1	...	...	...	...	...	...	...	1	2	7	...	47	4	30	4	16	4	9	6	25	22			136	48	184	163
Buddhists ...	2	...	...	...	...	...	...	...	...	1	...	2	1	...	...	1	1	...	...	...	...	1	5	...	12	1	10	...	7	...	13	...			51	6	57	48
Other and Unknown Casts ...	4	1	1	...	...	1	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	1	...	3	...	1	...	...	...	...	...			11	4	15	38
TOTAL ...	487	353	901	642	897	751	767	624	747	693	1,693	1,570	1,864	2,087	1,636	1,831	668	699	368	394	542	534	2,152	1,870	2,162	1,544	2,052	899	2,012	844	3,112	2,682		2,28	22,298	18,017	40,215	
Persons. ...	840		1,543		1,648		1,391		1,440		3,263		3,951		3,467		1,365		762		1,076		4,022		3,706		2,951		2,926		5,864				40,215			
Average of five years. 1940—44.	2,004				1,341		2,476				2,712		2,916		2,538		1,053		589		876		3,437		3,076		2,478		2,239		4,536		13				32,284

Table No. 8.

DEATHS BY AGES AND MONTHS IN 1945.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Average of five years 1940-44.
Within 24 Hours ...	65	41	45	50	71	67	85	107	98	73	78	60	840	2,004
1 to 7 days	158	89	96	97	114	110	128	147	147	151	142	164	1,543	
1 to 4 weeks	123	121	96	111	124	109	146	184	160	152	122	200	1,648	1,341
4 weeks to 3 months ...	106	96	86	98	105	96	143	148	133	129	108	143	1,391	2,476
3 months to 6 months ...	127	102	161	123	115	93	127	142	102	104	111	133	1,440	
6 months to 12 months ...	165	182	252	309	378	380	372	368	229	194	237	197	3,263	2,712
1 to 2 years	243	222	320	343	429	343	400	416	329	320	307	279	3,951	2,916
2 to 5 years	241	253	299	288	323	298	322	375	304	273	225	266	3,467	2,538
5 to 10 years	113	111	127	106	130	127	107	106	104	91	115	128	1,365	1,053
10 to 15 years	64	62	56	81	64	69	66	45	67	69	67	52	762	589
15 to 20 years	90	70	107	87	105	84	93	106	90	93	70	81	1,076	876
20 to 30 years	338	291	364	360	354	332	333	331	374	331	315	299	4,022	3,437
30 to 40 years	341	302	316	305	332	327	277	286	328	301	294	297	3,706	3,076
40 to 50 years	292	229	267	246	241	217	215	249	252	230	253	260	2,951	2,478
50 to 60 years	270	234	259	237	247	199	229	255	252	245	233	266	2,926	2,239
60 and over	611	501	490	473	482	451	451	508	453	464	470	510	5,864	4,536
Ages Unspecified ...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
All Ages	3,347	2,906	3,341	3,314	3,614	3,302	3,494	3,773	3,422	3,220	3,147	3,335	40,215	
Average of five years 1940-44.	2,715	2,685	2,884	2,758	2,608	2,465	2,736	2,810	2,667	2,746	2,526	2,684		32,284

Table No. 9.

TABLE OF DEATHS BY SECTIONS AND MONTHS IN 1945.

Ward. No.	Localities — Name of Sections.	Months. Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	Total.
1.	Upper Colaba ...	11	4	14	10	7	7	7	14	11	9	9	5	108
	Middle and Lower Colaba.	49	37	38	48	44	48	39	47	50	54	32	50	536
	Fort, Southern ...	12	12	9	19	20	7	16	22	10	7	10	10	154
2.	Fort, Northern ...	52	47	61	40	53	50	49	70	54	55	54	59	644
	Esplanade	42	43	44	34	59	30	50	49	48	46	43	36	524
3.	Mandvi	61	39	51	43	54	48	52	52	59	42	39	45	585
	Chukla	31	35	28	26	27	39	23	34	28	32	26	21	350
4.	Umarkhadi	113	119	102	101	117	117	103	121	115	103	109	104	1,324
	Dongri	39	41	45	52	57	51	62	51	46	51	44	49	588
5.	Khara Talao ...	37	52	56	49	41	41	43	47	45	38	41	37	527
	Kumbharwada ...	70	47	80	84	83	72	68	76	55	63	85	71	854
6.	Bhuleshwar	76	76	77	77	79	80	84	82	79	73	89	90	962
	Market	62	60	68	54	66	51	54	66	53	67	58	59	718
7.	Dhobi Talao ...	104	88	103	100	130	93	100	137	109	97	99	79	1,239
	Fanaswadi	80	63	85	68	74	73	76	73	54	57	77	74	854
8.	Khetwadi	118	91	106	105	118	108	104	116	110	116	93	132	1,317
	Tardeo	88	85	97	89	98	104	80	88	87	86	88	96	1,086
9.	Girgaum	93	87	115	117	90	100	97	87	102	91	82	115	1,176
	Chowpati	43	28	30	29	33	23	18	35	33	32	35	34	373
10.	Walkeshsar	35	30	38	40	27	35	34	40	33	27	33	34	406
	Mahalakshmi ...	100	86	82	87	108	98	112	116	126	127	100	116	1,258
11.	Mazagaon	93	92	133	94	110	112	107	119	126	94	104	96	1,280
	Tarwadi	118	92	104	99	108	82	107	95	114	85	97	88	1,189
12.	1st Nagpada	31	24	27	40	35	34	32	29	27	35	31	35	380
	2nd Nagpada ...	123	117	118	131	119	109	119	162	137	120	131	141	1,527
	Kamathipura... ...	139	97	161	119	138	119	119	111	135	119	104	134	1,495
13.	Byculla	257	214	235	260	318	256	268	295	259	266	244	258	3,130
14.	Parel	211	186	206	187	227	202	230	212	207	199	187	192	2,446
15.	Sewri	93	86	84	105	113	122	110	124	94	79	104	98	1,212
	Naigaum	171	115	138	124	153	146	187	169	127	135	137	142	1,744
16.	Matunga	51	67	51	52	52	56	67	77	53	57	50	42	675
	Sion	61	52	52	54	66	57	50	80	63	50	51	51	687
17.	Dadar	140	128	130	156	167	157	172	196	168	132	155	134	1,835
	Mahim	88	70	91	104	95	90	101	118	103	98	72	104	1,134
18.	Parbhadevi	140	125	146	142	171	155	147	160	161	143	130	141	1,761
	Worli	143	121	148	191	183	148	219	199	160	164	143	169	1,988
19.	Chinchpokli	160	145	167	156	159	144	179	187	165	149	139	177	1,927
	Love Grove	12	5	7	6	7	6	8	9	6	7	5	10	88
	Harbour, Docks, etc. ...	...	...	14	22	8	32	1	8	10	15	17	7	134
	TOTAL ...	3,347	2,906	3,341	3,314	3,614	3,302	3,494	3,773	3,422	3,220	3,147	3,335	40,215

Table

TABLE OF DEATHS BY CAUSES

Classification Numbers		1	2	3	4	5	6	7	8	9	10	11	12	13 M	13 F	14	15	16	17	18	19	20	21	22	23
Wards.	SECTIONS.	Typhoid and Para-Typhoid Fever (1-2).	Cerebro-Spinal Fever (6)	Scarlet Fever (8)	Whooping Cough (9)	Diphtheria (10)	Tuberculosis of Respiratory System (13)	Other forms of Tuberculosis (14-22).	Syphilitic disease (30)	Influenza (33)	Measles (35)	Acute Poliomyelitis & Polio Encephalitis (36)	Acute infectious Encephalitis (37)	Cancer of buccal cavity and Oesophagus (45, 46A) males.	Cancer of uterus (48)	Cancer of Stomach and duodenum (46a)	Cancer of breast (50)	Cancer of all other sites (45-46A females, 46c-h 47, 49, 51-55)	Diabetes (61)	Intra-Cranial Vascular Lesions (63)	Heart Disease (90-95)	Other diseases of circulatory System (96-103)	Bronchitis (106)	Pneumonia (107-109)	Other Respiratory Diseases (104, 105, 110-114)
1	Upper Colaba ...	2	1	...	1	...	3	1	...	...	...	2	...	...	...	...	...	3	...	5	5	...	1	13	2
	Middle & Lower Colaba	3	...	...	...	1	19	2	1	1	...	...	...	2	...	...	2	8	1	12	17	4	10	145	22
	Fort, Southern ...	5	1	...	...	...	10	4	...	...	...	...	...	...	...	...	...	3	1	5	10	...	2	29	5
2	Fort, Northern ...	19	2	...	2	1	29	11	1	...	4	...	...	3	1	1	3	8	2	7	13	3	13	165	30
	Esplanade ...	9	...	...	...	2	51	5	1	...	...	1	...	...	...	...	...	9	3	7	14	2	10	91	20
3	Mandvi ...	5	...	...	...	1	22	12	1	...	...	1	1	1	...	1	...	4	...	2	8	4	2	172	36
	Chukla ...	1	2	...	...	...	20	3	2	...	...	...	...	2	...	1	1	4	2	9	10	...	3	81	16
4	Umarkhadi ...	8	4	...	1	3	41	19	2	...	2	...	...	1	...	...	1	4	1	12	20	2	5	264	41
	Dongri ...	11	1	...	...	3	36	12	2	...	2	...	...	...	...	...	...	1	2	2	5	...	4	109	24
5	Khara Talao ...	2	2	...	...	1	15	11	2	...	3	...	...	2	...	...	...	1	...	6	7	2	51	150	18
	Kumbharwada ...	5	1	...	1	3	48	7	1	...	6	...	...	...	...	...	...	7	4	3	8	2	59	237	37
6	Bhuleshwar ...	20	5	...	...	5	31	7	...	...	4	...	...	2	...	1	...	2	1	5	16	...	69	309	35
	Market ...	28	2	...	2	2	39	14	...	1	2	...	...	1	...	1	...	5	1	15	20	9	11	161	22
7	Dhobi Talao ...	28	...	...	...	6	74	19	1	1	2	...	2	2	1	...	...	10	1	17	28	5	16	235	40
	Fanaswadi ...	25	3	...	...	6	37	17	...	2	1	...	...	1	1	1	...	9	5	9	12	2	21	137	26
8	Khetwadi ...	40	3	...	1	2	63	25	4	4	3	...	...	1	2	3	...	10	7	23	29	3	9	301	45
	Tardeo ...	10	...	...	...	4	40	13	3	4	...	1	...	...	...	1	...	10	1	10	18	4	4	322	43
9	Girgaum ...	23	4	...	...	...	45	16	...	2	5	...	...	1	1	1	...	6	7	15	28	9	10	277	22
	Chowpati ...	6	1	...	...	1	24	7	1	1	...	...	...	1	...	...	1	1	2	9	18	5	9	74	8
10	Walkeshwar ...	3	1	...	...	1	14	2	...	...	...	...	...	...	1	...	...	10	1	10	16	6	3	76	10
	Mahalakshmi ...	21	5	...	1	...	53	12	1	3	4	1	1	...	2	6	5	12	6	18	31	7	26	334	46
11	Mazagaon ...	21	2	...	...	2	30	13	3	...	9	...	...	1	...	2	...	4	1	15	12	7	9	430	12
	Tarwadi ...	41	...	...	...	7	71	9	2	1	7	...	...	...	1	2	1	4	1	3	14	2	11	422	25
12	1st Nagpada ...	5	1	...	1	4	12	8	...	1	3	...	...	...	...	....	...	1	1	5	4	...	6	115	8
	2nd Nagpada ...	22	2	...	...	2	177	25	4	...	1	...	...	1	...	...	...	1	7	17	30	7	62	243	98
	Kamathipura ...	6	2	...	...	1	53	14	2	...	19	...	...	2	...	...	...	3	2	7	2	3	6	473	65
13	Byculla ...	62	23	...	...	15	80	21	1	...	32	...	...	2	1	2	1	5	2	15	18	10	52	771	181
14	Parel ...	59	10	...	1	7	95	42	4	2	5	...	...	2	2	1	1	21	3	15	22	17	60	645	59
15	Sewri ...	11	4	...	...	6	26	6	2	...	4	...	...	...	...	...	...	2	...	1	5	...	17	407	80
	Naigaum ...	30	8	...	...	4	42	17	2	...	6	...	...	1	...	2	...	10	2	4	5	8	66	545	77
16	Matunga	12	3	...	...	5	22	7	...	2	3	...	...	2	2	3	3	3	12	16	16	4	14	105	20
	Sion ...	8	1	...	...	1	24	4	3	...	1	...	...	...	...	...	3	3	1	4	7	...	3	204	13
17	Dadar	11	6	...	...	4	24	10	2	2	5	...	...	1	1	3	1	8	5	7	10	5	8	729	47
	Mahim ...	15	1	...	...	7	38	12	1	4	1	...	...	3	...	1	...	5	3	11	20	4	7	308	61
18	Parbhadevi	13	1	...	...	...	25	17	1	...	3	...	...	1	...	1	...	2	2	10	16	4	10	809	110
	Worli ...	12	4	...	...	4	30	17	3	...	4	...	...	2	...	1	...	5	...	4	14	3	10	807	74
19	Chinch pokli	13	4	...	1	2	38	15	2	...	18	...	...	...	...	2	...	2	1	16	12	1	5	763	8
	Love Grove	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	39	3
	Harbour, Docks etc.	...	1	...	...	...	22	1	...	1	...	...	...	...	...	...	...	1	...	1	3	3	1	5	2
	Total ...	616	111	...	12	113	1,524	457	55	32	160	6	4	38	16	37	23	207	91	353	543	147	685	11,5 2	1,586
		1	2	3	4	5	6	7	8	9	10	11	12	13 M	13 F	14	15	16	17	18	19	20	21	22	23

