



ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

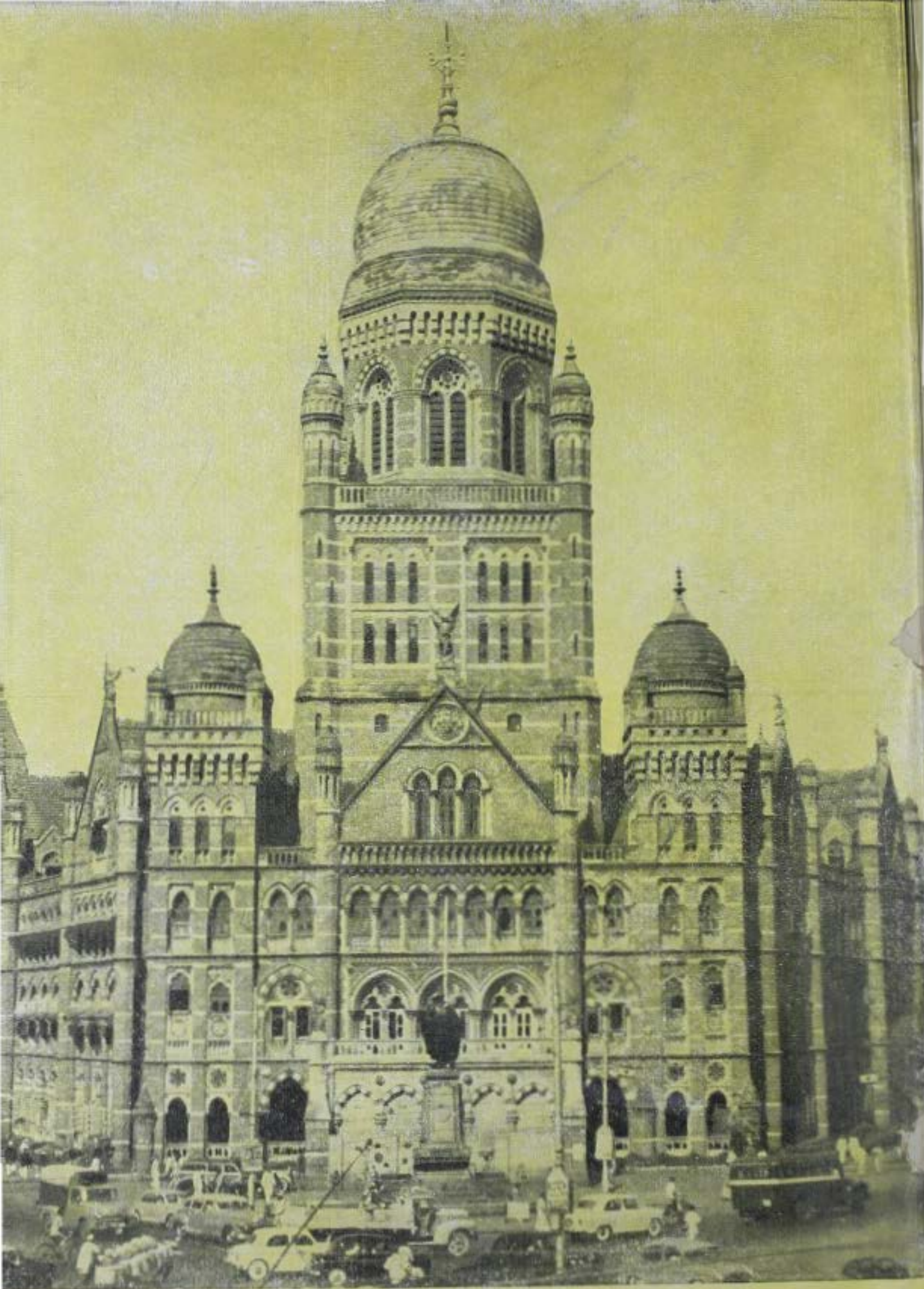
FOR

GREATER BOMBAY

For the Year 1974-75

CITY, SUBURBS AND EXTENDED SUBURBS

BOMBAY
PRINTED AT THE MUNICIPAL PRINTING PRESS
1976



MUNICIPAL HEAD OFFICES



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**REVIEW OF THE STANDING COMMITTEE OF THE ADMINISTRATION
REPORT OF THE MUNICIPAL COMMISSIONER FOR GREATER
BOMBAY FOR THE YEAR 1974-75.**

The Administration Report submitted by the Municipal Commissioner, gives in detail the working of the various Municipal Departments for the year 1974-75.

CORPORATION

2. Shri B. K. Boman-Behram was elected Mayor of Bombay for the year under report and he continued to hold that office throughout the year. Shri V. M. Parvatkar was the Chairman of the Standing Committee, Shri N. B. Pawar was the Chairman of the Improvements Committee, Shri R. M. Dube was the Chairman of the Education Committee and they continued to hold their respective offices throughout the year.

The Corporation accorded Civic Address to Shri Fakhruddin Ali Ahmed, B. A. (Cantab), Bar-At-Law, President of India and Civic Receptions to (i) the delegates attending the 26th International Conference of Physiological Sciences; (ii) the delegates attending the XVII International Conference of World Education Fellowship; (iii) the delegates attending the XVII National Conference (Silver Jubilee Session) of the Indian Council of Social Welfare; (iv) the Indian and the West Indies Cricket Team and (v) the Delegates attending the II International Seminar on Maternal and Perinatal Mortality, Pregnancy Termination and Sterilization.

COMMISSIONER

3. Shri M. W. Desai held the post of the Municipal Commissioner during the year under report.

Complaints Section

The Section which remains open on all the days including Sundays and Holidays deals with the complaints concerning Municipal Services received in the Central Control Room, at Babula Tank Cross Lane, Bombay-9, about repairs to buildings, water supply, drainage, sanitation, etc. Complaints referred to the departments concerned were systematically followed up and the complainants were contacted, if required in, order to see that their grievances were redressed within a reasonable time. The total number of complaints registered and followed up by the Central Control Room during the year under report was 10,430.

Raja Dr. Baldevdas Birla Kreedha Kendra

The auditorium which has been fully air conditioned and equipped with push-back type cushion chairs has a total capacity of 625 and is used by the public for various social and cultural activities. Besides, the auditorium is found suitable for holding various municipal functions and programmes. Even the Government of Maharashtra makes use of it for main Lottery Draws. The Shiv-Darshan exhibition was held in the children's Hall for about 4 months. The toy train which was the main attraction for children was dismantled for renovation in December 1974. During the year, an amount of Rs. 1,89,493 was collected by way of revenue.

The Chowpatty sea-shore continued to be under the supervision of the Manager, for maintenance of sanitation.

Special Technical Unit

The Executive Engineer (Vigilance) is in charge of the Special Technical Unit attached to the Municipal Commissioner's Office. This Unit supervises the construction works in progress and exercises control over construction jobs for quality control and investigates various complaints of serious nature connected with Engineering Branch received from the public, etc. The Unit also functions as a co-ordinating agency of the work of different Branches of Engineering Department, etc. This Unit inspected 287, 149 and 75 works in respect of building construction, road construction and drainage construction, respectively. The Special Technical Unit also carries out sample checking of some of the final bills of the Municipal construction works. It also checks a few building proposals after the building occupation certificates or building completion certificates are issued to parties to verify that the disposal is in order.

Further amount of Rs. 4,682, will be also recovered from the civic contractors in due course in addition to the amount recovered from them by way of excess payments, penalties imposed on sub-standard works, etc.

FINANCIAL

4. The financial transactions have resulted in a surplus of Rs. 2,34,39,224 at the end of the year instead of an anticipated deficit of Rs. 4,55,06,506. This was due to the fact that the actual income decreased by Rs. 349.93 lakhs over the revised estimate of income and the actual expenditure decreased by Rs. 491.48 lakhs over the revised estimates.

Variation in Income and Expenditure

5. In preparing the Budget Estimates for the year under report, an Opening Cash Balance of Rs. 4,57,38,000 was estimated. On the final closing of the accounts for the previous year, the actual Opening Balance for the year under report amounted to Rs. 2,05,401. The total income budgeted for was Rs. 63,55,23,635, while the actual realisations amounted to Rs. 61,50,64,701. On the expenditure side, the amount budgeted for was Rs. 68,10,84,141, whereas the actuals of expenditure were Rs. 59,16,25,477.

Loan Funds

6. The Opening Balance on 1st April 1974 on account of Loan Funds excluding the Trust Fund was Rs. 1,07,65,535 for the City, that for Suburbs on account of Loan Funds and Trust Funds was Rs. 70,00,622 and Rs. 32,14,639 on account of Loan Funds for the Extended Suburbs. Loans aggregating to Rs. 5,02,22,073 for the City, Rs. 2,65,00,000 and Rs. 1,05,00,000 each for the Suburbs and Extended Suburbs, respectively, were raised during the year.

The total Loan Funds available for expenditure during the year were Rs. 6,09,87,608 for the City, the total Loan Funds and Trust Funds available for expenditure were Rs. 3,35,00,622 for the Suburbs and the total Loan Funds available for expenditure were Rs. 1,37,14,639 for the Extended Suburbs.

The total expenditure amounted to Rs. 4,61,56,696 for the City, Rs. 3,87,16,199 for the Suburbs and Rs. 1,49,84,786 for the Extended Suburbs, on Capital Works as against the budgeted figure exclusive of Water Supply and Sewerage Department of Rs. 12,00,46,960 for the City, Rs. 13,65,88,600 for the Suburbs and Rs. 5,89,02,000 for the Extended Suburbs.

Sinking Fund

7. The book value of investments of the Sinking Funds, at the close of the year, amounted to Rs. 32,49,52,652 for the City, Rs. 7,41,62,985 for the Suburbs and Rs. 2,94,25,393 for the Extended Suburbs, made up of Rs. 32,49,52,505 for the City, Rs. 7,41,62,945 for the Suburbs and Rs. 2,94,25,350 for the Extended Suburbs, being the book value of securities and the amounts of Rs. 147 for the City, Rs. 40 for the Suburbs and Rs. 43 for the Extended Suburbs in cash with the State Bank of India, Bandra, respectively. Valuing the Municipal and Improvements Trust Debentures at par, the Market Value of the Sinking Fund Investments, held on 31st March 1975, comes to Rs. 32,14,48,076 for the City, Rs. 7,38,38,950 for the Suburbs and Rs. 2,94,25,350 for the Extended Suburbs. The total amount of Sinking Fund upto 31st March 1975 thus inclusive of the interest accrued and cash with the State Bank of India came to Rs. 32,50,16,575 for the City, Rs. 7,50,99,218 for the Suburbs and Rs. 2,99,96,959 for the Extended Suburbs, the excess in the Sinking Fund Account being Rs. 2,42,96,491 for the City, Rs. 1,01,98,076 for the Suburbs and Rs. 20,05,910 for the Extended Suburbs, respectively.

Improvement Schemes Account, General Account, Income and Expenditure

8. The total income for the year amounted to Rs. 4,76,55,467 as against Rs. 4,45,24,290 for the previous year, showing a net increase of Rs. 31,31,177, viz., increase of (1) Rs. 27,05,142, under contribution from Municipal Corporation; and (2) Rs. 8,71,100, under VI.—Grant Assistance from Government of India for environmental Improvement of Slums, counter balanced by decreases, of (1) Rs. 2,93,181, under Rent and other proceeds of properties and (2) Rs. 60,291, under IV.—Interest and Profits on investment and (3) Rs. 91,593, under V.—Misc. Receipts.

The total expenditure for the year was Rs. 4,14,53,727 as against Rs. 4,19,95,521 for the previous year, showing a decrease of Rs. 5,41,794 on that of the previous year. This is made up of decreases of (1) Rs. 4,03,246, under maintenance of properties and streets and (2) Rs. 1,38,548, under Debt Charges. The expenditure of Rs. 4,14,53,727 comprises of expenditure of Rs. 3,18,66,377, under Maintenance of Properties and Streets inclusive of cost of Management and Establishment and Rs. 95,87,350, under Debt Charges.

The surplus of Rs. 62,01,740 in the General Account is transferred to Capital Account.

Loan Account

The loan liabilities, at the beginning of the year, stood at Rs. 13,69,80,374. The repayment of loan to Government during the year under report amounted to Rs. 64,32,907 of which Rs. 14,32,907 were repaid to the Government on the basis of equated payment and Rs. 50,00,000 were paid to debenture holders. The outstanding liabilities on loan account, at the close of the year, stood at Rs. 13,05,47,467.

Capital Account

The year began with an Opening Balance Rs. 2,21,71,032 on 1st April 1974. In the course of the year under report, receipts on account of sale proceeds of lands and buildings amounted to Rs. 4,30,808. The total funds thus available were Rs. 2,26,01,840. The total expenditure incurred amounted to Rs. 75,48,526. The surplus in General Account for the year which amounted to Rs. 62,01,740 was transferred to the Capital Account. The unspent balance, at the close of the year, stood at Rs. 2,12,55,054.

Sinking Fund—Improvement Schemes Account

The amount of Sinking Fund on 31st March 1975 was Rs. 8,25,42,549 of which Rs. 8,25,42,448 represent the book value of the securities and Rs. 101 in cash with the State Bank of India. Valuing the Municipal and Trust debentures at par, the market value of the Sinking Fund Investment at the end of the year under review amounted to Rs. 8,02,69,637. This together with interest accrued upto 31st March 1975, viz., Rs. 2,41,386 and cash with the State Bank of India, viz., Rs. 101, brought the total amount of sinking fund to Rs. 8,05,11,124 against Rs. 5,98,97,312, the amount to which the Sinking Fund should have accumulated at the close of the year. The excess in the fund thus amounted to Rs. 2,06,13,812.

The gross capital liabilities of the Improvements Schemes stood at Rs. 13,53,05,957 at the close of the year under review and the assets Rs. 34,94,52,665 including the book value of the lands comprised in Schedules 'W' and 'X', resulting in a Surplus of Rs. 21,41,46,708.

General Account, Slum Clearance—City and Suburbs

The total income during the year under Slum Clearance, City Section, amounted to Rs. 22,11,859 against Rs. 21,78,501 in the previous year showing a net increase of Rs. 33,358. This is made up of decrease of Rs. 58,297, under Rent and other proceeds of properties and an increase of Rs. 91,656 under Interest and Profit on Investments.

The expenditure on this account, during the year, amounted to Rs. 49,15,511 as against Rs. 37,56,095 for the previous year, showing an increase of Rs. 11,59,416. This is made up of decrease of Rs. 3,74,033 under Maintenance of Properties and Streets and increase of Rs. 15,33,449 on Debt Charges. The expenditure of Rs. 49,15,511 comprises of (1) Rs. 10,27,056, under Maintenance of Properties, etc., and (2) Rs. 38,88,455; under Debt Charges. Deficit of Rs. 27,03,652 is transferred to Capital Account.

The total income during the year under Slum Clearance, Suburban Section amounted to Rs. 6,21,019 as against Rs. 6,48,011 in the previous year showing a net decrease of Rs. 26,992. This is made up of Rs. 31,222 under I.—Rent and other Proceeds of Properties, Rs. 13,115, under IV.—Miscellaneous Receipts and Rs. 17,345, under III.—Interest and Profit on Investments.

The expenditure during the year on this account amounted to Rs. 26,56,487 as against Rs. 20,64,493 for the previous year showing a net increase of Rs. 5,91,994. This is made up of (1) Rs. 34,847, under Maintenance of Properties and Streets and (2) of Rs. 5,57,147, under Debt Charges. The net deficit of Rs. 20,35,468 was transferred to Capital Account.

Capital Account, Slum Clearance—City

The Opening Balance under Capital Account, Slum Clearance City, on 1st April 1974, was Rs. 31,92,221. An amount of Rs. 1,40,934 was received from the Government as subsidy. Thus the total funds available for expenditure amounted to Rs. 33,33,155, against which the expenditure incurred during the year amounted to Rs. 19,91,174. The deficit in the General Account amounting to Rs. 27,03,652 was transferred to Capital Account. The deficit of Rs. 13,61,671, was met by taking an advance from Surplus Moneys, under Revenue Budget 'A', Division-I.

Capital Account, Slum Clearance—Suburbs

The Opening Balance under Capital Account Slum Clearance, Suburbs, on 1st April 1974, was Rs. 10,12,918. The sale proceeds of Lands and Buildings amounted to Rs. 1,54,970. The total funds available for expenditure thus amounted to Rs. 11,67,888, against which expenditure incurred during the year amounted to Rs. 23,21,728 and deficit in the General Account amounting to Rs. 20,35,468 is transferred to the Capital Account. The deficit of Rs. 31,89,308 was met by taking an advance from Surplus Money, under Revenue Budget 'A', Division-I.

Education Fund

9. The estimated income for the year was Rs. 12,25,37,770 and the Revised Estimates was Rs. 11,64,42,070. The actual income for the year amounted to Rs. 13,35,86,030, resulting in an increase of Rs. 1,10,48,260 in the Budget Estimates and of Rs. 1,71,43,960 in the Revised Estimates. The rate of Education Cess was continued at 2½ per cent. of rateable value on buildings and lands, the rateable value of each of which was not less than Rs. 300 per annum and 2 per cent. of the rateable value on buildings and lands, the rateable value of each of which was less than Rs. 300 per annum but not less than Rs. 75 per annum.

The total expenditure for the year amounted to Rs. 12,36,88,868 against the Budget Estimates of Rs. 12,25,38,156.

The Opening Balance on account of Loan Funds excluding Trust Funds on 1st April 1974 was Rs. 5,53,111. A new loan of Rs. 150 lakhs was proposed for 1974-75, but actually a loan of Rs. 160 lakhs was raised during the year. The total Loan Funds thus, available amounted to Rs. 1,54,46,889 against which expenditure booked on Loan Funds, amounted, to Rs. 1,13,30. The closing balance at the end of the year was Rs. 41,17,061.

The percentage of actual expenditure on Loan Works to the Loan Funds available works out to 73.35.

TAXATION, DEMAND, COLLECTION AND OUTSTANDING

10. During the year under report, the rates of taxation in the City, Suburbs and Extended Suburbs were as follows :—

General Tax (including Fire Tax) at 24½ per cent., Water Tax on Rateable Value at 7 per cent., Water Benefit Tax at 3 per cent. and Sewerage Tax at 3½ per cent. Rates charged for the supply of water by meter measurement ranged between Rs. 2.50 and Rs. 14 per 10,000 litres according to the class of property.

On the Assessment Register, at the close of the year, there were 87,953; 88,082 and 48,563 properties in the City, Suburbs and Extended Suburbs, respectively. 2,931 properties in the City, 2,508 in the Suburbs and 1,968 in the Extended Suburbs were newly assessed to General Tax, while 3,877 properties in the City, 2,244 in the Suburbs and 1,217 in the Extended Suburbs were exempted from the General Tax, during the year under report.

The total number of properties in the City, Suburbs and Extended Suburbs accounted for as newly assessed, demolished and enlarged during the year was 2,931; 2,508 and 1,968, respectively.

The rateable value of all properties on 31st March 1975 was Rs. 61,28,19,095 in the City; Rs. 30,68,43,134 in the Suburbs and Rs. 14,03,74,248 in the Extended Suburbs as against Rs. 59,99,87,034, Rs. 28,16,42,480 and Rs. 12,72,22,344 in the preceding year.

The total number of bills in respect of Property Taxes and Wheel Tax issued during the year was 1,67,362 and 3,76,703, respectively, for the City, 1,74,404 and 1,06,505 for the Suburbs and 96,536 and 29,969 for the Extended Suburbs. The total number of bills for water charges by meter measurement issued during the year by the Hydraulic Engineer was 35,153 for the City, 63,799 for the Suburbs and 28,179 for the Extended Suburbs. As regards Property Taxes, out of the net demand of Rs. 34,26,28,402, an amount of Rs. 25,27,87,685 was collected, leaving an amount of Rs. 8,98,40,717, as outstanding. Percentage of outstanding to net demand comes to 26.22 for the City. The figures for Suburbs for net demand and collection stood at Rs. 21,83,18,129 and Rs. 12,65,21,390, leaving a balance of Rs. 9,17,96,739 as outstanding and percentage of outstanding to net demand comes to 42.05. The net demand and collection in the Extended Suburbs stood at Rs. 10,27,36,189 and Rs. 5,18,67,695, leaving the balance at Rs. 5,08,68,494 and the percentage of outstanding to net demand comes to 49.50.

In the case of Wheel Tax in the City, the net demand was for Rs. 3,71,99,236 and the amount collected was Rs. 1,05,20,577, thus leaving an amount of Rs. 2,66,78,659 as outstanding. The percentage of outstanding to net demand comes to 71.71. As regards Suburbs and Extended Suburbs, the net demand was Rs. 1,40,77,907 and Rs. 27,96,182, the collection at Rs. 22,932,70 and Rs. 6,26,355, thus leaving an amount of Rs. 1,70,84,679 and Rs. 21,69,827, as outstanding, respectively and the percentage of outstanding to net demand comes to 83.73 and 77.62, respectively.

The Standing Committee is distressed to see the high percentages of arrears of property taxes and Octroi and they are of the emphatic opinion that a more vigorous drive for the recovery ought to be undertaken.

THEATRE TAX

11. There were in all 50 Class I and 17 Class II Cinema Theatres in the City, 26 Class I and 8 Class II Cinema Theatres in the Suburbs and 12 Class I and 4 Class II Cinema Theatres in the Extended Suburbs.

The total income derived by way of Theatre Tax during the year under report, was Rs. 8,88,645 in the City, Rs. 4,20,594 in the Suburbs and Rs. 2,09,475 in the Extended Suburbs.

Octroi

12. Rates of Octroi continued to be the same as those in the year 1973-74, except those in respect of (1) Saffron Item 7 and (2) Dried Nuts, under 'Edibles' Item 8 of Octroi Schedule, where they were reduced from 7 per cent. to 2 per cent. and 6 per cent. to 1½ per cent. ad-valorem, respectively.

The gross collection from Octroi, during the year under report, amounted to Rs. 28,45,66,206, as against Rs. 24,63,81,529, in the preceding year. This shows that an amount of Rs. 3,81,84,677 was collected in excess over the collection for last year. The total number of claims for refund was 77,862, as against 82,629 in the previous year.

The Government of Maharashtra did not take any final decision in the matter of abolition of Octroi and its substitution by another source of revenue till 31st March 1975. Government are, however, instead of abolishing Octroi, considering a new system of Octroi on the lines of Sales Tax recovery with a view to redressing the grievances of transport operators about detention of trucks at octroi check posts. They have held discussions about the new system with representatives of Transport Operators, traders and local bodies. They also intend to hold discussions with Mayors of Corporations and Presidents of local bodies in Maharashtra, before taking a final decision about the new system.

ELECTIONS

13. During the year no Bye-Elections were held to fill up the casual vacancy caused due to the sad accidental death of a sitting Councillor, Shri G. S. Chavan, as it was decided to await judgement of the Small Causes Court on all Election petitions.

14. WATER SUPPLY PROJECTS DEPARTMENT

Vaitarna-cum-Tansa-Scheme.—The various works under this Scheme have been completed since long and only some land acquisition matters remained to be finalised. Correspondence for transfer of Government Lands and forest lands was in progress during the year under report.

Master Plan For The Distribution Of Water Supply

The 90 M.L.D. (20 m. g. d.) Vehar Treatment Plant was commissioned in March 1975 and the performance test of the Plant was in progress during the year.

Upper Vaitarna Scheme

All the works connected with this Scheme have been completed. Treatment works envisaged under this Scheme now have been included under the Integrated Water Supply and Sewerage Scheme. Out of 6 reservoirs proposed to be constructed under this Scheme, two reservoirs, at Bhandup and Borivli, have been completed and commissioned. The remaining four reservoirs have now been included under the Integrated Water Supply and Sewerage Scheme and the capacities of these four reservoirs have also been revised taking into account the additional supply from Bhatsai 'S' Scheme. Two more proposals for acquisition of lands required for approach road to Malad Hill Reservoir were forwarded to the Addl. Collector, B. S. D., during the year.

Bhatsai Scheme

The Bhatsai 'S' Scheme has been undertaken with a view to have additional source of water supply and it is proposed to be developed into two stages. In the first stage, 100 mgd. for water supply and 50 mgd. for irrigation will be made available, whereas in the second stage, 300 mgd. will be available. Water from this scheme will be made available in June 1977. For completing this work in scheduled time, various works are required to be carried out and the Committee desire that these works should be completed expeditiously, so as to stick to the time schedule.

Ulhas River Scheme

This Scheme was commissioned in May 1967. Land acquisition matters connected with the scheme were in progress during the year and part awards in respect of lands in villages Sonale, Lonad and Wadhavli were declared by the Special Land Acquisition Officer (Upper Vaitarna.). Correspondence with the Special Land Acquisition Officer for expediting the remaining awards were in progress. Correspondence for grant of Government land, forest land, measuring 59,589 sq. mtr. for various purposes was in progress with the Additional Collector, Thana.

Planning Section Public Works

15. Last year, the Buildings, Roads and Drainage Construction Sections which worked on functional basis for the whole of Greater Bombay were decentralized into 3 Zones.

The Architectural Planning Branch for the City, Suburbs and Extended Suburbs prepared in all 17 cloth Tracings, 51 Block Estimates and 54 Detailed Estimates in connection with different building works (including housing in Greater Bombay), costing Rs. 8,79,00,000 in the City, Suburbs and Extended Suburbs.

Municipal Properties

16. The total number of buildings and other properties both Municipal and ex-Trust maintained by the Maintenance Branch during the year was 4,780 as against 4,656 in the previous year. The amount spent on buildings in the City, Suburbs and Extended Suburbs for such works was Rs. 3,01,88,150. The work of upkeep and maintenance of buildings including school buildings was carried out either by departmental agency or by the Petty Works Contractors.

Construction

During the year under report, works amounting to Rs. 2,92,13,751 were completed. Works amounting to Rs. 3,75,18,261 were in progress.

Private Buildings

17. During the year 883, applications were received for the construction of new buildings or additions and alterations to the existing ones in the City area. The total number of new buildings constructed by private enterprise, during the year was 70, out of which 23 buildings were constructed by Co-operative Societies and 8 by employers for their employees. If proper encouragement and guidance is given, the Standing Committee is confident that the Co-operative Housing will be of great help in solving the baffling housing problem. The Standing Committee is also of the view that if incentive is given in the form of concession in taxes, it would serve as an impetus for building activities.

Actions under relevant Sections of the Municipal Act continued as before. 4,537 notices were issued during the year, under different Sections of Municipal Act. 3,153 notices were complied with and 2,364 were still pending compliance at the close of the year.

In deserving cases where the owners resorted to delaying tactics or to refuse to comply with Municipal requisitions authorisations under Section 499 of the Act, were given to tenants to carry out repair works and to recover reasonable expenses incurred by them from the rents.

In 40 cases such authorities were given during the year as against 47 in the previous year and 524 tenants took advantage of it as against 851 during the last year.

440 unsafe buildings were removed at a cost of Rs. 6,44,612 in the City area and 3 unsafe buildings were removed at a cost of Rs. 1,695 in the Suburbs and Extended Suburbs, during the year.

During the year, 160 buildings or portions thereof collapsed in the City. The total number of persons injured was 72 and those killed were 29. The estimated damage to property was Rs. 11,08,650.

Slum Clearance, Housing and Land Acquisition

18. Various works under the Slum Clearance Schemes during the year were in progress.

Clearance of Municipal Slums.—By the end of the year 24 slums were cleared and redeveloped. Clearance and redevelopment of 3 slums in stages were in progress.

Tenements under the Government of India's Subsidised Slum Clearance Schemes.—Under the Scheme, 6,098 tenements were sanctioned. Out of these, the total number of tenements completed upto 31st March 1975, was 5,480. Construction of 120 tenements was in progress, during the year under review.

Financial Assistance from Government under Subsidised Slum Clearance Schemes.—The Corporation have received Rs. 9,19,300 by way of subsidy from the Government, during the year under report. The Corporation has thus so far received Rs. 1,27,93,893 by way of loan and Rs. 1,61,85,205 by way of subsidy upto 31st March 1974.

Drainage and Sewerage

19. *Dadar Purification Works.*—The working of the Sewage Purification Works was satisfactory throughout the year. Total quantity of sewage received for treatment was 20,466 mega litres with an average of 56.07 mega. litres per day. The plant pumped 9,674m. litres of sewage during the year under report. The revenue realised by sale of gas generated by both the digestion tanks was Rs. 2,48,562.92. The Standing Committee feels that the Administration should make greater efforts to increase sale of dried sludge and scum manure.

Love Grove Pumping Station and Purification Works

Pumping Station No. 1 pumped out 43,142.96 m. litres of sewage water directly to sea through the newly constructed 6'-0" dia. delivery line. Pumping Station No. 2 discharged 1,62,977.96 m. litres of sewage water, during the year.

Dharavi Purification Works

The working of the plant throughout the year was satisfactory. The plant pumped 38,975 million litres of sewage, during the year. The revenue realised by sale of gas was Rs. 32,354.99 and the quantity of gas generated was 1833 76 c.m.

No dried sludge manure was sold this year due to non-availability of a Contractor.

The Standing Committee feels that greater efforts should be made by the Administration to secure the sale of the dried sludge manure by propaganda, etc., methods.

Pumping and Compressor Stations and Ejectors

All the sewage pumping and compressor stations worked satisfactorily, during the year. Sewage from the sewerage system of the City was pumped through all pumping stations.

The work of cleansing pipe sewers, storm water drains and open drains were attended to.

Transport.

20. During the year, 371 motor vehicles were in commission in the City and 256 vehicles in the Suburbs and Extended Suburbs.

Since the transport fleet for the removal of refuse was not sufficient to cope up with the daily output of refuse, extra vehicles from private agency had to be requisitioned for the removal of refuse. All the public roads, footpaths and house-gullies were cleaned daily and the quantity of refuse and other waste matter, removed during the year, was approximately 5,45,566 tonnes, average per day being 1,492 tonnes.

Repairs & Maintenance of Roads & Footpaths

21. The total length of roads in the City, Suburbs and Extended Suburbs, at the end of the year, was 485.95 K. M. and 612.32 K. M., respectively.

The work of maintenance of roads and foot-paths was generally satisfactory throughout the year.

The number of street lights maintained in the City was 22,894 and 23,538 in the Suburbs and Extended Suburbs.

1,386 street lighting lamps were improved by converting the T. F. lamps into M.V.L. lamps, Street lighting on 242 roads were improved by converting the lower wattage MV lamps into higher wattage MV lamps.

New street lights were provided on 21 roads in the City and street lights were provided in 10 hutment colonies. Street lights were also provided on 10 private streets, under Section 63(k) of the B. M. C. Act, during the year under report. The Standing Committee is of the view that better maintenance of internal lanes and bye-lanes needs greater attention of the Administration. The additional expenditure of Rs. 3,06,952.48, given as rebate to B. P. T. authorities, was incurred as usual on account of street lighting arrangements of 1036 lamps maintained by B. P. T. authorities in their Docks, etc., by adjustment with the amount due from them in respect of General Tax, Property Tax, etc., by Ward office, A Ward.

The statues of (i) Sir Phirozeshah Mehta at Bori-bunder (ii) Shri Vithalbhai Patel at Chowpatty (iii) Lokmanya Tilak, at Chowpatty, (iv) Dr. Babasaheb Ambedkar at Band Stand, on Mayo Road, (v) Hutatma Smarak, at Hutatma Chowk; (vi) Swami Vivekanand at Gateway of India; and (vii) Senapati Bapat at Shivaji Park as also the Hutatma Smarak, at Flora Fountain, were flood lit with electric lights throughout the year.

Temporary lighting arrangements were provided during the Ganapati Festival on sea-shores at Gateway of India and on the New Year Eve for public safety.

The new type (Acrylic Sheet) plastic traffic direction at (T.D.) bollards were installed at 8 places on traffic islands and central dividers in the City during the year under report.

Removal of Town Refuse

22. The final disposal of refuse was carried out by reclaiming low-laying land at Deonar and also at Dharavi. Total refuse dumped at Dharavi from City and few Suburban wards was 5,52,517 tons and at Deonar 1,76,954 tons.

Total vehicle-shifts employed for removal, during the year, were 1,16,992 of which 23,050 were municipal vehicle-shifts and 93,942 were contractors' vehicle-shifts giving approximate percentage of 20 per cent. and 80 per cent., respectively.

Town Planning Schemes

23. Within the limits of the City, there are 4 Town Planning Schemes, viz., Town Planning Schemes for the Bombay City No. I (Mandvi and Elphinstone Estate); Town Planning Scheme, Bombay City No. II (Mahim area); Town Planning Scheme, Bombay City No. III (Mahim area) and Town Planning Scheme, Bombay City No. IV (Mahim area). All these are finalised Town Planning Schemes and the works included therein have been to a certain extent completed, except in respect of Town Planning Scheme, Bombay City No. I, the area whereof is completely encumbered and, hence, the Corporation has declared their intention to vary the same.

There are 25 Town Planning Schemes in the Suburbs, out of which 24 have been finalised and are in force. The remaining one Scheme, i. e., T. P. Scheme, Vile Parle No. V, is a Principal draft Scheme before the Arbitrator for finalisation. There are only 4 Schemes at present in the Extended Suburbs, out of which one Scheme, viz., Town Planning Scheme, Malad No. 1 (I Variation), has been sanctioned by the Government and has come into force. The hearing of appeals in respect of the Town Planning Scheme Borivli No. I (First Variation), before the Tribunal of Appeal, has been recently completed. The Town Planning Scheme Borivli, No. II (1st Variation) and the Town Planning Scheme Borivli No. III (Principal, Drafts are still before the Arbitrator.

Conservancy

24. All Public roads, footpaths and house gullies were cleaned in the City and Suburbs. The total quantity of refuse and waste matter collected and removed by engaging stationary as well as mobile traction was 5,45,566 tons average per day, being 1,492 tonnes in the City and 2,74,375 tonnes, average per day being 780 tonnes.

4,357 actions were taken in Suburbs and Extended Suburbs under the Municipal Act and the Bombay City Police Act, during the year, for committing nuisance by throwing refuse in the streets or public places or fouling roads by urinating, etc.

Night Soil collection and disposal service was rendered in F and G Wards to 493 basket privy seats, as against 237 for the previous year and 2,218 kilo litres quantity of night soil was removed daily.

The work of licensing pet dogs as well as capturing and destroying stray dogs was carried out. During the year under reference, 7,344 pet dogs were licensed in the City and 5,359 in the Suburbs, 8,403 stray dogs were captured in the City and 38,371 in the Suburbs and 42,470 dogs were voluntarily destroyed.

In addition to the above, the Conservancy Branch also rendered special conservancy and halalkhore services to various circuses, exhibitions, fairs, big concerns, industrial establishments, etc., in City and Suburbs, on payment of schedule charges. An amount of Rs. 4,02,785 was received for rendering conservancy services and an amount of Rs. 1,58,675 was also collected for cleaning of Government Foreshores.

Asphalt Plant and Crushers

The Municipal hot mix Asphalt Plant at Worli, was in operation throughout the year except during the monsoon from July to October 1974. The turn out by the main plant, and pegsca plants were 1,10,00,910 kgs.

The Crushers, at Worli, worked satisfactorily, during the year. The total output of the Crushers was 2,974 brass metal as against 4,537 brass in the previous year.