No. 10.

AND SECTIONS IN 1945.

24	25	26	27	28	29	30	31	32	33	34	35	36														
												Other defined Diseases														
Ulceration of stomach or duodenum (117)	Diarrhoea (119, 120)	Appendicitis (121)	Other Digestive Diseases (115, 116, 118, 122-129)	Nephritis (130-132)	Puerperal and Post abortive Sepsis (140, 147)	Other Maternal Causes (141-146, 148-150).	Premature birth (159).	Congenital malformation, birth injury (157, 158, 160, 161)	Suicide (163-164).	Road traffic accident (170-171).	Other Violent Causes (165-169, 172-198)	A	B	C	D	E	F	G	H	J	K	L	M	Still-born.	TOTAL.
												Small-pox (34).	Plague (3).	Kala Azar (29).	Malaria (28A).	Ague and Remittent fever (28B)	Relapsing fever (31).	Fever not Defined (200.2a).	Cholera (4).	Dysentery (27).	Leprosy (23).	Senility and old age (162)	All other causes		
...	1	4	8	1	...	...	6	6	...	5	14	3	...	...	1	...	...	...	...	1	...	3	16	8	108
...	26	1	12	5	1	1	8	45	2	5	20	1	...	...	1	1	...	2	...	15	...	43	97	47	536
1	5	...	6	1	...	...	10	10	...	2	9	1	...	...	...	1	...	1	...	...	...	4	28	23	154
4	12	...	17	15	...	...	25	26	...	7	32	6	...	...	3	7	...	10	...	7	...	40	115	72	644
4	18	2	14	12	1	1	27	34	2	6	29	1	1	...	6	1	...	4	...	5	...	24	107	33	524
1	10	1	11	6	...	3	22	47	1	6	26	2	...	...	2	2	...	2	...	3	...	41	126	51	585
...	15	...	7	1	...	...	10	31	...	...	5	1	...	...	...	1	...	...	...	6	...	37	80	34	350
1	50	...	24	6	...	5	49	124	...	6	38	7	2	...	2	116	...	4	2	2	...	188	267	125	1,324
2	17	...	11	3	1	1	25	49	...	7	15	7	...	...	...	52	...	7	...	6	...	41	127	62	588
1	13	...	9	1	...	2	26	40	...	2	12	2	...	...	1	2	...	5	...	...	...	51	94	52	527
...	4	...	13	4	2	8	30	50	1	7	15	10	...	...	5	16	...	2	2	3	...	68	185	51	854
...	18	...	22	2	...	1	34	52	1	6	23	5	...	...	2	6	...	5	...	5	...	83	185	91	962
...	22	1	34	2	...	1	33	35	1	5	21	12	...	...	5	28	...	4	1	3	...	38	136	77	718
1	34	4	20	15	1	4	57	110	1	2	25	11	...	...	4	6	...	10	...	6	...	123	261	114	1,239
2	49	2	13	16	1	2	46	80	...	2	21	7	...	...	4	10	...	9	...	1	...	48	226	62	854
...	31	1	22	19	1	2	57	107	2	4	31	7	1	...	3	3	...	12	...	2	...	92	342	112	1,317
1	25	...	16	10	...	2	52	69	2	1	22	12	...	...	3	76	...	4	...	5	...	123	152	81	1,086
...	26	1	34	16	4	6	48	73	4	4	19	8	...	...	1	14	...	14	...	7	1	122	302	101	1,176
...	11	...	10	6	...	4	24	12	1	1	14	6	...	...	...	2	...	1	1	2	...	28	81	39	373
...	15	...	12	11	...	1	27	31	...	4	9	1	...	...	1	1	...	2	...	3	...	54	80	36	406
3	31	4	33	17	...	4	39	105	1	3	17	15	...	...	1	13	...	10	1	7	...	140	219	97	12,58
...	62	1	18	1	...	4	27	92	1	6	29	3	...	...	7	8	...	30	...	8	...	137	273	103	1,280
3	41	...	10	8	...	5	24	78	2	5	21	6	...	1	10	26	...	16	...	4	...	94	220	101	1,189
...	21	...	1	3	...	2	14	23	1	...	5	1	...	...	1	5	...	1	...	2	...	32	93	24	380
3	42	...	24	7	...	...	31	76	11	17	126	5	...	...	5	29	...	7	...	17	6	95	326	155	1,527
1	55	...	4	4	1	...	40	130	4	5	26	6	...	...	1	12	...	1	1	2	...	145	396	102	1,495
2	139	3	33	14	...	2	90	341	2	10	45	18	2	...	7	166	...	21	12	69	...	301	558	235	3,130
3	90	3	54	14	2	11	95	175	3	12	45	11	...	...	13	62	...	32	4	14	...	152	587	194	2,446
...	31	...	5	2	...	2	34	87	3	6	28	4	...	...	...	83	...	6	...	7	1	61	281	95	1,212
...	67	...	30	8	...	5	51	127	...	13	35	8	...	...	6	114	...	21	1	27	...	134	268	138	1,744
2	39	...	32	11	...	2	25	42	3	6	28	...	...	...	2	23	...	18	...	8	...	41	139	76	675
...	23	...	22	3	2	4	11	59	3	5	14	5	...	...	...	69	...	4	...	12	55	41	75	42	607
1	35	...	28	2	...	5	32	201	2	4	22	14	...	...	1	10	...	6	3	14	...	162	404	148	1,315
...	36	...	24	8	1	8	32	107	...	...	23	3	...	...	2	24	...	9	...	18	...	140	197	123	1,134
...	81	...	15	3	2	1	30	201	3	2	13	6	1	...	2	4	...	8	1	18	...	163	182	161	1,761
1	43	...	18	4	1	9	44	183	...	7	14	4	1	...	2	11	...	12	...	12	...	187	441	175	1,988
1	80	...	11	...	1	2	35	131	...	4	18	15	...	2	...	2	...	8	1	8	...	190	436	145	1,927
...	1	...	...	...	...	...	2	7	...	...	1	1	...	...	...	2	...		...	...	...	11	18	5	88
1	1	...	2	1	...	1	...	...	3	1	27	...	...	1	1	...	...	...	...	1	...	8	45	8	134
38	1371	28	679	262	22	111	1273	3196	60	188	937	235	8	4	96	1008	...	308	30	330	63	3483	8166	3338	10,215
24	25	26	27	28	29	30	31	32	33	34	35	A	B	C	D	E	F	G	H	J	K	L	M		

Table No. 11.

COMPARATIVE TABLE OF DEATHS FROM SOME OF THE PRINCIPAL CAUSES AND BIRTHS DURING 1945 AND THE PRECEDING 10 YEARS.