ESTATES AND LAND MANAGEMENT DEPARTMENT

25. The undeveloped land at present with the Corporation is approximately 494 acres which covers the land at Dharavi, Scheme 56. There were no changes in the layout of ex-Trust Estates. 6 plots in Municipal Schemes have been disposed of in the year 1974-75

The total number of plots disposed of upto the end of 1974-75, was 4,370 with an area of 53,23,553.61 sq. metres and valued at Rs. 14,64,56,325.50.

The amount received by way of commutation of ground rent and premium, etc. during the year, was Rs. 3,39,489 as against Rs. 2,34,594 in the preceding year.

The collection on account of rents from the permanent chawls, during the year, amounted to Rs. 34,68,023. The revenue actually collected on account of rents in respect of S. P. Sheds, came to Rs. 19,83,901. The figures in respect of slum clearance tenements and acquired premises stood at Rs. 25,71,995 and Rs. 13,59,079, respectively.

The recoveries of the rent in the Squatters' Colonies at Mankurd and Jogeshwari were Rs. 1,18,399 and Rs. 1,20,698, against the demand including the arrears of Rs. 13,86,397 and Rs. 3,84,193, respectively and at Palton Road Dormitory amounted to Rs. 36,462, during the year.

During the year under review, the demand and recovery of taxes aggregated to Rs. 43,357 and Rs. 44,717, respectively. The arrears due for collection, at the close of the year, stood at Rs. 3,60,728.

The Standing Committee would like to suggest that earnest efforts should be made for speedy recovery of arrears and the Administration should submit a quarterly report about the progress of recovery for the information of the Standing Committee.

WATER SUPPLY

26. The Tansa, Vaitarna, Vehar, Tulsi and Ulhas were principal sources of the City's water supply.

The average daily supply to Greater Bombay, during the year under report, was about 1,429 mega litres as against 1,276.50 mega litres in the previous year. During the year, the quantity of water supplied to Greater Bombay was 5,21,653 mega litres as against 4,65,892 mega litres in the preceding year. Supply to the Thana Municipality, etc., was 9,570.00 mega litres as against 7,986.39 mega litres, in the previous year. The total quantity of water supplied to bodies outside the limits of Greater Bombay was 3,06,673.14 megalitres as against 15,979.23 mega litres, in the preceding year. Of the total supply to Greater Bombay, a quantity of 343,733.34 mega litres was for domestic purposes as against 21,650.00 mega litres in the previous year. The average daily supply for all purposes per head in Greater Bombay was 276.00 litres, while that for domestic purposes only worked out to 1,33.00 litres. Percentage of total supply for domestic and other purposes worked out at 65.90 and 34.10, respectively.

The water from Powai Lake was used for non-potable purposes, viz., Irrigation and Aarey Colony Stables, owing to its rather inferior quality.

About 1,42,402 ML (31,325.00 mg.) of water was transferred from storage at Upper Vaitarna lake which helped to maintain additional 545 M. J. D. (120 mg. d.) supply to City throughout the year.

The total number of stand-pipes in City, Suburbs and the Extended Suburbs was 5,926.

The number of complaints about short supply, etc., was 22,564 and 11,202 City, Suburbs and the Extended Suburbs, respectively.

70,057 properties were metered in Greater Bombay during the year. The total revenue derived from water supply by meter measurement was Rs. 4,72,53,238 for the City as against Rs. 4,83,78,982, during the previous year. The total revenue collected from the Suburbs from supply of water by meter measurement was about Rs. 4,12,97,899. The figure for the Extended Suburbs for this item was Rs. 1,27,80,936.

The Standing Committee feel that effective steps are required to be taken to ensure equitable distribution of water till execution of augmentation schemes is completed.

FIRE BRIGADE DEPARTMENT

27. During the year the total number of Fire Stations was 17 as against 15 in the previous year. There were 12 Fire Stations in the City proper and 5 in the Suburbs.

The Fire Brigade received during the year 3,680 calls (for City, Suburbs and Extended Suburbs), as against 3,708 calls during the preceding year. Out of these, 2,009 calls were for actual fires as against 1,922 calls during the preceding year. 277 calls were false alarms of which as many as 158 were due to malicious interference with street alarms as against 347 in the preceding year. 1394 calls as against 1,190 in the preceding year were for special services, such as house collapses, rescue works, etc.

The City was served by 212 fire alarm posts (including 25 private ones).

There were 24 serious fires during the year. The estimated total loss to property damaged by the fire was about Rs. 4,71,98,898 as against Rs. 1,36,25,715, during the previous year and the total value of the property involved was worth Rs. 1,13,78,46,800 as against Rs. 181 crores in the preceding year.

During the year 72 persons lost their lives due to burns of which 28 were males and 44 were females.

139 persons received minor injuries and 27 persons lost their lives in 376 incidents of house collapses during the year.

The approximate quantity of water used in extinguishing fires was 8,85,66,132 litres out of which 8,85,16,132 litres were drawn from Municipal mains and the rest from the sea, wells, ponds, etc.

The total number of calls for Ambulance Service within the limits of Greater Bombay received during the year was 4,109 of which 973 were for accidents, 262 for maternity cases, 1,872 for hire cases and 2 for free poor cases.

First-Aid was rendered by the Ambulance staff on 7 occasions as against 56 occasions in the previous year.

The annual maintenance cost of the Fire Brigade Department including the ambulance service but excluding the Supervision Charges and Provident Fund, Pension and Proportion of General Supervision and Revenue and Debt. Charges, etc., was Rs. 7,89,070.17.

PUBLIC GARDENS

28. During the year under report, the Department maintained 322 sites for public recreation, including 200 gardens, 64 playgrounds/open spaces of various sizes, 25 gardens attached to Municipal buildings, 22 fountains, 8 band stands, 33 traffic island gardens, 8 statues and 3 box hedges in the City, Suburbs and the Extended Suburbs.

Botanical specimens were supplied to the colleges and institutions free of charge and facilities were given to the batches of students from various colleges, schools and institutions, for study in the garden.

Three thousand two hundred and seven plants were distributed free of cost to Co-op. Housing Societies, Public Trust Schools, Colleges and Public Institutions, for planting as part of "Grow more tree" campaign.

As far as the Zoo at the Veermata Jijabai Bhonsle Udyan is concerned, the recently constructed snake park remained the attraction to the visitors throughout the year. The herd of the beautiful Chitals also becomes the delight to watch to the visitors. Some animals, e.g., Indian Elephant, Porcupine, Chinkaras, etc., were also received by way of donation.

There were 215 animals, 586 birds and 121 reptiles at a display in the Zoo.

The newly developed gardens, e.g., Lal Bahadur Shastri Udyan, Werli and Wadawali Circle Garden, at Chembur, have become new attraction of Bombay City. S. K. Patil Udyan, Durgadevi Udyan and Hanging Gardens are the major attractions for the local as well as foreign visitors. Sitaram Shenoy Garden is one of the newly renovated gardens in Dongri area.

Central hedges were maintained in Netaji Subhash Road, Hornby Vellard and Andheri Bridge. The ornamental railings, modern play apparatus, lights, mosaic seats, pathways, were provided in many gardens and playgrounds in the City, Suburbs and Extended Suburbs.

VICTORIA AND ALBERT MUSEUM

29. The total number of visitors during the year was 7,85,109 as against 8,17,179 during the preceding year.

Two metal casts of 'Hona', the gold Coin issued by Chhatrapati Shivaji Maharaj on the occasion of coronation ceremony, were purchased for the Museum during the year.

The amount realised by the levy of admission fee was Rs. 22,299.35 as against Rs. 21,615.65 in the preceding year. The total expenditure on the maintenance of the Museum, during the year, was Rs. 46,474.00 as against Rs. 88,912.00, during the preceding year. The Standing Committee notes with dismay the financial position of the Museum and feels that unless its revenues are augmented from sources other than by raising entrance fees, the Museum will fall on hard days.

MUNICIPAL FREE READING ROOMS AND LIBRARIES

30. As per Corporation Resolution No. 2256, dated the 18th March 1971, 22 Municipal Free Reading Rooms and Libraries, out of 28 in Greater Bombay, were managed by the Mumbai Marathi Grantha Sangrahalaya. One more Free Reading Room and Library was opened, at Kandivali, during the year and handed over to the Mumbai Marathi Grantha Sangrahalaya, for management, as per C. R. No. 261, dated the 7th July 1975. The Library, at Lower Parel, was closed, during the year, as the building is to be newly constructed. The total number of new books purchased in Libraries in the City and Suburbs was 244 and 169, respectively, during the year under review and the number of visitors to the Reading Rooms and Libraries in the respective areas was 72,063, and 14,227 as against 79,195 in the City and 14,801 in the Suburbs, during the preceding year, which indicate a fall in number in the City as well as in the Suburbs. The income from the Libraries and Reading Rooms in the City, Suburbs and Extended Suburbs stood at Rs. 10,819; 1,844 and Rs. 1,440, respectively.

CENTRAL STORES

31. The work done by this Department includes invitation of tenders, award of contracts, placing of purchase orders, etc.

Tenders were invited for the purchase of stores, during the year under report, in 438 cases as against 322, in the previous year and the number of contracts entered into for the various scheduled articles was 316 as against 406, in the preceding year.

3,828 orders for the purchase of stores against 1,872, in the preceding, year were placed with contractors and other dealers. Against these purchases and stock on hand, about 77,765 indents from the consuming Departments were complied with and 3,537 sales memo were preferred for materials supplied to Municipal Contractors against Department authorization.

Scrap and obsolete articles, amounting to Rs. 10,093.30 were also disposed of by sale, during the year under report. At the close of the year, the department had, on hand, like the previous year, stores of the value of Rs. 1,68,42,405.34.

For the maintenance of the Central Stores, total expenditure of about Rs. 8,74,803.00 was incurred and an amount of Rs. 1,15,482.46 was realised by the sale of tender form., remittance, legal charges, forfeiture of the tender deposits, etc., during the year under report.

LICENCE DEPARTMENT

32. The Licence Department functions in four wings, viz., (1) Licence Section, (2) Encroachment Section, (3) Stall Board, etc., Projection Section and (4) Advertisement Section and deals with Sections 394, 393, 313, 313A, 313B, 314, 328 and 328A of the Bombay Municipal Corporation Act.

During the year, the amount collected by way of licence fees, permit fees and transfer fees was Rs. 51,02,098.

From the permits issued for exhibiting sky signs, advertisements, etc., the total revenue realised was Rs. 18.35 lakhs in the City, Rs. 3.17 lakhs in the Suburbs and Rs. 0.56 lakh in the Extended Suburbs, the corresponding figures for the last year being Rs. 18.43 lakhs in the City, Rs. 2.97 lakhs in the Suburbs and Rs. 0.61 lakh in the Extended Suburbs.

The Department instituted 3,921 cases in the City, 1,653 cases in the Suburbs and 976 cases in the Extended Suburbs for offences, under Sections 328 and 394 of the Bombay Municipal Corporation Act. The total amount of fines inflicted was Rs. 3,13,610 in the City, Rs. 1,23,090 in the Suburbs and Rs. 87,295 in the Extended Suburbs.

The number of squatters and hawkers licences issued were 14,389 in the City, 11,359 in the Suburbs and 525 in the Extended Suburbs. The amount realised therefrom was Rs. 16,82,876 for the City, Rs. 5,13,001 for the Suburbs and Rs. 1,98,088 for the Extended Suburbs, respectively.

During the year under report, 1,660 auction sales of the articles seized by the encroachment removal staff but not redeemed by the parties were held, out of which 32 were in respect of non-perishable goods and 1,628 in respect of perishable goods and an amount of Rs. 12,706 was realised as against Rs. 14,167 last year.

With a view to co-ordinate the encroachment removal work, the Asstt. Superintendent of licences has been put in overall charge of encroachment Section, since December 1972.

The Standing Committee feels that drastic steps should be taken to minimise nuisance from unauthorised hawkers and squatters, wherever such a nuisance is noticed.

Mobile Courts of Presidency Magistrates, functioning since February 1973, continued conducting cases under the provision of Municipal Act, till 30th September 1974. In response to the views of the Corporation expressed vide C.R. No. 485, dated the 12th September 1974, the Municipal staff posted on Mobile Courts for detecting the cases of violation of provisions of Municipal Act and for filing prosecutions against the defaulters was withdrawn with effect from 1st October 1974.

This Department celebrated Corporation Centenary Day on 4th September 1974, in co-operation with Conservancy Department & M. C. A.'s Department.

SHOPS AND ESTABLISHMENTS

33. The total number of establishments under the various categories including theatres, etc., on 31st March 1975, was 1,17,241 in the City, 39,536 in the Suburbs and 19,037 in the Extended Suburbs as against 1,10,688 in the City, 34,157 in the Suburbs and 18,094 in the Extended Suburbs, during the previous year.

During the year under report, 730, 216 and 85 complaints, respectively, pertaining to City, Suburbs and Extended Suburbs, were received in addition to complaints pending from the preceding year, out of which 759, 212 and 84 were investigated, leaving 11, 19 and 15 complaints pending, at the close of the year.

At the beginning of the year, 4,383; 1,311 and 233 prosecutions were pending while 5,218; 1,653 and 1,531 new prosecutions were instituted during the year. Of these prosecutions, 4,363, 1,444 and 1,209 resulted in convictions, 1, 1 and nil in acquittals and 26 and 45 were withdrawn. The number of cases pending, at the end of the year, was 5224, 1,493 and 510. The total amount of fines realised was Rs. 1,51,140, Rs. 48,591 and Rs. 41,480 as against Rs. 1,27,085, Rs. 33,880 and Rs. 21,290, in the previous year.

The total expenditure incurred in the administration of the Shops and Establishments Act and the Payment of Wages Act, 1936, during the year under report, was Rs. 7,94,504.73, Rs. 2,16,274.71 and Rs. 1,23,118.83 for the City, Suburbs and Extended Suburbs (exclusive of Provident Fund, Leave Contributions and Supervision Charge.), against which a grant-in-aid of Rs. 3,10,784 was received from Government for the year 1974-75 for meeting part of the expenditure incurred during the year 1973-74. The total income by way of Registration fees, etc., for the year, amounted to Rs. 4,95,410.97, Rs. 1,27,290.00, Rs. 68,042.95 for the City, Suburbs and Extended Suburbs, respectively.

112 complaints, pertaining to the Payment of Wages Act, 1936 in the City, 22 for the Suburbs and 6 for the Extended Suburbs were received. 9 complaints in respect of City, 2 complaints, in respect of Suburbs were pending disposal, at the close of the year under report. There were no complaints so far as Extended Suburbs was concerned.

Renewal of Registration Certificates, under the Bombay Shops and Establishment Act, 1948, was done as usual during the November and December 1974.

Under the Beat Scheme which has been restricted to City limits only, with effect from 1st October 1974, the Inspectors of City Wards are now required to attend to the work of Licence Department and Factory Department as well as of the Shops and Establishments Department.

MARKETS AND SLAUGHTER HOUSES

34. The total income of the Department for the City, Suburbs and Extended Suburbs, during the year, was Rs. 93.89 lakhs as against Rs. 94.51 lakhs in the previous year showing a decrease of Rs. 61,417.

During the year, there were 67 Municipal and 20 private markets. The number of outside meat shops was 224 in the City, 301 in Suburbs and 109 in Extended Suburbs. The licence fees realised from private markets and outside meat shops, including the licences issued to the parties were, respectively, Rs. 84,428 and Rs. 35,725 in the City. The total fees collected at the scale shed, Mahatma Jyotiba Phule Market, amounted to Rs. 16,37,892, as against Rs. 15,79,700 during the previous year.

Surprise raids to detect the smuggling of animals and also the import and sale of contraband meat and unauthorised slaughter as also insanitation and congestion in markets were carried out, during the year. During the year, 60,990 kgs. of contraband meat was seized and destroyed. The fine imposed amounted to Rs. 99,588.

Immunisations of cattles and dogs is being done by a Board of veterinary staff. During the year, 156 dogs and 35,381 milch cattles were immunised. The work was carried in 10 centres.

The Standing Committee feels that more marketing facilities should be provided to meet the increasing population in Greater Bombay and that more attention should be paid to the working of Municipal Markets to ensure adequate money return from the Civic activity which has proved to be quite profitable in the private sector.

MUNICIPAL PRINTING PRESS

35. During the year under report, 609½ metric tons of paper was purchased. The total number of printing jobs carried out was 10,317 and the number of pages printed was 53,455 as against 52,414 in the preceding year. The total quantity of paper consumed, during the year under report, was 506½ metric tons as against 451½ and 485½ metric tons in the previous two years.

The transactions of the Press, for the year, closed with a working surplus of Rs. 13,42,673 on the total turnover of Rs. 70,44,964 as against the surplus of Rs. 3,10,245.00 (1972-73) and surplus of Rs. 6,00,482.00 (1973-74), on the turnover of Rs. 41.64 lakhs and Rs. 49.03 lakhs, respectively, for the previous two years. The labour staff, as on 28th February 1975, consisted of 345 workers as against 348 on the 28th February 1973 and 341 workers on the 28th February 1974.

14. Apprentices as per Apprentices Act, 1961, as on 28th February 1975, were there as against 21 as on 28th February 1974.

The Press is working in two shifts and the Press labour relations were cordial as their grievances were redressed on the spot, wherever practicable.

The Standing Committee wish to reiterate that inordinate delay in printing of the Proceedings of the Corporation and its various Committees inspite of the assurances given by the Commissioner to supply the printed proceedings in time to the Members still continues. The Standing Committee feel that in order that the printing of Agendas, Proceedings, etc., should not suffer, a separate wing of the Press be established, preferably at the Municipal Head Office, only for the jobs of the Municipal Secretary's Department, in addition to the extension of the existing building of the Press for bigger accommodation. The Standing Committee is also of the opinion that strict supervision is necessary for efficient working of the Press and defects in its working should be eliminated.

K. E. M. Hospital

36. The scheduled bed strength of the Hospital, during the year, was 1,450. Through out the year, there was constant overcrowding in the Hospital as usual, particularly in the Children Wards and the Medical and Surgical Wards for females. The total number of

in-patients admitted during the year was 58,067 as against 56,317 during the preceding years. The average number of days each patient resident was 10.7 days as against 11 days in the last year. The average cost per in-patient per day was Rs. 33.64 as against Rs. 29.04 in the previous year.

The total number of new out-patients treated was 3,76,090, as against 3,73,902, in the previous year. The out-patients attendance (New and Old) including casualty patients, during the year, came to 8,35,951, bringing the average total attendance to 2,740 per day. 28,451 operations were performed on in-patients and 67,559 operations were performed on out-patients.

The total expenditure incurred, during the year, for the maintenance of the Hospital including liabilities at the end of the year but exclusive of the cost of extension scheme, was Rs. 234.96 lacs, approximately, as against R. 223.10 lacs, in the previous year.

Seth G. S. Medical College

37. These institutions completed 50 years having been started in the year 1925. As the formal inauguration was held on 22nd January 1975, it was decided to spread over the Golden Jubilee Celebrations for the entire period of 1 year from 22nd January 1975 to 22nd January 1976. The inaugural ceremony was held on 22nd and 23rd January 1975.

The Institution received the award for outstanding performance in Family Planning.

A new institution named the E. C. I. Institute of Electro Physiology for Fundamental and Applied Research was inaugurated in November 1974.

During the year under report, 171 admissions were made. There were 1,532 students on the roll out of which 65 were overseas students.

There are three Hostels attached to the Seth G. S. Medical College. Male Students, Hostel has 148 rooms and Ladies/Hostel has 36 rooms and Male Students' Hostel, situated at Naigaum, has 56 room. All the rooms were fully occupied, during the year 1974-75. Amenities like T. V., etc., were provided at the students/hostels.

The different departments of the College and the Hospital, in addition to their normal teaching and departmental works, conducted various researches under the auspices of the Indian Council of Medical Research, the National Institute of Health, U. S. A., the K. E. M. Hospital and Seth G. S. Medical College Staff Research Society and through the help of some pharmaceutical firms, etc.

The progress of other activities, like Library, Museum, Gymkhana, etc., was satisfactory. During the year under report, 621 books were added to the library.

Seth A. J. B. Municipal E. N. T. Hospital

38. The Hospital has a provision for 100 beds. The total number of patients admitted in the Hospital, during the year, including those brought over from the previous year was 5,665 out of which 5,537 were discharged, 20 were unchanged, 15 left against medical advice and 11 died, leaving 82 patients under treatment in the Hospital, at the close of the year. The daily average attendance of out-patients was 377.

In all 5,164 operations were performed on in-patients during the year.

An amount of Rs. 20,065.25 was collected in the Poor Box Charity Fund.

The Municipal E. N. T. Hospital was started in December 1962, at the Improvement Trust Building, which is renamed as "Seth Atmasingh Jassasingh Bankebihari Municipal E.N.T. Hospital."

Bai Yamunabai L. Nair Charitable Hospital

39. The Hospital has an accommodation of 713 beds fully occupied throughout the year. During the year, daily number of in-patients on an average was 879.01 in the Hospital as against the scheduled bed strength of 713. The total number of patients admitted during the year was 35,792 as against 38,124 in the previous year. The average cost per day per inpatient was Rs. 35.52 as against Rs. 29.14, during the previous year.

The total number of out-patients treated was 8,48,014 as against 11,40,480, during the previous year and the number of out-patients' attendance per day was 2,780.37 as against 3,739.28 of the previous year.

Dr. Bhajekar Hospital

The Bombay Municipal Corporation Dr. Bhajekar Hospital at Khetwadi, continued to be under the supervision of the Dean, B. Y. L. Nair Charitable Hospital.

During the year 6,883 new cases were examined and 1,219 patients were admitted for in-door treatment. 967 operations were performed during the year.

Topiwala National Medical College

40. The College had 681 undergraduate students on the roll, at the close of the year, out of whom 186 were lady students. Besides, there were 278 post-graduate students including 100 lady students. 116 students including 34 lady students were registered for Diploma Courses of the College of Physicians and Surgeons of Bombay.

The total expenditure incurred on the maintenance of the College amounted to Rs. 39.30 lakhs as against Rs. 23.92 lakhs, during the previous year. The total income by way of tuition fees, miscellaneous, etc., receipts amounted to Rs. 3.49 lakhs as against Rs. 3.32 lakhs, during the last year.

The total number of books added to the Library, during the year, was 798, out of which 143 were received by way of donations. The Library had, at the end of the year, 20,756 books as against 20,011 in the previous year and 9,650 bound volumes of periodicals as against 7,690 of the previous year.

Nair Hospital Dental College

41. During the year 1974-75, 62 students including 13 girls passed the Final B. D. S. and passed M.D.S. Examination of the Bombay University from the College. The College has 123 Dental Chairs, 101 Dental Units, 120 Bench Type Engines and 4 Dental X-Ray Units and other equipments to give dental treatment on most modern lines and also to facilitate teaching of dentistry. During the year, 1,10,358 patients were treated which included 51,651 males, 33,256 females as against 1,02,811, during the previous year, including 25,451 municipal school children. The total expenditure incurred was Rs. 19,50,240 as against Rs. 14,85,476, in the preceding year and the total revenue was Rs. 1,62,676 as against Rs. 1,63,506.50, during the preceding year.

585 complete sets of the upper and lower artificial teeth, 304 partial sets of teeth and repairs to 157 sets of teeth were given free to poor deserving patients from the Poor Box Fund.

The total collection of the poor Box fund was Rs. 17,762. 14,189 Municipal School Children were treated in the Children's clinic, during the year.

Lokmanya Tilak Municipal General Hospital, Sion and Annapurnabai Deshmukh Hospital for Women and the Lokmanya Tilak Municipal Medical College, Sion.

42. The Hospital completed 27 years of its existence, during the year under report. The bed accommodation of the Hospital was 537.

Lokmanya Tilak Municipal Medical College completed 9 years of its existence, during the year under report. Its affiliation to the University of Bombay has been extended upto June 1975 and Local Enquiry Company of Bombay University has recommended this College for a permanent affiliation, beyond June 1975.

The Medical Council of India has recognised this College for a ward of M.B.B.S. degrees of the University of Bombay, in May 1974 and British Medical Council have also decided to recognise the degrees of M.B.B.S. given to the students of this College, after permanent affiliation.

46,616 patients were admitted for indoor treatment, during the year, as against 40,541, during the preceding year. The daily average number of in-patients was 933 as against 905, in the preceding year. The average number of days each patient was resident was 7.3 against 7.1 in the preceding year.

The total average cost per day per in-patient was Rs. 46.87 as against Rs. 32.14 in the preceding year.

The total number of new out-patients was 2,67,708 with a daily average of 877 as against 2,56,503 and 841, respectively, in the preceding year.

The Paying Bed Scheme which started from 1st September 1951 worked satisfactorily. The number of patients admitted in the General and Special rooms, during the year, was 1,042 as against 1,032 during the preceding year.

Audiology and Speech Therapy Department started from January 1970 gave satisfactory treatment to 1,030 patients as against 1,128 during the preceding year.

This Department needs a new sound proof room for the purpose of audiometry.

The Flying Maternity Squad donated by the Indian Red Cross Society to the Corporation, from 11th October 1971, is rendering valuable services to the female patients in difficult labour cases and its service is kept open round the clock. The Squad attended 36 calls, during the year under report.

The approximate total expenditure of the Hospital, during the year under report was Rs. 1,48,33,512.00 as against Rs. 121 lakhs in the preceding year.

The total expenditure of the College amounted to Rs. 5,58,261.00 The revenue of the College by way of tuition fees and miscellaneous receipts, etc., amounted to Rs. 1,46,283.00 as against Rs. 1,34,019.00 for the previous year.

A hand injury follow up clinic has been started from 22nd January 1974.

An Intensive Coronary care unit has been started from 16th March 1974.

An Emergency Ward has been started from 19th November 1974.

A Mobile Accident Service Van, donated by Messrs. India Tobacco Co. Ltd., through Bombay Pradesh Congress Committee, is attached to the Emergency Ward, which is rendering a valuable service.

A Special Laboratory has been set up to work round the clock for the traumatic emergency service in the Pathology Department.

Group of T. B. Hospitals, Sewri

43. The total number of beds for T. B. patients at the Corporation's disposal was 2,118, viz., Group of T. B. Hospitals, Sewri 830, Isolation Centre attached to the Ramkunjwar Daftary T. B. Clinic, Dadar 88, and Sarvodaya Hospital, Ghatkopar, 1200, reserved for the Corporation. The total number of patients treated was 7,783 as against 6,647, during the previous year. Of these, 5,771 were discharged as improved, 49 were non-Tuberculosis cases, 514 left prematurely against advice, 690 died and 759 remained under treatment at the close of the year. Mortality figures revealed high incidence in the age group of 31-35 years. The ratio of death percentage of the total number of patients treated was 9.8 per cent. Major lung operations were performed in 437 cases.

As many as 2,920 patients attended the follow-up examination after discharge from the Hospitals, during the year.

The total expenditure on Group of T. B. Hospitals, Sewri, was Rs. 69,61,277, during the previous year. The average expenditure per patient per day was Rs. 23.53 as against Rs. 20.70, in the previous year. The expenditure on diet per patient per day was Rs. 4.87.

The expenditure incurred, during the year, by the Corporation for treatment, etc., at the Sarvodaya Hospital, Ghatkopar, was Rs. 47,44,669 as against Rs. 41,52,600, for the previous year. The expenditure incurred by the Corporation on the 4 T. B. Clinics, attached to G. T. B. Hospitals, was Rs. 12,37,870. The total expenditure, thus incurred by the Corporation on Tuberculosis Services, amounted to Rs. 1,29,43,835.

Poor Box Collection including fees for issue of Medical certificates was Rs. 30,497. This collection is utilised for the benefit of the poor and needy patients and incidental expenses in consequence.

Legal Department

44. During the year under report, the Department continued to attend to contest matters and other legal proceedings in the Supreme Court, the High Court, the City Civil Court, the Small Causes Court, the Police Courts, Labour and Industrial Courts and Municipal Inquiry Court, as also to other legal matters. During the year, the Department received 25,731 references from the Departments or outside parties as against 26,154 during the preceding year.

The Standing Committee notes with regret the failure of the Department to comply with its desire expressed last year for showing the work pending at the close of the year and reiterates that besides showing the work attended to by the department, during the pertinent year, the department should also show the work that remained pending at the close of the year with reasons therefor without fail.

Education

45. At the close of the year, there were 5,29,337 pupils in 1,023 Schools and 88 classes in Greater Bombay, the number in the City being 2,39,922 pupils in 500 Schools and 44 classes, in the Suburbs 2,03,301 pupils in 363 Schools and 31 classes in the Extended Suburbs, 86,114 pupils in 160 Schools and 13 classes. During the year, there was a net increase of 12,057 pupils in Municipal Schools. The total number of teachers in Greater Bombay, at the end of the year was 15,273 including special teachers.

With a view to avoiding over-crowding in classes and to facilitate proper attention to pupils, it was laid down that ordinarily a class should not have more than 50 pupils. In schools, housed in hired residential buildings, over-crowding on account of inadequate space was an impediment in the way of efficient teaching. Out of 1,111 schools and classes, about 675 schools and classes were required to be run in two sessions and more than two sessions for want of sufficient accommodation. However, a programme of construction of new Municipal owned school buildings was required to be restricted, during the course of the year under review, on account of paucity of funds.

The number of Municipal owned buildings at the close of the year, in Greater Bombay, was 245. 10 schools were built and extension to 7 school buildings was carried out and 24 buildings were under construction, during the year under report.

682 schools (including classes) were housed in Municipal owned school buildings. 395 schools including classes were housed in rented buildings and 34 schools including classes were housed in rent-free buildings.

The Standing Committee re-iterate the opinion expressed by them earlier that the sites which have been reserved for schools under the Development Plan and which are in possession be developed by giving them priority and efforts be also made to acquire more and more sites and to construct more buildings on vacant plots so reserved.

Rahimtulla Currimbhoy Municipal Urdu Teacher's Junior College of Education, Imamwada

During the year under report, there were 80 trainees for D. Ed. First year Course and 96 trainees for D. Ed. Second year Course. All 96 trainees sent up for the second year D. Ed. Examination, held in April 1974, have passed the examination.

This year, 96 trainees of D. Ed. second year and 80 trainees of D. Ed. First year classes have been sent up for examinations.

Municipal Urdu Teacher's Junior College of Education, Mahim

During the year under report, there were 40 trainees in the D. Ed. First year and 21 in D. Ed. Second year (Urdu Medium).

The teaching staff included one Principal, one full time Instructor, four part time Instructors for teaching Science, Mathematics, Urdu, Geography, History, Hindi, Physical Education and three special teachers for teaching work experience, Music and Drawing.

The Educational Guidance Centre continued to function. The Centre undertook the extra-curricular activities, such as, Guidance, Conference, Career Information Centre, at each Ward. As desired by the Chairman, Education Committee, lectures on various important careers were arranged in Secondary Schools in all Wards.

This year, out of 61 trainees, 60 appeared at D. Ed. First year and Second year examinations, held in 1975.

About 5,000 Teachers took advantage of the three Teaching Aid Centres and prepared various teaching aids on different subjects.

More than 2,500 aids were prepared at each Centre. It helped in preparing exhibits for Exhibition on "Education in India" organised during the World Education Fellowship International Conference, held at Birla Kreedra Kendra.

Medical Inspection of School Children

In all 1,52,064 pupils from the Municipal Schools both Primary and Secondary, were medically examined, out of whom 1,26,110 were found to be suffering from one defect or the other. During the year under review, 71,879 new and old cases were treated at the Clinics. Suspected cases of Tuberculosis and Leprosy were directed to Special Clinics for investigation and treatment and were not allowed to attend schools if found infectious. All Municipal Schools have been supplied with emergency outfit (First Aid Medicines).

The total number of Aided Schools in Greater Bombay during the year was 281, out of which 136 were in the City, 91 in the Suburbs and 54 in the Extended Suburbs. The total number of teachers in Aided Schools was 2,542 (2,210 ordinary and 332 special) imparting education to 93,381 pupils.

Expenditure

The total expenditure for the year amounted to Rs. 12,36,88,868.

Secondary Schools

During the year under report, there were 49 secondary schools and the teaching staff was 2,314. The total number of pupils attending the schools was 68,053.

The Municipal Secondary Schools are governed by the Secondary Schools code of the State Government of Maharashtra. The Government is giving 99 per cent. grant for conducting the Secondary Schools of Corporation.

New Course of Syllabus prescribed by the State Government is followed in the Municipal Secondary Schools. Vocational guidance on different topics is given to the students in secondary classes by the Vocational Guidance Officer.

Research Unit

46. The Research Unit carried out special experiments in selected schools on several Primary Education problems, such as, "Ungraded Unit" study with the follow up of the children from the parallel classes, "Bombay Schools Science Improvement Study", etc., projects. Pre-service Training Classes for primary teachers to be recruited were conducted during the year and training was given to about 100 teachers of different languages. Full-time Service Training Classes for the Municipal Primary Teachers were conducted and guidance was given to about 750 teachers.

The Graded Assignments in Languages and Arithmetic for Std. IV have been prepared and are ready for distribution.

Special Classes for Mentally-Retarded Children

The Corporation has started Lions Juhu Centre for mentally retarded children in collaboration with Gujarat Research Society and Lions Juhu and there were 99 pupils on roll during the year 1974-75. The education is imparted through Marathi, Gujarathi, Hindi and English by trained and experienced Staff. The pupils are taught vocational subjects for which special machinery is provided. During the year under review, arrangement is also made for development of gardening and such other recreational activities in the schools through which the pupils can develop their mental growth. In addition to the Lions Juhu Centre School, at Khar, there are two schools and three Special classes for mutally retarded children in different wards.

Extra Curricular Activities

Several functions, such as, Sharad Utsav, 6 centres of cultural programmes, 7 Divisionwise competitions, 6 school hall programmes, 1 Central Function and 1 Final Dramatics were arranged, during the year under report. School Anniversaries, Independence Day and Republic Day were celebrated in a number of schools for which special invitations were given to the parents, so as to bring them into close contact with schools. Educational seminars were conducted in which Municipal Teachers in all beats participated. Educational Seminars were also organised. Vacation Libraries were conducted at 52 centres for the benefit of the children.

School Feeding Programme

The supply of double-toned pasteurised milk to the Municipal School children of Greater Bombay, under MCGB-CARE, has come to an end from 13th March 1974, since the CARE has stopped the supply of milk powder and the Government Dairies were not in a position to supply any type of milk in the absence of this programme.

During the year under review, snacks in the form of biscuits, buns and peanuts (Groundnuts) were supplied to the Municipal School Children of Greater Bombay from Std. I to IV.

About 90,000 children got 15 to 16 mg. of biscuits for about 35 days, 1,60,000 children were catered with peanuts for about 175 days. 80,000 children were supplied buns, for about 150 days. The wheat, flour, etc., were supplied by the CARE.

LABOUR DEPARTMENT

47. During the year, 33 recognised Trade Unions represented Municipal employees with a view to promote cordial relations between the staff and the Administration. The total number of Joint Councils representing Labour, Subordinate, Executive and Nursing staff which continued to function was 24, their scope being wide enough to permit discussions on various matters relating to grievances and conditions of service of the staff. of

four-stage grievance procedure was continued in all Departments for redressal of the grievances of the employees. Four new Unions were recognised during the year under report, viz., (1) Municipal Kamgar Sabha (Shikshan Vibhag) (2) Municipal Prathamik Gujarathi Shikshak Sangh; (3) The Association of Hon. Medical Officers of K. E. M. Hospital and (4) Mahapalika Madhaymik Shikshak Sangh.