Year.	Births (excluding still-births).		Total Deaths.		Plague.		Small-pox.		Measles.		Cholera.		Influenza.		Enteric Fever.		Malaria.		Ague and Remittent Fever.		Tuberculosis.		Diarrhoea, Enteritis and Dysentery.		Respiratory Diseases.		Deaths under 1 year.		Deaths of Children (1 to 5 years.)			Maternal Deaths.	
	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000.	No. Registered.	Rate per 1,000. Births Registered.	No. Registered.	Percentage to total deaths.	Still-born.	No. Registered.	Rate per 1,000 Births Registered.
1935 ...	34,428	29.6	29,289	25.2	1	0.0	1,248	1.1	264	0.2	13	0.0	72	0.1	232	0.2	97	0.1	1,389	1.2	1,929	1.7	1,235	1.1	10,641	9.2	8,455	245.6	5,537	18.9	2,329	197	5.4
1936 ...	35,905	30.9	29,934	25.8	2	0.0	906	0.8	146	0.1	5	0.0	71	0.1	292	0.2	91	0.1	1,332	1.2	1,993	1.7	1,475	1.3	10,601	9.2	8,946	249.1	4,340	17.8	2,429	184	4.8
1937 ...	35,455	30.5	30,768	26.5	...	0.0	688	0.6	211	0.2	4	0.0	68	0.1	344	0.3	73	0.1	1,298	1.1	2,037	1.7	1,662	1.4	11,241	9.7	8,688	245.0	5,740	18.7	2,340	165	4.4
1938 ...	36,748	31.6	35,999	31.0	...	0.0	1,862	1.6	269	0.2	1	0.0	40	0.1	507	0.4	103	0.1	1,065	0.9	2,078	1.8	1,862	1.6	13,584	11.7	9,801	267.0	7,111	19.7	2,565	186	4.7
1939 ...	37,822	32.6	30,520	26.3	...	0.0	201	0.2	102	0.2	...	0.0	58	0.0	249	0.2	171	0.1	761	0.6	2,034	1.7	1,551	1.3	10,772	9.3	8,008	211.7	4,575	15.0	2,726	169	4.2
1940 ...	38,833	33.4	29,100	25.0	...	0.0	834	0.7	243	0.2	6	0.0	42	0.0	399	0.3	98	0.1	732	0.6	1,934	1.7	1,270	1.1	9,441	8.1	7,823	201.4	4,763	16.4	2,652	166	4.0
1941 ...	39,954	26.8	31,096	20.9	...	...	1,293	0.8	199	0.1	7	0.0	44	0.0	554	0.4	88	0.5	668	0.4	1,692	1.7	1,374	0.9	10,186	6.8	8,445	211.4	5,052	16.2	2,654	152	3.6
1942 ...	31,536	21.2	25,177	16.9	...	0.0	591	0.4	186	0.1	...	0.0	28	0.0	375	0.2	109	0.1	400	0.3	1,581	1.0	1,132	0.8	7,698	5.2	6,164	195.4	3,825	15.2	2,009	122	3.6
1943 ...	44,015	29.5	34,165	22.9	2	0.0	519	0.3	303	0.2	9	0.0	53	0.0	567	0.4	154	0.1	797	0.5	1,950	1.3	1,744	1.2	11,139	7.5	8,690	197.4	6,164	18.2	3,129	143	3.0
1944 ...	56,907	38.2	41,882	28.1	...	0.0	1,391	0.9	734	0.5	...	0.0	37	0.0	459	0.3	160	0.1	859	0.6	2,006	1.3	1,735	1.2	13,990	9.4	11,552	203.0	7,484	17.8	3,374	194	3.4
Average of 1935-44	39,160	30.3	31,793	24.6	5	0.0	953	0.7	266	0.2	5	0.0	55	0.0	398	0.3	114	0.1	930	0.7	1,924	1.5	1,504	1.1	10,929	8.4	8,657	221.0	5,459	17.1	2 620	168	4.2
Average of 1940-44	42,249	29.7	32,284	22.7	5	0.0	926	0.6	333	0.2	4	0.0	41	0.0	471	0.3	122	0.1	691	0.4	1,834	1.3	1,451	1.0	10,490	7.4	8,535	202.1	5,458	16.9	2,763	155	3.7
1945 ...	53,170	35.7	40,215	27.0	8	0.0	235	0.15	160	0.1	30	0.2	32	0.2	616	0.4	96	0.06	1,008	0.7	1,981	1.3	1,701	1.2	13,771	8.6	10,125	190.3	7,418	18.4	3,398	133	2.5

Table No. 12.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1945.

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	March	April	May	June	July	August	Sep.	Oct.	Nov.	Dec.	Total.
		I.—Infective and Parasitic Diseases.													
		(1-26) Diseases due to bacteria—													
1	1	Typhoid Fever	63	56	58	40	61	55	47	68	70	44	31	23	616
B	3	Plague	...	...	1	...	...	...	1	...	1	2	...	...	8
H	4	Cholera	1	1	2	9	5	6	3	...	...	2	...	...	30
2	6	Cerebro-spinal Meningitis	11	16	8	10	14	8	8	1	4	7	6	8	111
4	9	Whooping Cough	2	...	1	2	...	1	1	...	...	...	1	3	12
5	10	Diphtheria	8	6	8	7	7	6	8	14	9	14	11	15	113
36	11	Erysipelas	1	...	...	...	...	1	...	...	...	...	...	...	2
36	12	Tetanus	22	12	20	19	14	14	11	21	10	20	23	30	216
		(13-22) Tuberculosis (all forms)—													
6	13	Tuberculosis of the Respiratory System	131	101	132	130	133	123	115	147	128	139	109	136	1524
	14	Tuberculosis of the Meninges and Central Nervous System	17	31	26	16	20	23	23	16	30	36	40	31	308
	15	Tuberculosis of the Intestines and Peritonium	9	8	7	8	6	9	4	9	10	6	2	6	84
	16	Tuberculosis of the Vertibral Column	1	4	5	2	5	1	1	1	2	2	1	4	28
	17	Tuberculosis of other bones and joints	3	...	2	2	...	1	1	...	1	1	...	2	13
7	18	Tuberculosis of the Skin and Subcutaneous Cellular Tissue	...	...	...	...	1	...	...	...	...	...	...	...	1
	19	Tuberculosis of the Lymphatic System	...	1	2	2	1	...	1	...	1	2	...	...	9
	20	Tuberculosis of the Genito Urinary System	1	...	...	...	1	1	...	...	...	...	...	...	3
	22	Disseminated Tuberculosis	2	1	1	...	3	...	...	...	1	1	3	...	11
K	23	Leprosy	4	3	11	5	8	3	3	3	9	1	10	3	63
36	24	Purulent Infection and Septicacemia	8	7	12	10	6	18	12	13	7	7	10	4	121
36	25	Gonococcal Infection	1	...	...	...	...	...	...	...	1	...	...	...	2
J	27	Dysentery	15	36	21	28	28	28	39	37	33	28	16	17	330
D	23(a)	Malaria	13	9	9	4	6	8	4	10	15	10	8	10	56
E	23(b)	Remittent Fever	61	63	71	90	83	8	88	71	85	97	103	110	1008
C	23(a)	Kala Azar	...	...	1	...	1	...	1	...	1	...	1	...	4
8	30	Syphilis	...	...	1	...	...	...	...	...	1	...	...	...	3
		(a) Locomotor Ataxia (Tabes dorsalis)	...	...	...	1	...	...	...	...	...	...	...	...	1
		(b) General Paralysis of the Insane	...	...	2	1	...	...	...	...	...	...	...	...	3
		(c) Aneurysm of Aorta	1	3	2	1	3	2	2	13	1	2	2	4	26
		(D) Other forms of Syphilis	...	...	...	1	...	...	...	...	...	...	1	1	3
		(a) Congenital Syphilis	3	...	1	1	1	1	...	1	2	1	...	3	13
		(b, c d.) Other or Unspecified Syphilis	...	...	1	1	...	...	...	...	...	3	1	...	6
36	32	Other Diseases due to Spiro Chaetes	...	...	...	...	...	...	...	...	1	...	1	...	2
9	33	Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) With respiratory complications	1	3	6	2	2	4	2	3	1	4	1	...	29
		(b) Without respiratory complications	...	...	...	...	...	1	...	...	...	...	...	...	3
A	34	Small-pox	7	4	18	27	25	33	15	17	9	13	12	54	235
10	35	Measles	2	9	21	32	21	19	12	4	4	5	12	19	160
11	36:1	Acute Poliomyelitis	3	...	1	...	...	1	1	...	...	...	...	...	6
12	37	Acute Infectious Encephalitis (Lethargic or Epidemic)	1	...	...	...	...	...	...	...	...	1	...	1	4
36	38	Other Diseases due to Viruses—													
		(c) Herpes Zoster	...	...	2	1	3	...	...	...	...	...	...	...	6
		(d) German Measles	...	1	...	...	...	...	...	...	...	...	...	...	1
		(e) Varicella (Chickenpox)	...	...	1	...	...	...	...	...	...	...	...	1	2
36	39	Typhus	1	...	...	...	...	...	...	...	...	1	1	...	3
36	40	Ankylostomiasis	...	...	...	...	...	...	...	1	...	1	...	...	2
36	42	Other diseases due to Helminths	1	...	1	2	...	...	2	...	1	...	1	1	9
36	43	Mycoses	...	...	...	...	...	...	...	...	...	1	...	...	1
36	44	Other Infective or Parasitic Diseases—													
1		(b) Pernicious lympho granulomatosis (Hodgkins diseases)	1	...	1	...	1	...	...	...	...	...	...	...	2
		(c) Mumps	...	...	...	...	...	...	...	...	...	...	...	1	1
		(d) Other diseases incl. ded under 44	...	...	...	...	...	...	...	...	...	...	...	1	1
		II.—Cancer and other Tumours.													
	45*	Cancer of the Buccal Cavity and Pharynx													
		(a) Lips Males	...	...	1	1	...	...	...	...	...	...	...	...	2
		Females	...	...	...	...	...	...	...	1	...	...	...	...	1
		(b) Tongue Males	1	...	...	2	...	...	...	...	1	1	1	...	6
		Females	...	...	...	...	...	...	...	...	...	...	...	...	...
13		(c) Other and Unspecified sites Males	...	1	...	1	1	1	2	1	...	...	...	2	9
		Females	...	...	...	...	...	...	...	...	...	...	1	1	2
	46	Cancer of the digestive organs and peritonium													
		*(a) Oesophagus Males	1	2	3	...	2	3	1	1	1	1	4	2	21
		Females	...	...	2	1	2	2	1	...	...	...	2	...	10
14		(b) Stomach and duodenum	5	2	3	4	3	3	1	5	1	3	3	4	37
		(c) Intestines other than duodenum or rectum	...	2	5	4	3	2	5	3	1	...	...	...	23
16		(d) Rectum	3	...	1	2	...	1	1	...	1	1	...	...	10

*Males are tabulated in short list No. 13 and females in No 16, of detailed list Nos. 45, 46a.