The Department dealt with 18,942 complaints as against 18,996 in the previous year, regarding service condition, recruitments, promotions, transfers, etc.

The recreational, educational, hygienic, cultural and social activities, indoor as well as outdoor, organised by the Welfare Branch of the Department, for the benefit of Municipal workers and their dependents, were continued. The average daily attendance of adults and children at the Welfare Centres was 2,735 and 2,980, respectively, as against 2,620 and 2,800, during the preceding year.

Inter-ward and Inter-departmental Dramatic competitions were held, during the year under report, at Birla Kreedha Kendra, from 16th January to 12th February 1975. 14 Welfare Centres participated in the competitions.

Under the scheme for granting scholarships to the children of Municipal employees, 730 applications were received and 297 scholarships were granted to applicants for higher education and 277 for secondary education. The total amount given by way of scholarships to the municipal employees was Rs. 59,370. Likewise, applications were received for medical assistance and 116 employees were given Rs. 12,635 aid. The total strength in Scout and Guide Sections was 4,010, during the year. During the year, excursion for the Nursing Staff was organised, at Allahabad and Banaras and 48 Nurses participated in the Excursion. 3 Nurseries were conducted and nearly 120 children of the Municipal employees had taken advantage of the same.

An Orientation Seminar of the Welfare Workers was organised, during the year, at K. E. M. Hospital Welfare Centre, with the assistance of the Tata Institute of Social Science.

Publicity Department

48. The Department participated in various important celebrations, such as, World Health Day, National Cleanliness Day, World Leprosy Day, Social Education Week, Sharad Utsav, Family Planning Fortnight, Grow More Trees Campaign, Fire Services Day and also in various Health Drives and exhibitions organised by the Lions Clubs, Bombay Civic Trust, Citizens Welfare League, Bhagini Samaj, Consumers' Guidance Society and such other Social Welfare Organizations, etc. and published a Civic Guide-cum-Diary, 1975, containing useful information on Civic affairs and other publications are also included like "Know your Ward", etc., in English, Marathi and Gujarati. Three new posters on Diphtheria, Polio Myelitis and Small Pox were also brought out.

For the World Education Fellowship International Conference, held from 26th December 1974 to 4th January 1975, necessary publicity was arranged in addition to holding the press conference. Similar publicity programme was arranged in connection with the Golden Jubilee year arranged by G. S. Medical College and K.E.M. Hospital as well as Vasant Mahotsav. Necessary co-operation was also extended for the activities, campaigns, etc., carried out by the Citizens Committee for Clean Bombay Campaign. Necessary assistance was also given to departments holding various official functions and public meetings connected with civic matters.

It also carried out health education work and dissemination, of information to the public through various media under the Sister City Relationship established between Bombay and Los Angeles. A goodwill delegation comprising of 23 members from Los Angeles was on 5 days visit to the City as a guest of the Corporation and the three member Delegation from the Leningrad City Soviet which was also on a five day visit to the City, as guest of the Corporation. An elaborate programme of visits to Civic Institutions and installations, sight seeing, cultural programme, etc., was drawn out for the delegation and was seen through. All arrangements regarding stay, Transport, etc., was made in connection with the Meeting of the All India Council of Mayors, held in Bombay on 21st March 1975.

In connection with the Centenary Celebrations of the Corporation, which was held during the year under report and for which a central function was held at the Municipal Head Office on 4th September 1973, extensive publicity programme was arranged by the Department through Press, All India Radio, T. V. and Films Division.

In celebration of the Tri-Centenary of the Coronation of Shri Chatrapati Shivaji Maharaj a large scale exhibition on the life of Shri Shivaji Maharaj entitled "Shiv Srusti" was held, at Shivaji Park by Shiv Pratishthan Trust, Satara. This Department and the Education Department participated in this Exhibition by putting up displays on Bombay's Water Supply and the early life of Shivaji Maharaj. The work of collecting donations for the National Flag day was also carried out.

MUNICIPAL SWIMMING POOLS

M.G.M.O. Swimming Pool

49. During the year under report, revenue from private reservations was Rs. 14,380 and the total reservation hours were 822. Free swimming facilities were provided to the blind persons by granting reservation of the Pool for two hours in a week. 50 per cent. concession in fees to the school going children was granted, during the year under report. As many as 37,374 casual swimmers including labourers and factory workers availed of the facilities of swimming. 11 members of the Pool participated in the Maharashtra State Aquatic Association's team for participating in the National Aquatic Championship, held at Calcutta, in October 1974.

2,400 members joined the Pool during the year under report and 2,175 beginners were trained during the year. An amount of Rs. 1,99,980, was collected by way of fees as against Rs. 2,29,500, during the previous year. The expenditure, during the year, was Rs. 1,89,523.

Sardar Vallabhabhai Patel Swimming Pool, Kandivli

2,344 new members joined the pool. 1,388 beginners were trained in swimming. Seven educational institutions availed of the Swimming facility at concessional rate. The collection of fees during the year was Rs. 1,19,880 as against Rs. 87,024 for the previous year and the total expenditure, during the year, was Rs. 1,15,000.

Ghatkopar Lion Municipal Swimming Pool, Ghatkopar

2,685 new members joined the Pool. 1,659 beginners were trained in swimming. Five educational institutions were allowed to have swimming facility at the Pool at concessional rate. The collection of fees, during the year, was Rs. 1,29,562 as against Rs. 1,04,189, during the previous year and an expenditure of Rs. 1,02,323 was incurred.

The Standing Committee feels that looking to the population of Greater Bombay and the demand for swimming pools, the existing number of 3 Swimming Pools is quite inadequate and more Swimming Pools should be constructed.

Administrative Officer (Enquiries) Department

50. The Department functions in two Sections; viz., (1) Enquiries; and (2) Stock Verification.

994 cases of misconduct and breach of rules, etc., were dealt with during the year as against 806 cases in the previous year. In 114 cases, punishments varying from dismissal, removal from service to censures and warnings were meted out to 182 employees.

The distribution of relief grants from the Mayor's Fund to the families affected by fires, house collapses and other natural calamities was carried out by the Stock Verification Section in addition to their normal work.

This Section also helped the Enquiries Section in keeping a watch at different places and times for detection of malpractices and investigation work, such as, scrutiny of voluminous records in specific cases.

The Bombay Civic Journal

51. Shri K. T. Pandit, M.A., continued to work as Editor, Bombay Civic Journal, in addition to being the P. R. O., during the year under report.

The Journal publishes articles on matters of civic importance during the year under report. The detailed account of the Conference of 17th World Education Fellowship International Conference was given in the Journal together with a pictorial feature. Special articles on the "Citizen and the Civic Government" were also published in the Diwali journal. The Standing Committee, however, feels that the Journal can be made more attractive and more informative than at present.

The other issues contained publicity of the different projects undertaken by the Administration, two-day seminar on Effective Role of Deliberative wing in Urban Government and Human Environment in Metropolitan areas, Golden Jubilee of K. E. M. Hospital, Civic Reception to the President of India, visit of three member delegation of Leningrad City, Meeting of All India Mayor's Council in Bombay, etc. and other selected subjects of Civic importance.

A new series entitled "सुबईचे ऐतिहासिक दर्शन" was introduced in Marathi section of the Journal.

Organisation and Methods Division

52. The Organization and Methods Division works as an Advisory unit of the Municipal Commissioner's Office. The work done by this Department includes *inter-alia* standardization of forms and registers, operation of suggestion scheme, re-arrangement of Municipal Records and scrutiny of proposals from various departments like Birla Kreedha Kendra, M. G. M. O. Swimming Pool, etc., examination of some case of Method Study, Recruitment, scrutiny of the proposals for the purchase of furniture and Weekly Abstracts, etc.

The Division arranges various training classes for imparting training classes in marathi and in service training classes. Besides, the Division also takes steps to accelerate introduction of marathi in the day to day municipal administration.

Productivity Cell

53. The Productivity Cell established in the year 1948, comprising of specially trained personnel in the fields of 'Industrial Engineerings' and 'Management Techniques' is charged with the task of suggesting ways and means of stepping up efficiency by cutting down waste. An Executive Engineer was in-charge of the Cell during the year 1974-75.

Some of the training programmes which were carried out were, Induction Training Courses, Supervisory Training Courses and Organising "Training for Trainers" Course for the staff of the Water Supply and Sewerage Department. Training Classes were conducted for Beat Inspectors in City Engineer's Department for Water Project Engineer's of P. wai Office and the staff associated with the Pilot Project, Sion Hospital.

The centralised technical Library which has been established to have better co-ordinated effort to disseminate literature and to have an effective control over the purchase and issue of books has been further developed by additions of new technical books and new memberships.

Some of the major Projects carried out or under preparation are:—Standardisation of labour gangs and work norms for Building Repair Section, Method Improvement in granting permission for water connection study of requirement of Models in connection with Training, Programmes for Hydraulic Engineer's Department, Fixation of Duties, Responsibilities and Authorities of the Staff Working in City Engineer's Department, Lay out of the proposed Building at Central Stores, Implementation of productivity report in Municipal Power Laundry and its review, preparation of detailed plans for the proposed Training Centre, at Worli, Preparation of Syllabus for Local Government Service Examination, Preparation of Training Scheme for the Ambulance Unit of Sion Hospital, Preliminary study of the Refund Section of Octroi Department. Some of the Seminars were organised, *viz.*, Effective Time Management, Decision Making, etc., for the Top and the Senior Level Executive of Water Supply and Sewerage Department.

Bombay Municipal Security Force

54. Shri G. H. Salunke, Ag. Assistant Security Officer, continued to hold charge of the post of Security Officer, during the period under report.

The work done by the Department comprises investigations, including conducting departmental inquiries and detection of the thefts and pilferage cases of Municipal properties, in addition to guarding Municipal Buildings and Installations.

In 145 cases, punishments varying from dismissal, removal from service to censures and warnings, imposing fines, withholding increments, demotion, etc., were meted out. In 51 cases, enquiries were in progress, at the end of the year.

The Bombay Municipal Security Force is in charge of Industrial Home Guards Unit of the Municipal Employees. It has 109 members enrolled on it. Industrial Unit of Home Guards continued to function well, during the year under report.

The Security Force was engaged for special bandobast on Bombay Bandh days, Mochas, Demonstrations, etc. and also engaged for special bandobast at Corporation meetings, at the Corporation Hall.

The Security Force has got its own Training School for the Security Guards and during the year, 120 Security Guards (Recruits) were imparted training.

The total expenditure on the Establishment of the Security was Rs. 96,78,718.00 and there were 2,681 (men) employees working on the Establishment. The Security Force recruited 66 candidates as Security Guards, during the year.

DEONAR ABATTOIR

55. All slaughtering units of the Abattoir were functioning quite satisfactorily, during the year.

Special arrangement made at Deonar Abattoir to ensure the sacrificial slaughter of animals in most hygienic conditions during Bakri-Id festival of 1974 was continued, during the year.

A number of Pharmaceutical concerns have come forward to take the benefit of the facilities provided, at Deonar Abattoir, in respect of collection of various glands and some of them undertook new research projects for developing new drugs from glands. The Inedible Rendering Plant for Blood Rendering was commissioned successfully and blood powder conforming to international standard was produced.

Export of chilled meat also increased considerably due to ideal arrangement provided in the Abattoir.

The construction of Administrative Building was completed, the construction of other works like self-contained tenements, live stock market sheds, Dispensary, etc., being in progress.

Due to re-imposition of quota restrictions by the Government of Maharashtra, the number of slaughter of horned cattle, during the year, was reduced.

A number of of VIP's from the country and abroad visited the Abattoir.

Project Engineer (Sewerage) Department

56. Shri N. L. Patel, B. E. (Civil), M. I. E., continued to hold the office of the Project Engineer (Sewerage), during the year under report.

During the year under report, the Sewerage Construction Sections were placed under the control of the Deputy Project Engineer (Sewerage Construction) with overall control of the Project Engineer (Sewerage). The Sewerage Operations and Maintenance was also taken over under the overall control of Project Engineer (Sewerage) from the City Engineer. The Department did the work of cloth tracing, paper tracing, a monia print copies, preparing block estimates and detailed plans and estimates, etc. As many as 75 tenders were invited and 44 contracts awarded. At the end of the year, the total approximate cost of detailed estimates in hand amounted to Rs. 6,54,63,615. In case of sewers, there were as many as 86 estimates and the amount involved was Rs. 5,62,21,281. In case of S. W. Drains, there were 17 estimates and the amount involved was Rs. 80,61,911. So far as pumping stations were concerned, there were 8 estimates.

PUBLIC HEALTH

57. *Population Census*—The mid-year estimated population of Greater Bombay, viz., 68,13,000 for Greater Bombay for 1974 has been taken as the basis for working out the rate of vital statistics.

Birth and Birth rate—The total number of the live births recorded in Greater Bombay, during the year, was 1,79,023 which was 1,386 less than for 1973 and 12,342, above the average of the quinquennium 1969-1973. The birth rate was 26.3 per 1000 of the mid-year estimated population.

Deaths and Death rate—The total number of deaths registered from all causes, during the year, was 61,679 in 1974 as against 61,931 in 1973, being 252 less than for 1973 and 3,989 above the mean mortality of the preceding five years and the death rate was 9.1 as against 9.5 for 1973. Out of 61,679 deaths, 37,671 were among males and 24,008 among females. The excess deaths among males may be ascribed to the slight preponderance of males in population. The death rate among males was, however, actually higher than that among females. On the basis of 1971 Census population, the male death rate being 10.8 and that of females 9.6 as against 10.7 and 9.9, respectively, in 1973. The causes coming next on the list for the year was tuberculosis 1.2, congenital malformation and diseases of early infancy 0.8, diarrhoea and dysentery 0.5.

Infant Mortality—Deaths among infants under 1 year of age numbered 13,123 which were 853 less than in the preceding year and 255 less than the annual average of the previous quinquennium 1969-1973. The infant mortality rate for the year was 73.3 per 1000 live births as against 77.5 in 1973.

Maternity and Child Welfare—During the year under report, services were rendered through 22 Municipal Maternity Homes, 4 maternity wards attached to Municipal General Hospitals and 37 Maternity and Child Welfare Centres. The number of deliveries in these homes was 72,400. The average stay of mothers at the Maternity Homes was 5 days.

Communicable Diseases—The total number of cases of infectious diseases, reported during the year, was 27,281 as against 38,918 in the preceding year. Infectious Hepatitis caused 1,880 attacks (including 60 originating in the other local areas of India) and 235 deaths. There were 9 local cases of Small Pox in Greater Bombay and 10 cases having their origin in the other local areas of India. There were no cases of plague and cholera. Enteric Fever caused 648 attacks (including 5 originating in other areas of India) was 1,077 less than that in 1973. Number of deaths was 73 as against 60 in 1973. Diphtheria caused 752 cases and 53 deaths. Tuberculosis took a toll of lives and death rate of Tuberculosis of 1.0 per 1,000 of media estimates population.

501 cases of acute Anterior poliomyelitis and 53 deaths were reported during the year. 2,79,394 children were immunised against polio.

Municipal Group of Tuberculosis Hospital at Sewri has an accommodation for 830 in-patients; besides 1200 beds are reserved at the Sarvodaya Hospital, Ghatkepar. The advance cases of T. B. were isolated at the Daftary Municipal Isolation Wards, at Dadar, which has an accommodation for 88 inpatients.

During the year 6,49,140 persons were inoculated against Cholera.

Dispensaries

58. The number of new cases treated at the 107 dispensaries and 15 mobile dispensaries were 34,23,534 as against 32,10,659 in the year 1973.

Health Propaganda and Education were carried out through Public Relations Department.

Leprosy.—The control of Leprosy in the City was exercised as before through the Acworth Leprosy Hospital, Wadala, with an accommodation of 500 beds. In addition to this, the Institution conducts a well equipped out-patients' clinic, the entire cost of which is borne by the Corporation. Besides, the Institution is also conducting 9 Clinics (5 in the City and 4 in the Suburbs and Extended Suburbs), maintained by the Greater Bombay Leprosy Control Scheme. The Corporation also bears the cost on account of 48 beds for voluntary patients domiciled in Bombay and 230 beds for the Bombay resident patients. Besides, the payment of cost of Domiciliary Services and Rs. 10,000 for rendering Sulphone treatment the Corporation pays one-half of the recurring expenditure of Greater Bombay Leprosy Control Scheme activities as also the entire cost of the Capital Works.

The average daily attendance of patients was 271.19 and the total number of new cases treated at the Acworth Leprosy Hospital Clinic was 4,348. The average daily attendance of patients was 44.4 and the total number of new cases treated at the Greater Bombay Leprosy Control Scheme Clinics was 2,815.

Upgraded dispensaries.—There has been considerable over-crowding at the outpatients department of the Municipal General hospitals, making it difficult for the medical staff of the hospitals to pay adequate attention to patient. The overcrowding in the O. P. Department is due to the attendance of a large number of patients requiring only dispensary treatment. With a view to relieving the general hospitals of the heavy load of patients, 16 Municipal General dispensaries were upgraded with the approval of Corporation by their Resolution No. 286, dated the 8th May 1969, providing thereat facilities for screening and routine laboratory investigations.

School Health Work

59. During the year, out of 1,52,064 Children from the Municipal Primary and Secondary Schools medically examined, 1,26,110 Children showed defects.

The defects, such as, scabies, ringworm and other ailments noticed at the time of medical inspection were treated at the Municipal dispensaries. The municipal school children were also treated at the school clinics attached to K. E. M. Hospital, Nair Hospital, L. T. M. G.

Hospital, Sion, Dr. R. N. Cooper Hospital, full time dental clinic, at Nair Hospital and Juhu Hospital. During the year, 75,614 new and old cases were treated at the clinics. Suspected cases of tuberculosis and Leprosy were referred to the special clinics for investigation and treatment and were not allowed to attend schools, if found infectious.

91,799 Children of Municipal Schools were B. C. G. vaccinated and 176,626 Children were given doses of diphtheria and Tetanus and 1,24,565 Children were vaccinated against small pox.

Kasturba Hospital for Infectious Diseases

60. Except Tuberculosis and Leprosy, patients suffering from various acute and infectious communicate diseases are admitted to this Hospital. The total number of patients admitted, during the year, was 23,665 as against 33,395 in the preceding year. They included 598 cases of Enteric Fever, 739 of Diphtheria and 1,842 Infectious Hepatitis.

There were as many as 3,203 cases of diphtheria out of which 739 were positive for diphtheria and 2,464 were found negative on laboratory investigations. 46 cases proved fatal of which 35 were admitted in moribund condition, i.e., died within 48 hours of admission. The fatality rate was 6.2 per cent.

The cases admitted were from all parts of Greater Bombay, predominantly from byculla, Parel, Lalbaug, Sewree, Matunga, Mahim, Sion, Bandra and Andheri, H and K Wards.

Due to progressive eradication measures, only 16 cases of Small-Pox were admitted to this Hospital, 6 of which proved fatal.

The total expenditure of the Hospital, during the year, was Rs. 61,25,725 as against Rs. 56,68,546, in the preceding year.

61. This year also the Municipal Chief Auditor's Report has not been included in the Municipal Commissioner's Administration Report, as required by Section 137(4) of the Bombay Municipal Corporation Act.

The Standing Committee reiterate that every effort must be made by the respective Heads of the Departments to comply with the statutory provisions of the B.M.C. Act. The Municipal Chief Auditor's Report would have been of much help to the Standing Committee in their scrutiny of the various facts and figures incorporated in the Report of the Municipal Commissioner. The Report, however, will be forwarded to the Corporation separately when received. The Standing Committee is of the view that after submission of the Report by the Municipal Chief Auditor, the Administration should see that the same is printed within three months from its receipt, so as to make it available to Councillors earlier.

62. In conclusion, the Standing Committee desire to record their appreciation of the very valuable services rendered by Shri M. W. Desai who held the office of the Municipal Commissioner throughout the year and whose administrative abilities and financial acumen were of real help to the Committee.

(c) Letter to the Municipal Secretary, No. MCA/VRG/45, dated 21st July 1976, from the Municipal Chief Auditor.

"I wish to draw your kind attention to para. 61 of item No. 40 of to-day's Standing Committee Agenda "This year also the Municipal Chief Auditor's Report has not been included in the Municipal Commissioner's Administration Report, as required by Section 137 (4) of the Bombay Municipal Corporation Act." In the said para. you have mentioned. 'The Standing Committee reiterate that every effort must be made by the respective Heads of the Departments to comply with the statutory provisions of the B.M.C. Act. The Municipal Chief Auditor's Report would have been of much help to the Standing Committee in their scrutiny of the various facts and figures incorporated in the Report of the Municipal Commissioner.' It is a fact that the Municipal Chief Auditor's Report for the year 1974-75 was not submitted to the Standing Committee and Corporation on or before 1st October 1975 as contemplated by the B. M. C. Act and no doubt it would have been fruitful. However, I would like to draw pointed attention to my loudly voicing the fact that my Audit Report is delayed due to factors beyond my control. The main cause is the Administration's consistent failure to submit the Annual Accounts duly reconciled, attested and completed in all respects as required by Audit on or before 30th June every year as also the rates and taxes figures showing opening arrears, current demand and closing figures duly reconciled and attested well in the prescribed time limit. The submission of the figures etc., referred to above is a pre-condition vitally required to be fulfilled which only could enable the statutory audit to comply and fulfil the requirements of the B. M. C. Act. The failure of the Administration to submit the accounts and other statements in time causes inevitable delay on the part of the Audit in complying with the Statutory requirements. Several times in the past I have

brought this fact to the notice of the competent authorities but in vain. I would, therefore request you to suitably amend your para. depicting the true state of affairs and eliminate any misunderstanding in any quarters whatsoever. I would like the para. to be drafted as "This year also the Municipal Chief Auditor's Report has not been included in the Municipal Commissioner's Administration Report as required by Section 137 (4) of the B.M.C. Act, due to the fact that the Municipal Chief Auditor could not submit his Report as a direct consequence of non-submission of the Annual Accounts and the relevant various statements duly reconciled and attested by the Administration well in time giving the Statutory Audit the necessary time to carry out the Audit and submit its Report as contemplated by the B.M.C. Act." The Municipal Chief Auditor can comply with the requirements of the B.M.C. Act only if the Municipal Commissioner can see that the accounts etc. as required by the Statutory Audit are submitted to the Audit on or before 30th June every year, allowing the Municipal Chief Auditor a period of about 2½ to 3 months to carry out the Annual Audit which is universally required in case of any Statutory Audit of Annual Accounts of Public Sector Undertakings *Viz.* Nationalised banks, Insurance Companies, etc. This sad state of affairs of the delay on the part of the Administration is also experienced in the case of the W. S. S. P. Audit and the Municipal Commissioner had no other go but to request the I. D. A. to grant an extension of time twice in the past *Viz.* for the years 1973-74 and 1974-75.

2. The Annual Accounts and other statements, etc., as required by the Statutory Audit for the year 1975-76 pertaining to the entire Municipal Accounts relating to all the Budgets have so far not been submitted by the Municipal Commissioner and he has been requested *Vide* M. C. A.'s D. O. letter No. DO/MCA/VRG/41, dated 14th July 1976 to do so early. The General Manager of the B. E. S. & T. Undertaking has also not submitted the Annual Accounts of the B. E. S. & T. Undertaking for the year 1975-76 to the Audit and he has also been requested *Vide* M. C. A.'s D. O. letter No. DO/MCA/VRG/38/OFI/VB, dated 13th July 1976 to do so early.

3. I would, therefore, earnestly request you to consider my above contention which would convince any one since it is based on facts and shall feel personally grateful if you will kindly bring this to the notice of the Chairman, Standing Committee and make suitable amendments in the proposed para. which will do justice to the audit.

4. I would also like to assure you and the competent authorities that the *Statutory Audit will leave no stone unturned to submit the Audit Report in time provided that the Administration can submit the accounts, etc., in time which is a condition precedent.*

With kind regards."

MUNICIPAL CORPORATION OFFICE,
BOMBAY, 13th June 1977.

DATTA NALAWDE,
Chairman,
Standing Committee.

**ADMINISTRATION REPORT
OF THE MUNICIPAL COMMISSIONER
FOR GREATER BOMBAY
FOR THE YEAR 1974-75**

Herewith a detailed report of the Municipal Administration of Greater Bombay as required under Section 124 of the Bombay Municipal Corporation Act.

M. W. DESAI,
*Municipal Commissioner
for Greater Bombay.*

GENERAL

CORPORATION, STANDING COMMITTEE, IMPROVEMENTS COMMITTEE AND THE EDUCATION COMMITTEE.

CORPORATION

Shri B. K. Boman Behram, who was elected Mayor at the First Meeting of the Corporation, held on 2nd April 1974, held that Office throughout the year.

2. One hundred and seventy-nine Meetings of the Corporation including thirty-five Special Meetings, one hundred and two meetings of the Special Committees and twenty one meetings of the Consultative Committees were held during the year.

3. There was no change in the personnel of the Corporation during the year under review. The vacancies caused by the death of Shri Mohammed Abdulla Sarang and Shri Gopinath Sitaram Chavan.

4. Six Civic Receptions were held during the year 1974-75.

STANDING COMMITTEE

5. Shri V. M. Parvatkar, was elected Chairman of the Standing Committee at their Meeting held on 5th April 1974, and held that Office throughout the year.

6. No change took place in the personnel of the Standing Committee during the year.

7. Shri R. M. Dube, was an ex-Officio-member of the Standing Committee on his appointment as Chairman of the Education Committee from 5th April 1974.

8. One hundred and thirty meetings including Adjourned Meetings and twenty-four Special Meetings including Adjourned Special Meetings were held during the year.

9. Six Meetings of the sub-Committees were held during the year.

IMPROVEMENTS COMMITTEE

10. Shri N. B. Pawar, was elected Chairman of the Improvements Committee at their meeting held on 11th April 1974, and held that Office throughout the year.

11. No change took place in the personnel of the Improvements Committee during the year.

12. Forty four meetings were held during the year and three Meetings of the Sub-Committee were held during the year.

EDUCATION COMMITTEE

13. Shri R. M. Dube, was elected Chairman of the Education Committee at their Meeting held on 5th April 1974, and held that Office throughout the year.

14. No change took place in the personnel of the Education Committee during the year.

15. Twenty-five regular meetings including Adjourned Meetings were held during the year and eight Special Meetings including Adjourned Special Meetings were held during the year.

16. (a) Shri A. J. Avasare, M. A., LL. B., continued to hold the Office of the Municipal Secretary during the year except during the period from 9th December 1974 to 7th January 1975 when Shri V. R. Konkar M.A., LL B, acted as Municipal Secretary during leave period of Shri Avasare.

(b) No circumstances arose in this department in which it was necessary to invoke the provisions of the Municipal Servants' Act 1890.

(c) There was no separate award or adjudication during the year 1974-75 so far as this department is concerned.

**LIST OF MEMBERS OF THE CORPORATION WHO HELD OFFICE ON 31ST
MARCH 1975.**

SHRI B. K. BOMAN BEHRAM, Mayor.

SHRI V. M. PARVATKAR, Chairman, Standing Committee.

SHRI NAGESH B. PAWAR, Chairman, Improvements Committee.

SHRI RAMESHKUMAR M. DUBE, Chairman, Education Committee.

SHRI S. N. ACHARYA, Chairman, B. E. S. & T. Committee.

ADVANI, SHRI H. P.
ANSARI, SHRI N. M.
AHMEDJI, SHRI M. G.
AMRE, SHRI S. S.
AVALE, SHRI P. V.
OOMMACHEN, SHRI C. D.
ANKLESWARIA, SHRI R. C.
KADAM, SHRI P. R.
KADAM, SHRI H. S.
KANGUTKAR, SHRI P. R.
KARGISTEKAR, SHRI B. S.
KAVTHE, SHRI M. N.
KARIRA, SHRI T. K.
QURESHI, SHRI A. J.
KENI, SHRI R. M.
KENIA, SHRI N. K.
KOPARDE, SHRI E. R.
KOHLI, SHRI SOHANSINGH J.
KHANDWANI, SHRI M. A.
GAWDE, SHRI B. R.
GANDHI, SHRI V. R.
GAONKAR, SHRI V. G.
GHADGE, SHRI J. P.
CHAVAN, SHRI N. S.
CHAVAN, SHRI R. N.
CHAVAN, SHRI S. S.
CHAVAN, SHRI S. B.
CHUGTAJ, SHRI Z. H.
CHORWADWALLA, PROF. A. K. E.
CHOUGULE, DR. (Smt.) SHALINI K.
JEELANI, SHRI K. G.
JOSHI, SHRI M. G.
JOSHI SHRI S. G.
ZAKARIA, SHRI AHMED B.
ZUTE, SHRI B. D.
THAKKAR, SHRI N. P.
THAKARE, SHRI G. S.
THANEKAR, SHRI K. B.
D'CRUZ, SHRI C. R.
D'MELLO, SHRI V. C.
TANNA SHRI J. M.
TIRANDAZ, SHRI R. S.
TORASKAR, DR. (SMT.) ASHALATA V.
DADIA, SHRI U. D.
DANAIT, SHRI S. V.
DANNU, SHRI MOHAMMED YASIN
DABHOLKAR, SHRI A. K.
DARWATKAR, SHRI B. S.
DIWAN, SHRI J. A.
DUTIA, SHRI G. B.
DUBASH, SHRI A. B.
DEORA, SHRI M. S.
DESAI, SMT. ALKA A.
DESAI, SMT. KAMAL V.
DESAI, SHRI B. A.
DHARAP, SHRI V. G.
NALAVDE, SHRI D. S.
NABAB, SHRI S.
NAIK, SHRI M. R.
NIKLANIKAR, SHRI P. D.
NEVREKAR, SHRI K. R.
PATEL, SMT. INDUMATI T.
PADWAL, SHRI C. S.
PADWAL, SHRI R. V.
PADWAL, SHRI H. P.
PARAB, SHRI V. G.
PARMAR, SHRI N. D.

PARIHAR, SMT. PARVATI L.
PATIL, SHRI A. W.
PATIL SHRI J. M.
PATIL, SHRI B. R.
PATIL, SMT. MANORAMA D.
PAREKH, SHRI J. G.
PAREKH, SHRI MOHANLAL C.
PALAV, SHRI J. J.
PASHTE, SHRI ANANT P.
PEDNEKAR, DR. M. D.
PAI, DR. P. S.
PANDYA, SMT. LILY A.
PRABHOO, DR. R. Y.
FITRAT, SHRI M. I.
BANE, SHRI MANOHAR V.
BEDI, SHRI M. H.
BRAHMBHATT, SHRI D. B.
BHAVE, SHRI M. G.
BHUJBAL, SHRI C. C.
BHUGRA, SHRI H. R.
BHOSALE, SHRI D. M.
MAYEKAR, SHRI R. S.
MAHADIK, SHRI V. S.
MALKAR, SHRI S. K.
MUZUMDAR, DR. SAURABH R.
MEMON, SHRI C. B.
MEHTA, SHRI KISAN G.
MEHTA, SHRI C. S.
MEHTA, SMT. JAYAWANTIBEN N.
MEHTA, SHRI J. S.
MEHTA, SHRI N. D.
MEHTA, SHRI RUSI M.
MODI, SHRI S. A.
MHATRE, SHRI P. A.
RAWOOL, SHRI N. G.
RAGINWAR, SHRI R. W.
RAJDA, SHRI R. G.
RAJPURKAR, SHRI K. K.
RANGNEKAR, SMT. AHILYA P.
LABDE, SHRI R. S.
LAUD, SHRI R. P.
VARTAK, SHRI G. D.
WAGHDHARE, SHRI V. L.
SHARMA, SHRI P. S.
SHAH, SHRI N. M.
SHAH, DR. H. L.
SHIKARI, SHRI F. K.
SHISODE, SHRI R. H.
SHINGRE, SHRI D. S.
SHAIKH, DR. M. A.
SHETE, SHRI B. H.
SHETTY, SHRI K. D.
SHELAR, SHRI B. S.
SHROFF, SHRI B. N.
SHRINGI, DR. VASUDDO G.
SATAM, SHRI A. G.
SATAM, SHRI G. D.
SABADE, SHRI S. D.
SAMANT, SHRI J. R.
SAMANT, SMT. VINITA D.
SAWANT, SHRI M. M.
SINH, SHRI R. T.
SING, SHRI R. R.
SEHGAL, SHRI P. H.
SOLANKI, SHRI T. G.
HARSHE, SHRI P. V.

**LIST OF THE MEMBERS OF THE STANDING COMMITTEE WHO HELD OFFICE
ON 31ST MARCH 1975.**

SHRI V. M. PARVATKAR, (Chairman).

ADVANI, SHRI H. P.
CHORWADWALA, PROF. A. K. E.
DABHOLKAR, SHRI A. K.
DEORA, SHRI M. S.
DUBE, SHRI R. M.
KOPARDE, SHRI E. R.
MAHADIK, SHRI V. S.
MUZUMDAR, DR. S. R.

PAREKH, SHRI J. G.
PATEL, SMT. INDUMATI T.
PATIL, SHRI A. W.
RAJDA, SHRI R. G.
SABADE, SHRI S. D.
SAWANT, SHRI M. M.
SHROFF, SHRI B. N.
ZUTE, SHRI B. D.

**LIST OF THE MEMBERS OF THE IMPROVEMENTS COMMITTEE WHO HELD
OFFICE ON 31ST MARCH 1975.**

SHRI N. B. PAWAR, (Chairman).

ANSARI, SHRI N. M.
CHAVAN, SHRI N. S.
DADIA, SHRI U. D.
DIWAN, SHRI J. A.
D'MELLO SHRI V. C.
MHATRE, SHRI P. A.
NALAWDE, SHRI D. S.
PADWAL, SHRI H. P.

PADWAL, SHRI R. V.
PARAB, SHRI V. G.
THAKKAR, SHRI N. P.
THANEKAR, SHRI K. B.
TIRANDAZ, SHRI R. S.
VARTAK, SHRI G. D.
ZAKARIA, SHRI A. B.

**LIST OF THE MEMBERS OF THE EDUCATION COMMITTEE WHO HELD
OFFICE ON 31ST MARCH 1975.**

SHRI R. M. DUBE, (Chairman).

BANE, SHRI M. V.
CHAVAN, SHRI R. N.
CHAVAN, SHRI S. B.
DAWATKAR, SHRI B. S.
*EKBOLE (SMT.) PRATIBHA P.
FITRAT, SHRI M. I.
GAONKAR, SHRI V. G.
HARSHE, SHRI P. V.

MEHTA, SMT. JAYAWANTIBEN N.
*NERLEKAR, SHRI G. V.
RAGINWAR, SHRI R. W.
SHAH, SHRI N. M.
SHINGRE, SHRI D. S.
*VARDE, SHRI S. S.
*YADNIK, SHRI A. B.