Table No. 12—(Contd.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1945—(*Contd.*)

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug	Sept.	Oct	Nov.	Dec.	Total
		II.—Cancer and other Tumours—(Contd.)													
		(e) Liver and biliary passages ...	3	2	...	...	...	...	...	...	...	...	3	3	11
		(f) Pancreas ...	...	...	...	1	2	...	...	...	1	...	2	...	6
16		(g) Peritonium ...	...	...	...	...	...	2	...	...	1	...	...	...	3
		(h) Other or Unspecified digestive organs ...	...	...	...	...	...	...	...	..	1	...	...	...	1
16	47	Cancer of the respiratory system													
		(a) Larynx and trachar ...	1	...	3	3	...	3	2	1	1	...	2	1	17
		(b) Bronchi, lung and pleural ...	5	1	1	2	1	1	...	2	2	2	2	1	20
		(c) Unspecified respiratory organs ...	...	1	...	...	...	1	...	2	1	...	...	...	5
13	48	Cancer of the Uterus ...	...	...	...	...	1	...	...	1	...	...	1	...	3
		(a) Cervix Uteri ...	1	...	3	...	1	...	...	...	...	1	1	3	10
		(b) Other Unspecified sites ...	...	1	...	...	...	1	...	...	...	1	...	...	3
16	49	Cancer of other female genital organs ...	...	1	1	1	3	1	1	1	2	...	...	...	11
15	50	Cancer of the breast ...	2	1	2	1	...	2	3	4	...	2	3	3	23
	51	Cancer of the male genital organs ...													
		(b) Prostate ...	...	...	1	1	...	1	...	1.	...	...	...	1	5
		(c) Other or unspecified male genital organs ...	...	...	...	...	...	...	...	...	...	...	...	1	1
	52	Cancer of the male and female urinary organs	2	...	1	1	1	2	...	...	...	...	3	1	11
	53	Cancer of the Skin (Scrotum excepted) ...	...	1	...	...	...	...	1	...	...	...	...	1	3
16	54	Cancer of the brain and other parts of Nervous system ...	...	...	...	...	...	...	1	1	2	...	1	2	7
		(c) Other or Unspecified forms included under 54 ...	...	...	1	...	...	...	...	...	...	...	1	...	2
	55	Cancer of other or Unspecified organs ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(b) Bones ...	...	...	1	...	1	...	...	...	...	...	...	...	2
		(c) Thyroid gland ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		(d) Others included under 55 ...	3	3	2	3	3	5	4	5	8	2	8	9	55
		Tumours:—													
	56	Non-malignant Tumours ...	...	1	...	2	1	2	...	...	...	...	...	1	7
		(a) Ovaries ...	1	...	1	...	...	...	...	...	...	...	...	...	2
		(e) Other and Unspecified organs ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	57	Tumours of Undetermined Nature ...	...	...	1	...	...	...	1	3	...	...	...	...	5
36		(d) Brain and other parts of Nervous system ...	...	...	...	...	1	...	...	...	1	...	...	...	2
		III.—Rheumatism, Diseases of Nutrition and of the Endocrine Glands and other General Diseases.													
	58	Rheumatic fever ...	4	3	2	4	...	2	2	...	5	2	3	1	28
	59-1	Rheumatoid Arthritis ...	1	1	1	1	1	...	1	...	...	...	1	1	8
	59-2	Other Chronic articular Rheumatism ...	...	1	...	1	...	1	...	2	...	...	...	2	7
	60	Gout ...	...	...	...	1	...	...	...	...	...	...	...	...	1
17	61	Diabetis Mellitus ...	12	7	8	7	8	12	9	6	9	5	4	4	91
	63	Diseases of the Thyroid and parathyroid glands ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) Simple Goitre ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		(c) Myxoedema Cretinism ...	...	...	...	...	...	...	...	1	1	1	...	...	3
		(d) Other diseases of thyroid glands ...	...	...	...	...	...	1	...	...	...	1	...	...	2
		(e) Diseases of the parathyroid glands ...	...	...	...	...	...	...	...	1	...	...	...	...	1
	65	Diseases of the adrenal glands (not specified as Tuberculous) ...	1	...	...	1	...	...	2	...	...	...	...	...	4
	66	Other General diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) Osteomalacia ...	...	1	...	...	1	...	...	2	...	...	...	...	3
		(b) Other Diseases included under 66 ...	...	2	1	...	...	...	5	...	...	1	...	...	9
		(1) Pink Disease ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		(2) Idiopathic Steatorrhoea (Sprue etc.) ...	2	...	1	4	...	1	4	1	...	...	...	...	13
		(c) Other diseases included under 66(b) ...	1	...	...	...	...	...	...	7	4	4	1	1	18
	68	Beri-Beri ...	2	...	...	1	...	1	...	...	...	...	1	...	5
	69	Pellagra ...	...	...	...	...	...	...	1	...	1	...	...	1	3
	70	Rickets ...	135	111	137	175	113	178	192	193	173	145	127	132	1,811
	71	Other Vitamin Deficiency Diseases ...	...	2	...	...	...	...	...	...	...	...	...	...	2
		IV.—Diseases of the blood and blood forming Organs.													
36	72	Haemorrhagic Conditions ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		(a) Primary Purpura ...	1	...	1	...	...	...	...	1	...	...	...	...	3
		(b) Haemophatia ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	73	Anaemia ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) Pernicious anaemia ...	...	1	...	...	...	1	...	1	...	3	1	...	7
		(b. c. d.) Other anaemias and chlorosis ...	279	238	260	236	297	258	277	252	293	270	279	272	3,211
	74(a)	Leukaemia ...	...	...	...	4	...	3	2	...	...	...	...	1	10
	75	Diseases of the Spleen ...	...	...	...	1	...	...	...	...	1	...	1	1	4
	76	Other diseases of the Blood and Blood forming organs ...	1	...	...	1	...	...	...	...	...	...	...	1	3
		V.—Chronic Poisoning and Intoxication.													
	77	Alcholism (Acute or Chronic) ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(b) Chronic Alcholism ...	...	...	...	...	1	...	...	...	...	...	...	...	1
	78	Lead Poisoning ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(b) Not specified as occupational ...	2	1	1	...	1	...	...	...	...	1	...	...	6

Table No. 12—(Contd.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1945—(*Contd.*)

Classification No. Short List.	Classification No. Detailed List	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Total.
		V. Chronic Poisoning and Intoxication—contd.													
	79	Chornic poisoning by other mineral and organic substances ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		(*b*) Poisoning by narcotic and Soporific drug	...	...	...	...	...	...	1	...	...	...	...	...	1
		(*c*) Other non-occupational chronic poisoning	...	1	...	...	...	...	...	...	1	...	...	...	2
		(*d*) Unspecified poisoning ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		VI.—Diseases of the nervous system and sense organs.													
36	80	Encephalitis (non-epidemic)—													
		(*a*) Intra Cranial abscess ...	...	...	...	...	...	1	2	1	2	...	1	1	8
		(*b*) Other diseases included under 80 ...	6	6	4	11	10	10	4	12	5	7	16	13	104
	81	Meningitis (non-menigococcal) ...	12	14	19	18	19	10	13	9	7	8	11	12	152
	82	Diseases of Medulla and Spinal cord ...	1	...	3	1	...	...	1	...	1	2	1	...	10
18	83	Intracranial Lesions of Vascular origin—	1	...	1	...	2	...	2	...	...	...	...	...	6
		(*a*) Cerebral Haemorrhage ...	3	4	8	3	11	9	14	12	6	8	6	5	89
		(*b*) Cerebral Embolism and Thrombosis ...	10	15	5	...	3	2	4	5	2	...	14	5	65
		(*c*) Softening of Brain ...	...	...	...	...	...	1	...	...	...	9	...	...	10
		(*d*) Hemiplegia and other paralysis of unstated origin ...	20	8	12	17	18	6	15	21	15	11	17	20	180
		(*e*) Other Intra-Cranial effusions	1	...	...	...	...	...	1	...	1	...	...	...	3
	84	Mental Disorder and Deficiency ...	...	...	...	...	1	...	...	...	...	...	...	...	...
		(*a*) Mental deficiency ...	...	...	...	...	...	...	...	...	...	...	...	...	1
		(*c*) Manic-depressive Psychosis ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		(*d*) Other mental disorders iucluded under 84 ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		(*b*) Confusional Psychosis Acute delirium ...	...	...	...	1	...	...	...	...	...	...	...	...	1
		(7) Other or Unspecified conditions included under (84)*d*. ...	...	1	...	...	...	...	...	...	...	...	...	1	2
	85	Epilepsy ...	1	...	5	3	2	...	...	2	1	2	2	1	19
	86	Convulsions in children under 5 years of age	65	60	56	57	81	66	84	68	43	57	57	54	768
	87	Other Diseases of the Nervous System—													
36		(*b*) Neuritis (non-Rheumatic) ...	1	1	...	1	...	...	...	...	...	1	...	...	4
		(*c*) Paralysis agitans ...	...	...	...	...	2	...	1	1	...	...	...	...	4
		(*d*) Dessem nated Sclercsis ...	1	...	...	1	...	...	...	...	...	...	...	...	2
		(*e*) Other Diseases includ d under 87 ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		(1) Convulsions of undetermined origin (age 5 and over) ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		(2) Other diseases included under 87(*e*) ...	1	1	...	...	1	1	...	...	...	...	...	...	4
	89	Diseases of the Ear and of the Mastoid Antrum—													
		(*b*) Diseases of the Mastoid Antrum ...	...	...	...	...	1	...	1	...	2	...	1	...	5
		VII.—Diseases of the Circulatory System.													
	90	Pericarditis ...	...	2	3	3	1	1	...	2	1	1	1	4	19
	91	Acute Endocarditis ...	...	1	2	1	2	1	...	...	10	2	2	2	23
	92abc	Chronic Affections of the valves and endocardium ...	6	3	12	2	5	4	3	8	2	4	2	4	55
	93b	Chronic Myocarditis specified as Rheumatic	...	1	...	...	1	...	...	...	...	...	...	...	2
	93c	(1) Cardio vascular degeneration ...	...	1	3	...	7	2	...	...	...	...	1	2	16
		(2) Myocardial degeneration described as Fatty ...	...	...	1	2	...	...	...	...	...	...	...	...	3
		(3) Other Myocardial degeneration ...	7	6	8	6	6	2	1	3	3	2	10	4	58
19	93d	Myocarditis (not distinginshed as acute or chronic) ...	1	1	1	2	...	...	...	...	1	1	...	1	8
	94	Diseases of the Coronary Arteries, Angina Pectoris ...	33	27	26	18	23	27	16	24	21	19	18	21	273
	95	Other Diseases of the Heart—	...	...	1	...	...	...	1	...	...	...	...	...	2
		(*a*) Functional heart disease (without mention of organic lesion) ...	...	...	...	1	...	2	1	2	1	2	1	1	11
		(*b*) Heart Disease specified as Rheumatic but otherwise ill defined ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		(*c*) Other diseases included under 95 ...	6	6	8	9	8	2	...	3	6	5	2	14	69
	96	Aneurysm (except of Heart and Aorta)	...	...	...	...	...	...	...	...	...	...	...	1	1
	97	Arterio Sclerosis (excluding Coronary or Renal Sclerosis or Cerebral Haemorrhage)	...	...	...	...	...	2	2	4	1	...	...	...	9
	98	Gangrene ...	7	2	...	2	3	4	2	5	4	3	5	3	40
	99	Other Diseases of the arteries ...	...	...	2	1	...	...	1	1	...	3	...	...	8
20	100	Diseases of the Veins—													
		(*a*) Varices ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		(*b*) Other diseases of the Veins ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	101	Diseases of the Lymphatic system ...	...	2	...	1	...	...	...	...	...	...	...	...	3
	102	High Blood Pressure (Idiopathic) ...	11	4	5	7	4	3	2	1	5	8	3	2	55
	103	Other Diseases of the Circulatory system ...	3	1	3	2	2	1	2	6	3	1	1	3	28
		VIII.—Diseases of the Respiratory System.													
23	104	Diseases of the Nasal Fossae and Annexa ...	...	...	...	...	...	1	...	...	...	...	1	...	2
	105	Diseases of the Larynx ...	1	1	...	1	...	3	...	...	...	1	...	...	7
	106A	Acute Bronchitis ...	...	2	3	3	4	7	5	1	1	3	1	1	31
21	106B	Chronic Bronchitis ...	60	23	50	53	35	43	53	51	49	43	55	69	584
	106C	Bronchitis (not distinguished as acute or chronic) ...	4	3	11	4	4	5	1	5	5	8	13	7	70
	107	Broncho Pneumonia ...	460	462	607	579	751	661	697	815	603	537	539	516	7222
22	108	Lobar Pneumonia ...	29	24	28	19	15	18	10	12	18	9	13	18	213
	109	Pneumonia (Unspecified) ...	387	304	392	406	366	347	331	306	301	329	281	311	4061