MUNICIPAL OFFICERS

Municipal Commissioner's Office

The designations and names of the officers holding the post of municipal Commissioner and also statutory posts together with the period for which the posts were held by each of them are given below :—

Designation	Name of the Officer	Period		Remarks
		From	To	
Municipal Commissioner	Shri M. W. Desai, B.A., I.A.S.	1-4-74	31-3-75	
Deputy Municipal Commissioner (Personnel)	Shri R. G. Gulgule B.Com.	1-4-74	31-3-75	
Deputy Municipal Commissioner (Zone-III)	Shri B.H.Prabhavalkar M.A.	1-4-74	24-3-75	On refused leave to be enjoyed after superannuation as Earned Leave for 120 days from 25-3-1975 to 22-7-1975.
Deputy Municipal Commissioner (Zone-III)	Shri V. C. Parikh, B.COM. IInd Class. Associate Certificate of the Indian Institute of Banking.	25-3-75	31-3-75	Appointed during the period of refused leave of Shri: Prabhavalkar from 25-3-1975 to 22-7-1975.
Deputy Municipal Commissioner (Special Engineering).	Shri V. D. Desai, B.E. (Civil), M.E. (P.H.), Calcutta with 1st Class A.M.I.E. (India).	1-4-74	31-3-75	
Deputy Municipal Commissioner (Zone-II)	Shri S. R. Rane, B.E. (Mechanical, Electrical). Completed the post-graduate Course. Mattaargu-possesses Competance Certificate of P.W.D., Bombay.	1-4-74	31-3-75	
Deputy Municipal Commissioner (Zone-I)	Shri P. C. Pandya, M.A., L.L.B., B.T., M.P.A. (U.S.A.)	1-4-74	31-3-75	On Earned Leave from 5-12-1974 to 19-12-1974.
Deputy Municipal Commissioner (Improvements)	Shri V. H. Gumaste B.E. (Civil).	1-4-74	31-3-75	On Earned Leave from 3-1-75 to 1-2-1975.

* Non, Councillor Member.

Municipal Chief Auditor

The post of the Municipal Chief Auditor was held by Shri R. G. Godbole, B.COM., F.C.A., F.C.I.S. A.M.B.I.M., throughout the year.

OTHER HEADS OF DEPARTMENTS (CITY)

Serial No.	Designation	Name of the Officer	Period	Remarks
1.	City Engineer.	Shri J. R. Patwardhan, B.E. (Civil), M.E.(P.H.)F.I.E.	1-4-74 to 1-12-74 & 1-2-75 to 31-3-75.	
		Shri P. A. Umrigar, B.E. (Civil)	2-12-74 to 31-1-75	
2.	Chief Accountant.	Shri V. C. Parikh, B.COM., C.A.I.I.B.	1-4-74 to 19-6-74 & 20-7-74 to 24-3-75.	
		Shri M. W. Kanekar, B.COM., F.C.A.	20-6-74 to 19-7-74 & 25-3-75 to 31-3-75.	
3.	Hydraulic Engineer.	Shri K. D. Mulekar, B.E. (Civil), M.E.P.H.F.I.E.	Throughout the year.	
4.	Executive Health Officer	Dr. M. K. Vaidya, M.B.B.S., D.Ph.	1-4-74 to 28-6-74.	Dr. M. K. Vaidya looked after the work of Executive Health Officer.
			29-6-74 to 31-3-75.	Appointed as Ex- ecutive Health Officer.
5.	Dean, K. E. M. Hospital & G. S. Medical College.	Dr. C. K. Deshpande, M.D.	Throughout the year.	
6.	Dean, B. Y. L. Nair Charitable Hospital & T. N. M. College.	Dr. M. S. Kekre, M.B.B.S., M.Sc. (Medi- cines).	Throughout the year.	
7.	Dean, Nair Hospital Dental College.	Dr. (Mrs.) T. M. S. Ginwalla, D.D.S., L.D.S., R.C.D.S.		Looked after the duties of Dean from 1-4-74 to 31-7-74.
		Dr. F. D. Mirza L.D.Sc., M.S.D. (Tufts) U.S.A., F.I.C.D.	1-8-74 to 31-3-75.	
8.	Chief Fire Officer.	Shri A. S. Kulkarni,	Throughout the year.	
9.	Dean, L.T.M.G. Hospital & L.T.M.M. College.	Dr. V. N. Panse, M.D., M.P.H. (Columbia).	Throughout the year.	
10.	Medical Supdt. G. T. B. Hospitals.	Dr. A. P. Rao, M.D., T.D.D., F.C.C.P. (U.S.A.).	Throughout the year.	
11.	Assessor & Collector.	Shri R. G. Rele, B.Sc., L.S.G.D.	Throughout the year.	
12.	Education Officer.	Dr. (Smt.) M. R. Shah, B.A. (Hons.), M.Ed., Ph.D. (Bombay), Ph.D. (London).	1-4-74 to 13-3-75.	
		Shri P. D. Haldankar, B.sc. (Hons.), M.Ed., Dip.Ed.	14-3-75 to 31-3-75.	
13.	Solicitor to Corporation.	Shri A. M. Desai, M.A., LL.B.	1-4-74 to 3-12-74.	
		Smt. K. S. Kadam, B.A., LL.B.		Looked after the duties of the Solicitor to Corporation from 4-12-74 to 31-3-75.

Serial No.	Designation	Name of the Officer	Period	Remarks
14.	Project Engineer, (Water Supply).	Shri T. M. Kandawala, B.E. (Civil), F.I.E.(India)	Throughout the year.	
14.	(a) Project Engineer. (Sewerage)	Shri N. L. Patel, B.E. (Civil), M.I.E.	Throughout the year.	
14.	(b) Dy. Project Engineer (Common Services).	Shri B. R. Gole, B.E. (Civil), M.I.E. (India). M.I.W.W.A., M.A.W.W.A., Fellow E.D.I.	Throughout the year.	
15.	Controller of Stores.	Shri M. K. R. Sharma, B.E. (Civil).	1-4-74 to 14-4-74 & 2-6-74 to 8-8-74.	
		Shri S. A. Rege, B.Sc., B.E. (Civil).	15-4-74 to 31-5-74.	
		Shri D. J. Vyas B.E. (Civil), A.M.I.E.	9-8-74 to 31-3-75.	
16.	Supdt. of Markets and Slaughter Houses.	VACANT	Throughout the year.	
16.	(a) General Manager, Deonar Abattoir.	Dr. D. M. Bailur, B.Sc. (Vet.), M.R.C.V.S. (London).	Throughout the year.	
16.	(b) Ward Officer, Markets.	Shri G. Gomes, M.I.E. (India), A.M.I.E., A.M.I.E.T. (London), L.S.G.D. Dip. Royal Sanitary Institute.	Throughout the year.	
17.	Administrative Officer (Enquiry).	VACANT		Shri C. K. Patel, M.A., LL.B., looked after the duties of A.O.(E) from 1-4-74 to 26-10-74 and Shri K.R. Dixit, looked after the duties of this office from 27-10-74 to 31-3-75.
18.	Security Officer.	Shri G. H. Salunke, B.A.		Looked after the duties of S. O. through- out the year.
19	W. O. (Estates).	Shri S. S. Sanzgiri, B.COM. (Hons.), D.COM. I.M.C., L.C.C.Cft. (London)	Throughout the year.	
20.	Labour Officer.	Shri G. S. Saudagar, B.A.(Hons.) LL.B. Dip.L.W.	Throughout the year.	
21.	Public Relations Officer.	Shri K. T. Pandit, M.A.	Throughout the year.	
22.	Dy. Assessor & Collector (Octroi) Election Branch.	Shri R. M. Oza, L.S.G.D.	Throughout the year.	
23.	Supdt. of Licence.	Shri C. K. Patel, M.A., LL.B.	1-4-74 to 26-10-74.	
		Shri J. H. Pimanta.		Looked after the duties of S. L. from 27-10-74 to 31-3-75.
24.	Supdt. of Gardens.	Shri J. C. Garkhel, B.sc., (Hons.) (Agri.)	Throughout the year.	
25.	Research Officer.	Dr. B. Y. Pendharkar, B.sc., M.Ed., Ph. D.	1-4-74 to 2-3-75.	
		Smt. S. V. Desai,	3-3-75 to 31-3-75.	

Serial No.	Designation	Name of the Officer	Period	Remarks
26.	Manager Municipal Printing Press.	Shri M. M. Kamat, Printing Tech. D.B.M.	Throughout the year.	
27.	Asstt. Medical Officer, (E. N. T. Hospital).	Dr. (Smt.) S. C. Basrur, M.B.B.S., D.G.O.	Throughout the year.	
28.	Organisation & Methods Officer.	VACANT		Shri M. P. Patil, M.A., L.S.G.D., Pravin looked after the duties of this office throughout the year.
29.	Curator, Victoria & Albert Museum & Chief Librarian.	VACANT		Shri V. N. Barve, B.A. (Hons.) (Spl.) L.S.G.D. Head Clerk, looked after the duties of this office throughout the year.
30.	Manager M. G. M. O. Swimming Pool.	Shri S. N. Pinge L.S.G.D. Shri R. D. Karbhari, B.A., L.G.S. Shri G. N. Jambhekar, L.S.G.D. Shri M. D. Naik, B.sc. (Hons.) Shri R. S. Rane, L.G.S.	1-4-74 to 23-8-74.	Office Supdt. looked after the duties of this office from 24-8-74 to 29-8-74. Office Supdt. looked after the duties of this office from 6-9-74 to 22-9-74. Office Supdt. looked after the duties of this office from 23-9-74 to 15-10-74. Head Clerk looked after the duties of this office from 16-10-74 to 31-3-75.
31.	Manager Raja Baldevdas Birla Krida Kendra.	Shri S. G. Gavankar, B.A., L.G.S. Shri S. G. Agashe, B.A., L.G.S.	1-4-74 to 19-8-74. 20-8-74 to 31-3-75.	

(SUBURBS AND EXTENDED SUBURBS)

Serial No.	Designation	Name of the Officer	Period	Remarks
1.	Dy. Executive Health Officer (Suburbs).	Dr. M. K. Vaidya, M.B.B.S., D.P.H. Dr. M. N. Gurnani, M.B.B.S., D.P.H.	1-4-74 to 31-7-75. 1-8-74 to 31-3-75.	
2.	Dy. Accountant (Subs).	Shri M. N. Kulkarni, B.A. (Hons.), B.sc. Ist Class with distinction.	Throughout the year.	
3.	Dy. Assessor & Collector (Western Suburbs)	Shri G. P. Parulekar, B.sc. (Hons.), M.A., L.S.G.D. Ist LL.B.	Throughout the year.	
3(a)	Dy. Assessor & Collector (Eastern Suburb.)	Shri S. G. Phatak, B.A. (Hons.)	Throughout the year.	
4.	Asstt. Supdt. of Markets (Eastern Suburb).	Shri M. L. Naik Matric, S.I.E. Shri S. S. Gulgule, Matric, S.I.E., L.S.G.D.	1-4-74 to 1-12-74 & 1-1-75 to 31-3-75.	Looked after the duties of this office from 2-12-74 to 31-12-74.
5.	Asstt. Supdt. of Markets (Western Suburbs).	Shri N. V. Prabhu, Matric, S.I.E., L.S.G.D. Shri J. K. Ansari, Matric, S.I.E.	1-4-74 to 30-4-74 & 8-6-74 to 31-3-75.	Looked after the duties from 1-5-74 to 7-6-74.

CENTRAL CONTROL ROOM, B-WARD

The Complaints Section dealt with all the complaints concerning Municipal services received in the Central Control Room, at Babula Tank Cross Lane, Bombay-9. Complaints were referred to the departments concerned in all the wards, were followed up systematically and the complainants were contacted, if required, to see that their grievances were redressed within a reasonable time. The total number of complaints registered and followed up by the Central Control Room, during the year under report is 10430.

The Central Control Room remains open on all the days including Sundays and Holidays. It receives complaints from the members of the public on telephone No. 332211. It is working in close co-operation with the Fire Brigade, Water Supply Control Room and sees that in case of the house collapses and such other emergencies, the Municipal Officers and staff appear on the scene without any delay. Co-ordination between the heads of the departments is also brought about on such occasions.

The required information on the civic matters is also furnished to the members of the public, inquiring on telephone No. 332211.

P. N. SAMANT,
Complaints Officer, Central Control Room.

RAJA DR. BALDEV DAS BIRLA KREEDA KENDRA.

Shri S. G. Gavankar, B.A., L.G.S., held the charge of the post of Manager upto 19th August 1974 and Shri S. G. Agashe, B.A., L.G.S., thereafter during the year under report.

The fully air-conditioned and push back type cushioned chaired auditorium with a total seating capacity of 625 is being used by the public and this multi-purpose auditorium was reserved for various social and cultural activities. Documentary films, cartoons and demonstration of electric toytrains was shown free of charge to the visitors to the Children's Hall on the first floor on all the days between 4.00 p. m. and 7.00 p. m. except Sundays and Holidays. The Toy-train is dismantled for renovation in December 1974. The Shiv-Darshan exhibition was put up in the Children's Hall for about 4 months.

The Chowpatty Foreshore was kept under the supervision of the Manager for maintenance of sanitation.

After renovation and air-conditioning the Auditorium is found handy and suitable for various Municipal functions and programmes. This was used for the important civic functions as under :—

- (1) One Act Play competitions of the Welfare Centres of the Labour Department.
- (2) Inter Ward and Inter Departmental Dramatic Competitions.
- (3) 'Sharad' Utsav functions of the Education Deptt.
- (4) 'Vasant' Mahotsav arranged by the Sangit Sabha sponsored by the Education Department.
- (5) Scouts and Guides meetings of the Education Department.
- (6) Exhibitions of the Bal-Bhavan Centres of the Education Department.
- (7) Prize distribution functions of the Education Department.
- (8) Mayor's award to the Teachers of the Education Department.
- (9) Bombay Family Planning Conference 1974.
- (10) Centenary celebrations—Concluding function on 4th Sept. 1974 and presentation of the pay Committee's report to the Chairman, Standing Committee.
- (11) World Education Fellowship, International Conference 1974-75.

The Auditorium is also being used by the Government of Maharashtra for Main Lottery Draws.

During the period under report, the amount of Rs. 1,89,493 was collected by way of revenue.

APPENDIX 'A'

Section	Approximate attendance of children - Visitors during the year 1974-75.
Film Section Toy Trains & Bal Bhavan.	1,75,000

APPENDIX 'B'

Section	No. of days reserved by the public.	Approximate No. of Visitors.
Auditorium & Outside palce.	271	6,20,000

S. G. AGASHE,
Manager,
Birla Kreeda Kendra.

SPECIAL TECHNICAL UNIT

The Special Technical Unit under the Executive Engineer (Vigilance) is a branch of the Municipal Commissioner's Establishment. The Executive Engineer (Vigilance) is assisted by three Assistant Engineers (Vigilance), two Sub-Engineers (Vigilance), one Junior Stenographer, one Clerk and one Record Assistant.

The post of the 3rd Assistant Engineer is created on temporary basis to keep a strict vigil over the works executed by the Petty Works Contractors under the respective Ward Officers, in all the wards, in view of the bitter criticism about the unsatisfactory execution of the works at ward level.

Also many Construction works of Water Supply and Sewerage Department are now in progress. The activities of the department extend to Pise, Panjarapur, Yewai, etc. (outside City limits) apart from its activities in the Greater Bombay area proper. In order to exercise a timely vigil over these works additional posts of one A. E. and one S. E. are being created.

This Special Technical Unit keeps watch over all the technical matters, renders guidance to the technical staff, scrutinises technical staff proposals, pays surprise visits to various Municipal works under construction, Municipal maintenance jobs, investigates into the complaints against the staff of Engineering branch and examines the technical matters referred to by the Municipal Commissioner and the Heads of the Departments and also investigates into the other complaints received from the public, in the office of the Executive Engineer (Vigilance).

Further this unit functions as a coordinating agency among the different units of the Engineering Sections and assists the Administration in the matters requiring policy revision and implementation thereof. This unit also keeps a watch on the results obtained at the Materials Testing Laboratory where the building materials and the cubes of cement concrete, etc. used on Municipal works are sent for testing. Whenever considered necessary, this unit suggests hammer tests and load tests on Construction works.

The Special Technical Unit carries out sample checking of the final bills of some of the Municipal Construction Works. It checks a few building proposals after the occupation permission is granted or after the building completion certificate is accepted, in order to ascertain that the disposal is in order.

Some of the details of work done by the unit during the year 1974-75 are as follows :—

(1) Number of visit paid on Municipal works :—				
(a) Building Construction works	..	..	..	287
(b) Roads Construction works	..	..	..	149
(c) Drainage Construction works	..	..	..	75
(d) Petty Works Contractors' works	..	..	..	1101
(2) Number of final bills checked	..	..	..	31
(3) Miscellaneous visits	..	..	..	152
(4) Cases referred to by Municipal Commissioner/Dy. Municipal Commissioners City Engineer, etc. investigated and examined.	..	..	..	91
(5) Amounts recovered from the civic contractors by way of detection of Excess payments, penalties imposed on sub-standard work, recovery of rebates for incomplete works, etc. pointed out at the time of checking the works in progress and/or while checking the final bills.	..	..	..	62719Rs.

It may be mentioned here that a further amount of Rs. 4,682 will be also recovered from the civic contractors in due course.

R. M. GOKHALE,
E. E. (V)

FINANCIAL

Report from the Chief Accountant of the General Municipal Administration, the Improvement Schemes and the Education Fund for the year 1974-75.

GENERAL MUNICIPAL ADMINISTRATION

The following statement summaries the transactions for the year pertaining to Revenue and the Actuals for the preceding year.