Table No. 12—(Contd.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1945—(*Contd.*)

Classification No. Short List.	Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		VIII.—Diseases of the Respiratory System—(Contd.)													
	110A	Empyema	3	3	1	5	2	5	3	3	2	...	1	2	32
	110B	Other or Unspecified forms of Pleurisy	4	2	5	6	11	6	8	...	3	3	3	6	57
	111	Congestion Oedema Haemorrhagic infection and Thrombosis of Lungs	16	12	16	21	15	10	14	11	11	12	5	8	151
	112	Asthma	138	135	119	100	137	92	89	96	108	78	83	99	1,264
	113	Pulmonary Emphysema	2	1	...	...	1	1	1	2	...	...	...	...	8
	11 A	Silicosis and other occupational Pneumoconioses	...	...	...	...	...	...	...	...	...	...	...	...	...
	114B														
23	114C	Other occupational Respiratory Diseases	...	1	...	...	...	...	...	...	...	...	...	...	1
	11 D	Gangrene of Lung	...	3	1	1	2	...	1	1	...	3	1	2	15
	114E	Abscess of Lung	6	...	1	2	1	3	4	6	3	1	2	3	32
		Other Diseases included under 114 not specified as occupational						...							
		(1) Chronic interstitial Pneumonia not indicated as occupational	...	...	...	...	...	...	...	...	2	...	...	...	2
		(2) Other Diseases included under 114(F)	1	...	...	2	2	3	...	1	1	2	1	...	13
		IX.—Diseases of the Digestive System.													
	115a	Diseases of the teeth and gums	...	...	1	...	...	1	...	...	...	...	...	..	2
	115b	Sent core throat—	...	...	...	1	...	...	...	...	...	...	...	...	1
		(1) With mention of tonsillectomy	...	...	...	...	1	...	...	...	...	1	1	...	3
		(2) Others with mention of tonsils	...	...	...	...	...	...	...	...	...	...	...	...	
		(3) Other Diseases included under 115(c)													
27	115c	Other Diseases of the Pharynx and tonsils	...	...	1	...	...	...	1	1	...	...	...	...	2
		(1) With mention of tonsillectomy	...	...	1	1	1	...	1	...	...	...	...	1	5
		(2) Others with mention of tonsils	...	2	2	...	...	...	...	...	...	...	...	...	4
		(3) Other Diseases included under 115(c)	...	...	...	1	...	...	...	...	...	...	...	...	...
	115d	Other diseases included under 115	1	...	...	1	...	1	...	...	...	...	...	...	2
	116	Diseases of the Oesophagus	...	2	...	...	...	...	...	...	...	...	...	...	3
24	117	Ulcer of the stomach or duodenum—													
		(a) Ulcer of the stomach	5	5	4	5	1	2	...	3	2	3	1	...	31
		(b) Ulcer of the duodenum	1	...	...	1	...	...	3	1	...	1	...	1	7
27	118	Other diseases of the stomach	5	3	...	2	3	4	7	2	1	1	4	...	32
25	119-120	Enteritis and Diarrhoea	91	83	91	114	115	114	183	185	131	75	76	83	1,371
26	121	Appendicitis	...	2	3	2	2	2	...	3	6	2	1	3	28
	122a	Hernia	...	1	3	1	3	2	4	3	1	1	2	1	22
	122b	Intestinal Obstruction	4	4	7	15	13	10	3	6	10	10	24	17	123
		(1) Intussusception	3	...	1	1	1	...	...	...	...	...	...	...	6
		(2) Paralytic ileus without stated cause	...	...	3	...	1	...	...	...	...	...	...	...	4
		(3) Other or Unspecified forms of Intestinal obstruction	...	...	...	...	...	2	...	...	...	5	...	...	7
	123	Other Diseases of the intestines	3	...	3	2	...	...	1	2	...	2	...	2	15
	124	Cirrhosis of Liver	24	21	15	16	20	14	12	20	18	14	20	11	206
27	125A	Acute yellow atrophy (not associated with pregnancy)	1	...	...	1	...	...	1	...	...	2	...	...	5
	125B	Other Diseases of the Liver	10	7	13	12	11	7	7	14	18	17	12	13	141
	126	Biliary Calculi	...	...	...	1	1	...	1	1	...	...	1	...	5
	127	Other Diseases of the Gall Bladder and Bile Ducts	2	3	...	2	2	...	...	...	1	1	3	14	
	128	Diseases of the Pancreas (other than diabetes)	...	...	...	...	...	...	...	...	1	...	1	1	3
	129	Peritonitis without stated cause	7	10	10	4	6	9	5	9	4	5	2	3	74
		X.—Diseases of the Urinary and Genital System.													
		(Not Venereal or connected with Pregnancy or the Puerperium)													
	130	Acute Nephritis	2	3	6	4	2	2	9	4	1	...	2	6	39
28	131	Chronic Nephritis	2	2	2	...	1	4	5	2	...	1	...	...	19
	132	Nephritis not stated to be Acute or Chronic	27	23	15	21	11	14	8	15	22	14	11	23	204
	133	Other Diseases of the Kidney and Ureters	...	...	4	2	4	...	4	4	4	3	4	4	33
	134	Calculi of the Urinary Passages	...	...	...	1	...	...	1	...	...	...	...	1	3
	135A	Cystitis	1	1	...	...	...	...	2	1	...	1	...	...	5
	135B	Other Diseases of the Bladder	...	...	1	...	...	...	1	...	1	...	1	...	4
	136A	Stricture Urethra	...	...	...	...	...	...	...	...	1	...	1	...	2
36	136B	Other Diseases of the Urethra, etc.	1	1	...	...	...	...	...	4	...	1	...	...	7
	137	Diseases of the Prostate	1	...	...	1	...	2	2	1	1	...	1	1	10
	138	Diseases of other male genital organs	...	...	...	1	...	...	...	...	1	...	...	1	3
	139	Diseases of female genital organs—	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) Diseases of the ovary, fallopian tube and Parametria	...	...	1	...	2	1	...	1	...	1	...	...	5
		(b) Diseases of Uterus	...	...	...	...	...	...	...	1	...	...	...	...	2
		(c) Diseases of the breast	...	...	...	...	...	...	...	...	...	...	...	...	...
		(d) other Diseases of the female genital organs	1	...	...	...	...	...	...	...	...	...	...	...	1
		XI.—Diseases of Pregnancy, Child-Birth and the Puerperal State.													
29	140	Post-abortive Sepsis	1	...	...	...	...	...	...	...	...	1	1	...	2
	141	Abortion without mention of septic conditions	1	...	...	...	...	...	...	...	...	2	...	...	3
	142	Ectopic Gestation	...	...	...	1	...	...	1	...	...	...	...	...	1
30	143	Haemorrhage of Pregnancy	1	...	1	1	1	...	...	1	...	1	1	1	7
	144	Toxaemia of Pregnancy	2	2	3	...	3	3	4	2	1	2	2	4	28
	145	Other Diseases and Accidents of Pregnancy	...	...	2	...	...	...	...	...	...	...	...	1	3

Table No. 12—(Contd.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1945—(*Contd.*)

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
		XI.—Diseases of Pregnancy, child-birth and the Puerperal State.—Contd.													
30	146	Haemorrhage of child-birth and Puerperium—	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Placenta Praevia (with child-birth) ...	1	1	...	...	...	...	1	...	...	...	...	...	3
		(*c*) Other Haemorrhages of child birth ...	1	...	...	...	...	...	...	...	...	...	...	...	1
		(*d*) Other Haemorrhages after child birth	2	3	2	1	8	2	1	1	5	4	3	4	36
29	147	Infection during child birth and the Puerperium ...	1	...	1	3	...	...	2	...	6	1	4	2	20
30	148	Puerperal Toxaemia—	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Puerperal eclampsia ...	...	1	...	...	...	1	...	...	...	...	2	...	4
		(*b*) Puerperal Albuminnria and Nephritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*c*) Acute yellow atrophy of liver (Post-Partum) ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	149	Other accidents of child birth ...	1	1	2	2	3	1	5	2	1	1	2	2	23
	150	Other or Unspecified conditions of child birth and Puerperal state ...	...	...	...	...	1	...	1	...	...	...	...	...	2
		XII.—Diseases of the Skin and Cellular Tissue													
	151	Carbuncle, Boils ...	...	1	...	...	3	1	...	...	...	1	...	...	6
	152	Cellulitis, Acute Abscess ...	1	5	2	5	7	3	3	5	1	1	2	3	38
	153	Other Diseases of the Skin and Cellular Tissues ...	5	1	1	...	2	1	2	2	...	2	2	2	20
36		*XIII.—Diseases of the Bones and Organs of Movements*													
	154	Ostemyelitis and Periostitis ...	...	...	1	...	1	1	2	1	...	1	1	...	8
	155	Other diseases of the bones ...	...	...	...	...	1	...	...	...	...	...	...	1	2
	156	Diseases of the joints and other organs of movements ...	1	...	1	1	...	1	...	...	...	...	1	...	5
		XIV.—Congenital Malformation													
32	157	Congenital Malformations ...	5	1	5	4	1	1	4	3	3	6	2	2	37
		XV.—Diseases peculiar to the First Year of Life													
32	158	Congenital Debility ...	237	193	195	209	217	216	256	303	284	270	221	278	2,879
31	159	Premature Birth ...	108	89	61	85	104	91	105	154	133	101	123	123	1,273
	160	Injury at Birth ...	2	1	3	3	2	2	4	4	6	5	2	2	36
	161	Other diseases peculiar to the first year of life—	...	...	1	...	...	1	...	...	...	1	...	...	3
		(*a*) Asphyxia during or after birth, Atelectasis.	9	4	6	3	8	5	10	11	7	12	3	1	79
32		(*b*) Intoxication due to maternal toxaemia, Antenatal toxaemia.	...	1	...	...	...	...	...	...	...	...	...	...	1
		(*c*) Infections of the New born ...	6	2	6	5	6	7	2	1	...	2	5	4	46
		(1) Infections of the Umbilicus ...	...	1	1	2	...	...	...	...	...	...	...	...	4
		(2) Pemphygus neonatorum ...	...	1	...	...	...	...	...	...	...	...	...	1	2
		(3) Other specified diseases included under 161 (*c*). ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*d*) Other specified diseases included under 161 ...	8	1	19	...	11	4	26	2	2	3	18	15	109
		XVI—Senility, Old age													
	162A	Old age ...	5	4	27	196	62	34	40	25	9	10	9	14	435
1	162B	Senility with mention of senile dementia...	...	...	...	...	...	...	...	...	...	...	...	...	...
	162C	Senility without mention of senile dementia...	338	289	260	60	205	226	235	268	291	290	292	297	3,051
		XVII.—Deaths from Violence Suicide (163-164)													
	163	Suicide by Poisoning ...	...	...	...	1	1	...	...	...	...	...	...	...	2
		(*a*) Suicide by solid or liquid toxic or corrosive substances.	1	...	1	1	...	...	...	...	...	1	...	1	5
		(1) By Corrosive substances ...	...	1	...	1	...	...	...	...	1	2	...	...	5
		(2) By analgesic and narcotic drugs ...	...	1	...	...	...	...	2	...	...	1	...	1	5
		(3) By Soporific drugs ...	...	...	...	...	...	...	...	...	...	...	2	...	2
33	164	(4) By other solid or liquid poisons ...	...	...	...	...	1	...	...	2	...	1	3	...	7
		Other forms of suicide—	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Suicide by hanging or strangulation ...	...	1	1	2	...	1	2	2	...	...	...	...	9
		(*b*) Suicide by drowning ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		(*c*) Suicide by fire arms and explosives ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		(*d*) Suicide by cutting or piercing instruments.	3	...	...	1	...	1	...	...	2	...	...	...	7
		(*e*) Suicide by Jumping from high places..	1	...	...	...	...	...	...	...	...	...	1	...	2
		(*f*) Suicide by crushing ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		(1) Suicide on railways ...	1	...	...	...	...	1	...	...	...	...	2	1	5
		(2) Other suicide by crushing, suicide by jumping before vehicles other than trains ...	...	...	...	...	...	...	...	...	...	1	1	...	2
		(*g*) Suicide by other or Unspecified means.	...	...	2	...	1	...	...	...	1	1	...	1	6
		Homicide (165-168)													
	165	Infanticide (Infants under 1 year) ...	...	...	...	...	...	...	...	...	...	1	...	1	2
	166	Homicide by Firearms ...	...	...	...	...	...	...	...	...	...	1	...	...	1
35	167	Homicide by cutting or piercing instruments.	4	8	3	8	7	6	6	2	27	20	8	10	109
	168	Homicide by other or Unspecified means ...	...	1	...	...	4	...	1	1	...	2	1	...	10

Table No. 12—(Contd.)

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1945—(*Contd.*)

Classification No. Short List	Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
		Homicide													
		Accidental Death (or death not known to be due to suicide or Homicide (159-19) and other violent deaths (196-198). ...	1	...	...	2	...	...	...	...	1	...	...	...	4
	169	Railway accidents (any cause of death except war) ...	10	5	7	9	9	11	9	15	12	23	19	15	144
34	170	Motor Vehicle Accidents (any cause of death except war.) ...	...	1	10	14	19	4	4	...	...	...	...	...	52
		(a) Collisions with trains ...	...	2	1	...	...	...	...	...	...	...	...	...	3
		(c) Other accidents included under 170 ...	4	3	3	...	2	4	4	13	5	5	19	9	71
	171	Other Road Transport Accidents (any cause of death except war). ...	7	6	2	...	...	3	...	...	...	...	...	...	18
		(a) Tramway accidents on roads ...	...	2	4	3	...	2	2	3	2	...	4	1	23
		(b) Other accidents included under 171 ...	1	4	...	...	1	1	2	7	...	...	3	2	21
	172	Water Transport accident (any cause of death except war) ...	1	...	...	...	1	...	...	...	...	...	...	...	2
	174	Accidents in mines and quarries (any cause of death except war.) ...	...	1	...	...	...	...	...	...	...	...	...	...	1
		Agricultural and forestry Accidents any cause of death.													
	175	(c) Other Accidents included under 175 ...	...	...	...	1	...	...	...	...	...	...	...	...	1
	176	Accidents caused by Machinery (any cause of death). ...	...	1	...	...	...	1	...	...	...	...	...	...	2
	177	Food poisoning ...	1	...	...	...	...	...	...	...	...	...	...	...	1
	178	Accidental Absorption of Poisonous gas— ...	...	...	...	...	1	...	...	...	...	...	...	...	1
	179	Other acute Accidental poisoning (not by gas) ...	...	...	...	...		...		...	1	...	...	...	1
		(b) Other acute accidental poisoning not by gas included in 179. ...	...	1	...	...	...	...	...	2	...	...	...	...	3
	181	Accidental Burns (conflagration excepted) ...	21	22	22	18	10	10	9	17	15	9	18	13	184
35	182	Accidental Mechanical Suffocation ...	...	1	1	1	...	...	1	1	1	1	...	1	8
	183	Accidental drowning ...	3	1	8	5	5	4	6	3	6	6	10	11	68
	184	Accidental Injury by Firearms ...	...	...	6	2	...	...	...	1	2	...	...	1	12
	185	Accidental Injury by cutting or piercing instruments ...	...	...	1	...	...	...	...	...	...	...	...	...	1
	186	Accidental Injury by fall, crushing, land slides, etc. ...	17	13	6	19	12	21	8	15	7	10	7	17	152
	189	Hunger or Thirst ...	1	...	...	...	...	...	...	...	...	2	1	...	4
	191	Excessive Heat ...	...	...	...	1	...	...	...	1	...	...	...	...	2
	193	Other Accidents due to Electric Currents ...	1	...	1	...	...	...	3	2	2	3	...	2	14
	194	Attack by Venomous Animals— ...	...	...	...	...	1	1	...	...	...	...	...	...	2
		(a) Hydrophobia ...	1	1	...	2	...	1	3	1	...	2	1	...	12
		(b) Snake Bites ...	...	...	...	...	...	...	...	1	1	1	...	...	3
	195	Other Accidents—													
		(b) Other accidents due to medical or Surgical intervention ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		(2) Other accidents included under 195 (b) ...	...	...	...	...	1	...	3	...	...	...	...	...	4
		(c) Lack of care of the New born ...	2	...	...	...	...	...	...	...	...	...	...	...	2
		(d) Other and Unspecified accidents under 195.	9	22	13	11	16	9	20	28	12	13	16	16	185
	196	Deaths of persons in Military Service during operations of war— ...	...	...	1	...	...	...	...	...	...	...	...	...	1
36		*XVIII.—Ill-Defined causes of Deaths.*													
	199	Sudden Death ...	...	...	2	...	...	...	...	...	...	1	1	...	4
	200	Causes of Death unstated or Ill-defined ...	...	...	1	...	...	...	...	...	...	...	...	...	1
		(a) Ill-defined Causes— ...	...	...	...	...	...	...	...	...	...	4	...	...	4
		(1) Heart failure ...	74	51	65	76	93	34	39	61	69	47	64	58	731
		(2) Fever not defined ...	30	23	33	22	36	25	24	24	24	13	28	21	318
		(3) Other ill-defined causes ...	42	53	49	34	48	56	49	45	51	50	42	48	567
		(b) Found, dead, Cause unknown ...	...	...	1	...	...	1	2	...	...	...	...	...	4
		(c) Other deaths from Unknown or Unspecified cause ...	4	2	1	2	1	7	9	3	5	9	5	6	54
		Total ...	3,347	2,906	3,341	3,314	3,614	3,302	3,491	3,773	3,422	3,220	3,147	3,335	40,215

Table No. 13.

DEATHS AMONG INFANTS BY CAUSES, MONTHS AND AGES IN 1945.

Cause of Deaths.	Total.	Months.												Ages.			
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Under 1 week.	1 to 4 weeks.	4 weeks to 6 months.	6 to 12 months.
38a Malaria ...	3	...	1	...	...	...	...	...	...	...	2	...	...	...	1	1	1
38b Acute and Remitten Fever ...	31	1	1	1	1	2	2	4	2	3	2	6	6	...	1	12	18
6 Small-pox ...	34	3	1	3	2	5	3	2	2	1	2	2	8	...	...	13	21
7 Measles ...	49	1	3	9	8	7	7	5	...	2	...	2	5	...	2	16	31
8 Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Whooping Cough ...	7	...	...	1	1	...	1	1	1	...	...	1	1	...	1	3	3
10 Diphtheria ...	35	...	2	3	1	4	1	2	6	5	9	1	1	...	...	6	29
11 Influenza ...	5	...	...	...	1	...	2	1	1	...	...	...	...	...	...	1	4
12 Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Dysentery ...	49	1	5	1	6	7	2	11	3	3	5	1	4	...	4	8	37
14 Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Cerebro-SpinalFever	6	1	...	...	...	...	...	1	...	...	...	1	3	...	...	3	3
23 Tuberculosis of Respiratory system ...	18	1	...	3	4	1	...	2	3	...	...	4	...	...	...	3	15
24-32 Other Tuberculosis Diseases ...	55	5	4	4	2	4	3	4	5	11	2	4	7	...	...	9	46
34 Syphilis ...	14	1	...	1	2	1	1	...	1	1	3	1	2	2	3	8	1
63 Rickets ...	203	18	8	19	20	18	9	23	21	14	15	18	20	...	...	43	160
86a Convulsions ...	522	48	49	42	33	40	38	60	53	36	36	45	42	112	73	200	137
106 Bronchitis ...	43	3	1	2	5	1	12	2	8	1	2	2	4	3	5	12	23
107-109 Pneumonia (all forms) ...	3,561	231	227	289	308	368	341	354	383	273	256	262	269	29	95	1,313	2,124
104, 105, 110-114 Oth. Respiratory Diseases	30	4	...	5	2	2	4	3	2	2	1	2	3	4	3	13	10
118-1 Gastritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
119-120 Diarrhoea & E. c Enteritis ...	503	24	24	34	42	38	44	75	74	44	29	33	48	21	87	195	206
157 Congenital Malformation, Injury at Birth ...	3,195	267	205	226	225	245	235	302	324	308	301	251	305	1,064	1,103	803	225
159 Premature-Birth ...	1,273	108	85	61	85	104	91	105	154	133	101	123	123	1,066	196	10	1
161a Atelectasis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200-2b Suffocation Over-Lying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200-2a G Fever not defined	62	5	1	8	2	10	4	4	2	7	2	8	9	7	17	24	14
Other Causes ...	421	22	14	24	37	50	55	40	51	25	35	31	37	75	57	135	154
Total ...	10,125	744	631	736	788	907	855	1,001	1,096	869	803	793	897	2,383	1,648	2,831	3,263

Table No. 14.

TABLE SHOWING BY RACE THE RATE OF MORTALITY PER 1,000 OF POPULATION FROM DIFFERENT CAUSES OF DEATHS IN 1945.

Race and Caste.	Small-pox.	Measles.	Plague	Scarlet fever.	Kala-Azar.	Enteric fever.	Malaria.	Ague and Remittent fever.	Relapsing fever.	Influenza.	Cholera.	Diarrhoea and Enteritis.	Dysentery.	Tuberculosis.	Respiratory diseases.	Accidents.	All other causes.	Total
Hindus (scheduled class)	0·17	0·3	0·0	...	...	0·17	0·1	1·82	...	...	0·0	1·89	0·46	·93	3·4	0·7	49·77	59·76
Hindus of all other Castes	0·17	0·11	0·0	...	0·0	0·44	0·06	0·58	...	0·0	0·0	0·75	0·18	1·19	1·31	0·76	19·05	24·7
Hindus all Castes	0·17	0·13	0·0	...	0·0	0·41	0·1	0·72	...	0·0	0·0	0·89	0·21	1·16	1·55	0·75	22·6	28·75
Mussalmans	0·11	0·0	0 0	...	0·0	0·25	0·0	0·81	...	0·0	0·0	0·75	0·21	1·66	2·0	0·97	18·66	25·6
Parsees	0·0	...	...	...	...	0·21	0·0	0·1	...	0·1	...	0·73	0·18	0·55	0·58	0·61	12·27	15·38
Jews	...	...	...	...	...	0·38	0·1	0·67	...	...	...	1·05	0·28	1·34	0·67	0·28	12·8	17·61
Christians	0·26	0·1	0·0	...	...	1·16	0·11	0·3	...	0 0	...	2·22	0·34	3·31	0·98	0·69	17·44	26·98
Anglo-Indians	...	...	...	...	...	0·34	...	0·34	...	...	...	1·25	0·34	1·59	0·45	0·45	5·91	10·68
Europeans	0·15	...	...	...	...	0·23	0·23	0·1	...	...	...	0·23	0·23	0·61	0·38	3·15	8·84	14·15
Budhists	...	...	...	...	...	1·1	...	1·1	...	...	...	3·28	...	14·25	2·19	2·19	38·37	6·25
Other and unknown Castes	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	0·6J	1·54	2·32
Total	0·15	0·1	0·0	...	0·0	0·41	0·1	0·67	...	0·0	0·0	0·93	0·22	1·32	1·52	0·79	20·73	27·0

Table No. 13.

TABLE OF DEATHS BY AGES, SEXES AND CAUSES IN 1945.

No. in Short List.	Corresponding No. in detailed List.	Causes of deaths.	wit in 24 Hours.		1 to 7 Days.		1 to 4 weeks.		4 weeks to 3 months.		3 to 6 months.		6 to 12 months.		1 to 2 years.		2 to 5 years.		5 to 10 years.	
			Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	1-2	Typhoid and Para Typhoid Fever	...	...	...	...	...	...	...	...	...	...	1	1	1	...	5	1	19	6
2	6	Cerebro Spinal Fever	...	...	...	...	...	...	...	...	2	1	1	2	1	...	3	3	2	3
3	8	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	9	Whooping Cough	...	...	...	...	1	...	2	...	1	...	2	1	1	2	1	1	...	...
5	10	Diphtheria	...	...	...	...	...	...	1	...	5	...	20	9	27	16	16	6	2	6
6	13	Tuberculosis of Respiratory System	...	...	...	...	...	...	...	...	1	2	9	6	10	10	9	7	12	12
7	14-22	Other forms of Tuberculosis	...	...	...	...	...	...	1	...	6	2	24	22	36	38	46	35	23	20
8	30	Syphilitic disease	2	...	...	...	1	2	4	1	1	2	...	1	...	...	...	...	...	...
9	33	Influenza	...	...	...	...	...	...	1	...	...	...	4	...	1	...	3	1	...	1
10	35	Measles	...	...	...	...	...	2	1	1	6	8	12	19	19	29	22	18	9	2
11	36	Acute Poliomyelitis and Polioencephalitis	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...
12	37	Acute infectious encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13M	45-46A	Cancer of buccal cavity and Oesophagus (Males.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13F	48	Cancer of Uterus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	46B	Cancer of Stomach and duodenuin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	50	Cancer of breast	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	45-46A females.																			
16	46 c-h,47,49,51,55	Cancer of all other Sites	...	...	...	...	...	...	...	...	...	...	1	...	2	...	2	1	2	1
17	61	Diabetes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	83	Intra cranial Vascular Lesions	...	...	4	1	...	1	...	1	...	...	...	1	...	1	1	...	1	2
19	90-95	Heart disease	...	...	...	...	1	...	3	...	...	...	...	1	1	1	1	3	3	3
20	96-103	Other diseases of Circulatory system	...	...	1	1	3	1	...	...	2	...	...	...	1	...	5	1	...	1
21	106	Bronchitis	...	...	2	1	4	1	4	2	2	4	10	13	15	17	21	29	2	30
22	107-109	Pneumonia	3	1	15	10	51	44	274	221	404	414	1,102	1,022	1,025	1,193	781	910	313	356
23	104,105,110-114	Other Respiratory diseases	...	...	2	2	3	...	5	1	4	3	3	7	9	6	6	6	8	9
24	117	Ulceration of the Stomach or duodenum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	119,120	Diarrhoea	1	...	11	9	55	32	55	46	46	48	111	95	122	113	78	57	25	21
26	121	Appendicitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
27	115,116,118,122-129	Other digestive diseases	2	...	8	7	13	9	7	6	3	3	13	4	35	29	46	33	12	13
28	130-132	Nephritis	...	...	...	...	...	...	...	...	...	1	4	1	...	5	5	7	5	7
29	140-147	Puerperal and Post Abortives Sepsis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	141-146,148-150	Other Maternal Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	159	Premature birth	241	181	376	268	93	103	3	4	2	1	...	1	...	...	...	...	...	...
32	157,158,160,161	Congenital Malformation, injury at birth	222	162	394	286	604	499	309	251	129	114	109	116	...	1	...	...	...	...
33	163-164	Suicide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	170-171	Road Traffic Accidents	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	3	14	7
35	165-169,172-198	Other Violent Causes	5	1	3	...	2	...	1	...	1	2	2	1	3	5	16	13	31	10
	34	*A.* Small pox	...	...	...	...	...	...	4	...	4	5	10	11	10	8	7	6	11	10
	3	*B.* Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
	29a	*C.* Kala-Azar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	28a	*D.* Malaria	...	...	...	...	1	...	...	...	...	1	...	...	2	5	5	2	3	4
	28b	*E.* Ague and Remittent Fever	...	...	...	...	1	...	4	2	6	...	8	10	31	18	60	50	33	50
36	31	*F.* Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	200-2a	*G.* Fever not defined	...	...	3	4	9	8	7	4	7	6	10	4	18	12	16	13	5	11
	4	*H.* Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1
	27	*J.* Dysentery	...	...	...	...	1	3	3	1	3	1	19	18	22	15	16	22	12	12
	23	*K.* Leprosy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	162	*L.* Senility and Old Age	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		M. All other causes	11	8	82	53	54	46	78	83	112	75	217	204	470	561	462	603	117	120
		All ages ... Males	487		901		897		767		747		693		1,864		1,636		666	
		All ages ... Females		353		642		751		624		693		1,570		2,087		1,831		699

Table No. 15—Concld.

TABLE OF DEATHS BY AGES, SEXES AND CAUSES IN 1945—*contd.*

No. in Short List	Corresponding No. in detailed List.	Causes of deaths.	10 to 15 years.		15 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 and Over.		Total		Persons	No. in Short List.
			Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		
1	1-2	Typhoid and Para Typhoid Fever	24	22	67	33	211	62	77	23	27	5	13	8	6	4	451	165	616	1
2	6	Cerebro-Spinal Fever	5	2	16	1	26	5	24	3	5	1	2	2	1	...	88	23	111	2
3	8	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
4	9	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	4	12	4
5	10	Diphtheria	1	1	...	...	1	...	...	1	...	...	1	...	...	...	74	39	113	5
6	13	Tuberculosis of Respiratory System	8	22	30	37	208	199	242	128	206	57	156	31	93	29	984	540	1524	6
7	14-22	Other forms of Tuberculosis	9	5	5	17	25	50	18	33	9	8	10	8	5	2	217	240	457	7
8	30	Syphilitic disease	...	...	...	...	4	4	8	1	12	1	6	...	5	...	43	12	55	8
9	33	Influenza	1	...	...	1	2	2	3	...	2	...	2	3	3	2	22	10	32	9
10	35	Measles	1	2	...	4	1	3	...	1	...	...	...	...	...	...	71	89	160	10
11	36	Acute Poliomyelitits and Polioencephalitis	...	...	...	...	1	...	1	1	...	...	1	...	...	...	5	1	6	11
12	37	Acute infections encephalitis	...	...	...	...	...	...	1	...	1	...	1	...	1	...	4	...	4	12
13M	45-46A	Cancer of buccal cavity and Oesophagus (Males)	...	...	1	...	...	...	3	...	17	...	7	...	10	...	38	...	38	13
13F	48	Cancer of Uterus	...	...	...	...	...	1	...	3	...	3	...	6	...	3	...	16	16	13
14	46B	Cancer of Stomach and duodenum	...	...	...	...	...	...	1	...	3	1	11	5	11	5	26	11	37	14
15	50	Cancer of breast	...	...	...	...	...	...	...	5	...	7	...	5	...	6	...	23	23	15
	45-46A females																			
16	46-c-h, 47,49,51,55	Cancer of all other Sites	1	3	1	5	8	4	14	5	28	15	41	12	42	19	142	65	207	16
17	61	Diabetes	...	...	...	...	3	1	1	1	11	2	20	12	22	18	57	34	91	17
18	83	Intra cranial Vascular Lesions	2	1	1	...	9	4	17	15	41	14	59	26	94	57	229	124	353	18
19	90-95	Heart disease	2	3	13	4	29	10	66	11	97	15	101	15	115	45	432	111	543	19
20	96-103	Other diseases of Circulatory system	2	2	1	...	9	7	16	3	21	4	20	8	24	14	105	42	147	20
21	106	Bronchitis	6	4	4	5	13	18	45	26	75	29	101	45	114	63	418	267	685	21
22	107-109	Pneumonia	120	137	145	116	524	309	469	227	406	165	322	90	213	120	6,167	5,335	11,502	22
23	104,105,110,114	Other Respiratory Diseases	2	6	6	7	54	52	127	77	211	65	313	133	289	168	1,042	542	1584	23
24	117	Ulceration of the Stomach or duodenum	...	...	...	...	6	1	13	1	10	...	2	1	4	...	35	3	38	24
25	119-120	Diarrhoea	14	2	7	8	62	32	72	27	52	16	45	16	54	39	810	561	1371	25
26	121	Appendicitis	2	1	2	1	6	...	4	1	5	...	4	1	...	...	23	5	28	26
27	115,116,118,122-129	Other digestive diseases	7	9	5	5	74	33	71	20	84	15	56	12	34	11	470	209	679	27
28	130-132	Nephritis	3	4	2	6	14	7	20	20	20	10	29	12	59	21	161	101	262	28
29	140-147	Puerperal and Post Abortive Sepsis	...	...	...	1	...	11	...	9	...	1	...	...	...	...	...	22	22	29
30	141-146,148-150	Other Maternal Causes	...	...	...	11	...	59	...	40	...	1	...	...	...	...	...	111	111	30
31	159	Premature birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	715	558	1,273	31
32	157,158,160,161	Congenital Malformation, injury at birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,767	1,429	3,196	32
33	163-164	Suicide	...	...	2	2	16	7	18	2	7	2	2	...	1	1	46	14	60	33
34	170-171	Road Traffic Accident	16	2	10	...	33	2	19	5	16	6	15	8	22	6	149	39	188	34
35	165-169,172-198	Other Violent causes	20	14	40	37	239	53	174	47	81	13	53	9	32	29	703	234	937	35
	34	(*A*) Small-pox	7	6	15	6	53	23	24	4	5	3	1	1	...	1	151	84	235	A
	3	(*B*) Plague	...	...	2	...	2	...	1	...	1	...	1	...	...	...	7	1	8	B
	29	(*C*) Kala-Azar	1	...	...	...	...	...	2	...	...	...	...	...	1	...	4	...	4	C
	28*a*	(*D*) Malaria	4	1	5	3	11	7	10	2	9	2	7	2	4	5	62	34	96	D
Other defined Disease.	28*b*	(*E*) Ague and Remittent Fever	29	33	41	31	94	76	101	86	79	51	58	29	14	13	559	449	1008	E
	31	(*F*) Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	F
36	200 : 2*a*	(*G*) Fever not defined	10	6	12	7	34	13	12	8	25	10	12	5	12	5	192	116	308	G
	4	(*H*) Cholera	2	...	1	...	3	4	7	...	4	1	...	4	...	1	18	22	30	H
	27	(*J*) Dysentery	4	4	9	3	19	11	26	6	30	4	22	11	21	12	207	123	330	J
	23	(*K*) Leprosy	...	...	...	...	7	2	16	6	15	1	9	4	3	...	50	13	63	K
	162	(*L*) Senility & old age	...	...	...	...	...	...	...	...	7	5	147	95	1,521	1,711	1615	1811	3,486	L
		(*M*) All other causes	65	102	99	183	351	798	439	696	430	366	432	225	352	272	3,771	4,395	8,166	M
		All ages ... Males	38		542		2,152		2,162		2,052		2,082		3,182		22,198			
		All ages ... Females		364		534		1,870		1,544		899		844		2,682		18,017		
																			40,215	

Table No, 16.

SUMMARY OF SANITARY INSPECTIONS MADE AND SANITARY IMPROVEMENTS SECURED BY THE S. M. I's, J. M. I's AND MEDICAL ASSISTANTS IN 1945.

	No. of Inspections, etc., by	
	S. M. I's and J. M. I's.	Medical Assistants.
A—Nature of Inspection or premises visited—		
1. Dwelling Houses ...	10,054	26,639
2. Milch Cattle Stables ...	1,746	5,245
3. Other Stables ...	1,035	2,779
4. Dairies and Milkshops ...	3,804	3,856
5. Eating Houses ...	6,372	12,364
6. Other premises where food is sold ...	5,127	4,733
7. Aerated Water Works ...	265	722
8. Other Workshops and Factories ...	5,459	11,004
9. Accumulations of Refuse ...	1,594	3,285
10. Building Works ...	3	24
11. Drains and Fittings ...	6,403	9,171
12. Other Inspections and Inquiries ...	11,830	31,523
13. Markets ...	16	33
Total No. of Inspections ...	53,718	1,11,378
B—Works, etc., completed—		
1. Dwellings—		
(a) Limewashed ...	911	2,263
(b) Water supply provided ...	1	17
(c) Overcrowding abated ...	...	2
(d) Insanitary dwellings evacuated ...	237	501
2. Stables—		
(a) Paved and drained ...	8	101
(b) Cleaned and refuse removed ...	196	160
(c) Licence cancelled ...	...	...
3. Eating Houses, Dairies, etc.—		
(a) Regulations enforced ...	478	1,033
(b) Licences cancelled ...	...	1
4. Factories and Workshops— Limewashing, etc., carried out ...	29	88
5. Drains, etc., repaired ...	1,521	3,359
6. Privies abolished ...	7	...
7. New W. Cs. provided ...	13	33
8. Accumulation of Refuse removed ...	581	1,277
9. Other Works completed ...	1,018	3,528
Total Sanitary Work completed ...	5,000	12,363

Table No. 17.

METEOROLOGICAL DATA (GOVERNMENT OBSERVATORY, COLABA), LATITUDE 18°-53′-36″ NORTH LONGITUDE 72°-48′-56″ EAST.

Months.	Wind.		Temperature.							Humidity at 8 Hours.		Rainfall.						
	Direction.	Mean Velocity in Miles per hour.	Mean Maximum Temperature.	Departure from Normal.	Highest in month.	Mean Minimum Temperature.	Departure from Normal.	Lowest in month.	Mean.	Departure from Normal.	Total rainfall in the month.	Departure from Normal.	Heaviest fall in one day.		Minimum fall in one day.		Number of rainy days.
													Inches.	Date.	Inches.	Date.	
1945.																	
January	...	...	81.5	—1.1	89.0	64.7	—1.7	54.0	...	...	0.82″	+0.73″	0.64″	5th	...	...	2
February	...	...	85.4	+2.6	99.5	67.3	+0.3	59.8	...	...	0.00″	—0.06″	...	...	...	...	...
March	...	...	89.8	+4.1	103.1	72.5	+0.9	63.3	...	...	0.00″	—0.04″	...	...	...	...	...
April	...	...	89.5	+1.1	93.5	76.2	+0.4	73.0	...	...	0.00″	—0.04″	...	...	...	...	...
May	...	...	91.3	+0.6	93.4	80.0	+0.8	77.5	...	...	0.00″	—0.68″	...	...	...	...	...
June	...	...	89.2	+1.0	94.3	78.9	+0.6	73.9	...	...	24.36″	+4.68″	5.88″	21st	0.02″	12th 29th	16
July	...	...	86.1	+0.9	89.1	76.6	+0.3	71.5	...	...	31.87″	+7.92″	4.87″	22nd	0.01″	26th	24
August	...	...	85.7	+0.9	88.8	76.6	+0.9	73.5	...	...	26.10″	+12.89″	9.70″	14th	0.01″	31st 2nd	19
September	...	...	86.0	+1.0	88.1	76.2	+0.9	73.0	...	...	6.16″	—4.13″	1.74″	23rd	0.02″	8th 28th	15
October	...	...	89.1	+0.5	95.3	75.8	+0.6	72.6	...	...	0.70″	—1.36″	0.70″	11th	...	...	1
November	...	...	91.5	+2.5	95.3	72.0	0.0	67.3	...	...	0.37″	—0.02″	0.25″	16th	...	...	2
December	...	...	85.8	—0.6	93.1	66.3	—2.2	58.0	...	...	0.00″	—0.05″	...	...	...	...	...

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