	1974-75			Actuals for 1973-74
	Budget Estimates	Revised Estimates	Actuals	
	Rs.	Rs.	Rs.	Rs.
Opening Balance	.. 4,57,38,000	2,05,401	2,05,401	51,07,481
Income	.. 63,55,23,635	65,00,57,535	61,50,64,701	70,87,83,633
Expenditure	.. 68,10,84,141	64,07,73,270	59,16,25,477	73,25,85,512
Balance	.. 4,55,60,506 (Deficit)	92,84,265 (Surplus)	2,34,39,224 (Surplus)	2,38,01,879 (Deficit)
Balance	.. 1,77,494	94,89,666	+2,36,44,625	-1,86,94,398
<i>Add</i> : Recoupment of Advances made from the Surplus Cash Balance for Capital Stores	..	..	+30,55,620	+54,64,182
Total	.. 1,77,494	94,89,666	+2,67,00,245	-1,32,30,216
Increase in Reservation for Advances	..	-80,00,666	-2,59,89,026	+1,34,35,617
Closing Balance	.. 1,77,494	+14,89,000	* 7,11,219	2,05,401

* There was a heavy deficit of Rs. 7.71 crores in the accounts of 1974-75. As however, the accounts of Budget 'A' cannot be closed with a negative closing Balance, there was no alternative except adopting the following measures:—

- | | Rs. | |
|-----|-------------|--|
| (1) | 2,94,63,110 | The usual reservation for contribution of Budget 'B' is not shown. |
| (2) | 1,85,38,855 | Stores issued by the Controller of Stores though remaining unadjusted by the Departments is not shown as reservation presuming that it is covered by renewed grants. |
| (3) | 1,05,56,650 | Unadjusted capital stock is not shown as reservation against surplus cash balance taking for granted that it would be covered by Revised Loan Works Expenditure for 1975-76. |
| (4) | 37,84,581 | This amount debited to Sundry Advances, Misc. Advances is not shown as reservation against Surplus Cash Balance considering that it is recoverable from private parties. |
| (5) | 1,48,00,000 | This amount being the contribution to pension and gratuity fund during 1974-75 was reversed to arrive at a positive balance as required by the law. |

Further the liability of expenditure incurred from various suspense heads amounting to Rs.4.81 crores could not be covered by obtaining grants therefor under appropriate service heads during the year and the same liability had to be carried forward.

2. The details of reservation of Advances etc.

Increases :

	Rs.	Rs.
In Advances Misc. Advances	.. 4,68,08,411	
In renewed grant for Expenditure in 1975-76	.. 1,60,00,000	6,28,08,411

Decreases :

In Reserve Stores	.. 83,87,555	
In contribution towards Improvement Schemes	.. 2,84,31,830	3,68,19,385
Net Increase	..	2,59,89,026

3. The net unhypothecated Surplus Cash Balance on 31st March 1975 was as under :—

	Rs.	Surplus Fund as per Appen- dix No. 2.	Rs.
Reserve Stores and Line Suspense Account.	47,15,400		11,63,42,366
Advance for Plant and Machinery..	23,87,844		
Miscellaneous Advances	11,23,12,484		
Less: Provisional debit	37,84,581	10,85,27,903	
Minimum required by law ..	1,00,000		
Surplus Cash Balance ..	6,11,219		
	11,63,42,366		11,63,42,366

4. The Opening and Closing Reserve Stores (including Capital Stores) Balance for the year 1974-75 is compared below :—

	Opening Balance	Closing Balance	Increase Decrease
	Rs.	Rs.	Rs.
Serviceable Stores Reserve Stores ..	1,25,15,758	‡ 2,29,29,355	+1,04,13,597
Reserve Stores (Foras Road Depot) ..	5,87,007	*7,24,710	+1,37,703
Line Suspense Account ..	190	190	..
Capital Stores ..	2,51,05,543	3,56,17,341	+1,05,11,798
Capital Stores (Foras Road Depot) ..	1,35,724	1,80,576	+44,852

‡ This includes Rs. 1,85,41,312 shown under unadjusted Reserve Stores Account.

* This includes Rs. 3,97,543 shown under unadjusted Reserve Stores Account (Foras Road Depot).

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

	Outstanding Debt on 1st April 1974	Loans raised during the year.	Re-payment during the year.	Outstanding debt on 31st March 1975.	Loans transferred to Budget 'G'	Loans outstanding as on 31-3-1975.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Div. I	1,04,06,21,925	5,02,22,073	2,45,60,665	1,06,62,83,333	69,25,73,668	37,37,02,655
Div. II	24,26,50,000	2,65,00,000	1,25,97,307	25,65,52,693	9,76,40,860	15,89,11,833
Div. III	13,40,50,000	1,05,00,000	18,49,994	14,27,00,006	5,90,65,077	8,35,33,929
	1,41,73,21,925	8,72,22,073	3,90,07,966	1,46,55,36,032	84,92,80,605	61,62,55,427

(1)

Div. I	Rs. 1,65,00,000	} 3,85,00,000
Div. II	Rs. 1,65,00,000	
Div. III	Rs. 55,00,000	

 Being the loan amount towards Rs. 350 lacs plus 10 per cent. issued at Rs. 98.85 with a currency of 10 years at 6½ per cent. interest per annum raised by Public subscription out of Rs. 2,250 lacs loan sanctioned under Corporation Resolution, No. 783, dated the 24th October 1974 and G. R. No. LON/3274/2611-74/B-2, dated the 5th December 1974. The provision of Sinking Fund is sanctioned on 20 years basis improving at 6 per cent.

(2)

Div. I	Rs. 2,50,00,000	} 4,00,00,000
Div. II	Rs. 1,00,00,000	
Div. III	Rs. 50,00,000	

 Being the loan amount towards Rs. 400 lacs loan issued at par with a currency of 25 years at 6½ per cent. interest per annum raised by Internal Funds. Loan sanctioned under C. R. No. 783 of 24-10-1974 and G.R. No. LON/3274/2611-74/B-2, dated 5th November 1974. The provision of Sinking Fund is sanctioned on 25 years basis improving at 6 per cent.

(3) Div. I 87,22,073 Being Advances from Special Funds for purchase of Plant and Machinery repayable by annual equated instalments in five years at 6½ per cent. interest per annum.

Total .. 8,72,22,073

The repayments during the year were as under :—

Div. I (1)	Rs. 2,05,38,431	Repaid to Debenture holders out of Sinking Fund Investment.
Div. I (2)	40,22,234	Repaid to different Special Funds out of Revenue on the basis of equated payments.
Div. II	1,25,97,307	Repaid to Debenture holders out of Sinking Fund Investment.
Div. III	18,49,994	Do.
Total ..	<u>3,90,07,966</u>	

The position of the Sinking Fund is as shown below :—

	Amount of Fund on 1st April 1974	Interest etc. Received	Sinking Fund Instalment	Withdrawn for payment of loan	Amount of Fund on 31st March 1975
	Rs.	Rs.	Rs.	Rs.	Rs.
Div. I ..	30,63,02,347	1,43,94,591	3,55,15,714	3,12,60,000	*32,49,52,652
Div. II ..	7,54,50,203	40,16,062	1,06,96,720	1,60,00,000	*7,41,62,985
Div. III ..	2,56,21,523	13,51,963	54,51,907	30,00,000	*2,94,25,393
	<u>40,73,74,073</u>	<u>1,97,62,616</u>	<u>5,16,64,341</u>	<u>5,02,60,000</u>	<u>42,85,41,030</u>

* Out of this Rs. 21,18,77,315, Rs. 2,39,44,548 and Rs. 99,35,246 pertaining to Div. I, II and III respectively relate to Budget 'G'.

The value of the securities held in the Sinking Fund on the basis of market rates prevailing on 31st March 1975 including accrued interest and cash exceeds the actuarial amount of the Sinking Fund by Rs. 3,65,00,477 (Div. I Rs. 2,42,96,491, Div. II Rs. 1,01,98,076 and Div. III Rs. 20,05,910).

REVENUE INCOME

For Divisions I, II and III

6. The estimated income for the year was Rs. 63,55,23,635 and Revised Estimates was Rs. 65,00,57,535 (on the basis of 8 month's actuals). The actuals amounted to Rs. 61,50,64,701 resulting in decrease of Rs. 2,04,58,934 on the Budget Estimates and Rs. 3,49,92,834 on the Revised Estimates.

OCTROI

6A. The gross collections for the year were estimated at Rs. 27,88,02,000 the refunds and commission charges at Rs. 3,00,00,000 and the net revenue at Rs. 24,88,02,000. The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 28,45,66,205 and after deducting the amount of Rs. 3,95,08,520 (on account of refunds Rs. 3,53,03,170 and on account of fees for collection Rs. 42,00,350 credited to the separate Revenue Head) the net receipts amounted to Rs. 24,50,57,586 showing an increase of Rs. 2,85,82,655 as compared with the actuals of the previous year (i.e. Rs. 21,64,75,020).

REVENUE EXPENDITURE

For Divisions I, II and III

7. The final sanctioned grants amounted in the aggregate to Rs. 74,89,60,454.

Budget Grants.	Rs. 68,10,84,141
Unexpended Grants for previous years renewed for Expenditure	.. 30,61,256
Additional Grants	.. 6,39,12,047
Final sanctioned grants	<u>.. 74,89,60,454</u>

The transfers from one Budget Head to another without affecting the total Budget Provisions for the year amounted to Rs. 25,32,433.

8. Against the final grants for the year aggregating to Rs. 74,89,60,454 as stated above the actuals amounted to Rs. 59,16,25,477 leaving an unexpended balance of Rs. 15,73,34,977 at the close of the year. Of this sum of Rs. 2,00,00,000 is being renewed for expenditure during 1975-76 against Rs. 40,00,000 in 1974-75 and the balance of Rs. 13,73,34,977 is being allowed to lapse.

9. The percentage of establishment to the expenditure for 1974-75 and the previous year is as given below :—

Divisions	Percentage to total expenditure during	
	1974-75	1973-74
I	.. 39.05	33.21
II	.. 33.63	28.60
III	.. 33.82	26.84

LOAN WORKS EXPENDITURE

(CITY)

10. The opening balance on 1st April 1974 on account of Loan Funds excluding the Trust Fund was Rs. 1,07,65,535. Loans aggregating to Rs. 5,02,22,073 were raised during the year. Thus the total loan funds available for expenditure during the year were Rs. 6,09,87,608. The total expenditure incurred during the year amounted to Rs. 4,61,46,696. An amount of Rs. 30,55,620 has been advanced during the year towards recoupment of advance from the Surplus Cash Balance. This leaves the balance of Rs. 1,17,75,292 in the Loan Funds at the close of the year.

The following statement compares the expenditure on Capital works with the Budget and Revised Estimates during the last three years.

Year	LOAN FUNDS			Percentage of actuals to Budget Estimates	Percentage of actuals to Revised Estimates
	Budget Estimates	Revised Estimates	Actuals		
	Rs.	Rs.	Rs.		
1972-73 ..	18,57,64,100	23,55,54,630	8,96,92,197	48	38
1973-74 ..	23,79,72,850	34,09,46,693	13,13,42,774	55	38
*1974-75 ..	12,00,46,960	10,96,94,501	4,61,56,696	38	42

* Exclusive of Water Supply and Sewerage Department.

The percentage of actual expenditure to the funds available works out to 76.

(SUBURBS)

The Opening Balance on the 1st April 1974 on account of Loan and Trust Funds was Rs. 70,00,622. Loan aggregating to Rs. 2,65,00,000 was raised during the year. Thus the total loan Trust Funds available for expenditure during the year were Rs. 3,35,00,622. The total expenditure incurred during the year amounted to Rs. 3,87,16,199. The excess expenditure of Rs. 52,15,577 was met from Surplus Monies.

The following statement compares the expenditure on Capital Works with the Budget and Revised Estimates during the last three years.

Year	LOAN AND TRUST FUNDS				
	Budget Estimates	Revised Estimates	Actuals	Percentage of actuals to Budget Estimates	Percentage of actuals to Revised Estimates
	Rs.	Rs.	Rs.		
1972-73 ..	7,82,04,960	6,46,91,376	2,43,67,527	31	38
1973-74 ..	8,73,40,450	9,47,21,490	4,10,38,116	47	43
*1974-75 ..	13,65,88,600	11,86,76,871	3,87,16,199	28	33

* Exclusive of Water Supply and Sewerage Department.

(EXTENDED SUBURBS)

The opening balance on 1st April 1974 on account of Loan Fund was Rs. 32,14,639. Loan aggregating to Rs. 1,05,00,000 was raised during the year. Thus total Loan Funds available for expenditure during the year were Rs. 1,37,14,639. The total expenditure incurred during the year amounted to Rs. 1,49,84,786. The excess expenditure of Rs. 12,70,147 was met from Surplus Monies.

The following statement compares the expenditure on the Capital Works with the Budget and Revised Estimates during the last three years.

Year	LOAN AND TRUST FUNDS			Percentage of actuals to Budget Estimates	Percentage of actuals to Revised Estimates
	Budget Estimates	Revised Estimates	Actuals		
	Rs.	Rs.	Rs.		
1972-73 ..	3,37,71,100	3,88,91,850	1,88,93,219	56	49
1973-74 ..	5,58,79,370	5,14,31,960	2,50,69,156	45	49
*1974-75 ..	5,89,02,000	5,06,45,260	1,49,84,786	25	30

* Exclusive of Water Supply and Sewerage Department.

CONSOLIDATED LOAN WORKS EXPENDITURE

11. The following statement compares the consolidated expenditure on Capital Works for Division I, II and III with the Budget and Revised Estimates during the last three years.

Year	LOAN AND TRUST FUNDS			Percentage of actuals to Budget Estimates	Percentage of actuals to Revised Estimates
	Budget Estimates	Revised Estimates	Actuals		
	Rs.	Rs.	Rs.		
1972-73 ..	29,77,40,160	33,91,37,856	13,29,52,943	45	39
1973-74 ..	38,11,42,670	48,72,39,143	19,74,50,046	52	41
*1974-75 ..	31,55,37,560	27,93,55,632	9,98,57,681	32	36

* Exclusive of Water Supply and Sewerage Department.

The percentage of actual expenditure to the funds available works out to 92.

SINKING FUND (CITY)

12. The book value of investment of the Sinking Fund as on 31st March 1975 amounted to Rs. 32,49,52,652 made up of Rs. 32,49,52,505 being the book value of securities and Rs. 147 in cash with the State Bank of India. Valuing the Municipal and Improvement Trust Debentures at par the market value of the Sinking Fund Investment held on 31st March 1975 comes to Rs. 32,14,48,076. This together with the amount of interest accrued upto 31st March 1975 viz. Rs. 35,68,352 and cash with the State Bank of India Rs. 147 brings the total amount of Sinking Fund to Rs. 32,50,16,575 and more than covers the amount viz. Rs. 30,07,20,084 to which the Sinking Fund should have accumulated upto 31st March 1975. The excess in Sinking Fund account was thus Rs. 2,42,96,491.

(SUBURBS)

The book value of investment of Sinking Fund as on 31st March 1975 amounted to Rs. 7,41,62,985 made up of Rs. 7,41,62,945 being the book value of securities and Rs. 40 in the cash with State Bank of India, Bandra. Valuing the Municipal Debentures at par the market value of Sinking Fund Investments held on 31st March 1975 comes to Rs. 7,38,38,950. This together with the amount of interest accrued upto 31st March 1975 viz. Rs. 12,60,228 and Cash with the State Bank of India, Bandra Rs. 40 brings the total amount of Sinking Fund to Rs. 7,50,99,218 and more than covers the amount of Rs. 6,49,01,142 to which the Sinking Fund should have been accumulated upto 31st March 1975. The excess in the Sinking Fund Account was thus Rs. 1,01,98,076.

(EXTENDED SUBURBS)

The book value of investment of the Sinking Fund as on 31st March 1975 amounted to Rs. 2,94,25,393 made up of Rs. 2,94,25,350 being the book value of the securities and Rs. 43 in the cash with the State Bank of India, Bandra. Valuing the Municipal Debentures at par the Market Value of Sinking Fund investment held on 31st March 1975 comes to Rs. 2,94,25,350. This together with the amount of interest accrued upto 31st March 1975 viz. Rs. 5,71,565 and cash with State Bank of India, Bandra Rs. 43 brings the total amount of Sinking Fund to Rs. 2,99,96,959 and more than covers the amount of Rs. 2,79,91,049 to which the Sinking Fund should have been accumulated upto 31st March 1975. The excess in the Sinking Fund investment account was thus Rs. 20,05,910.

INVESTMENT (CITY)

13. The details of aggregate Investment made during the year are as follows :—

	Amount	Average No. of days
	Rs.	
(1) Fixed Deposits ..	47,00,01,000	206.61
(2) Call Deposits ..	31,27,00,000	11.00
(3) Current Account Deposits ..	19,48,61,192	4.08
Total ..	97,75,62,192	

The interest earned during the year amounted to Rs. 2,03,68,352 as against Rs. 2,02,67,641 during 1973-74 and the details are as follows :—

	Amount	Average No. of days
	Rs.	
On Fixed Deposits	.. 1,95,39,215	
On Call Deposits	.. 8,18,248	
On Current Account Deposits	.. 10,889	
Total	.. 2,03,68,352	

The average rates of interest on Fixed Deposits, Call Deposits and Current Account Deposits were 7.34 per cent., 8.68 per cent. and $\frac{1}{2}$ per cent. as against 6.05 per cent., 6.62 per cent. and 1 per cent for the preceding year respectively. The rates realised on Fixed Deposits ranged from $5\frac{1}{2}$ per cent to 8 per cent., on Call Deposits $\frac{1}{2}$ per cent. to $9\frac{1}{2}$ per cent. and on current Account Deposits $\frac{1}{2}$ per cent.

The maximum rates realised on Fixed Deposits, Call Deposits and Current Account Deposits during the preceding year were $6\frac{1}{2}$ per cent., $9\frac{1}{2}$ per cent. and 1 per cent. respectively.

(SUBURBS)

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

	Amount	Average No. of days
	Rs.	
(1) Fixed Deposits	.. 6,01,00,000	182.44
(2) Call Deposits	.. 6,49,00,000	16.29
(3) Current Account Deposits	.. 14,45,48,158	2.34

The interest earned during the year amounted to Rs. 24,18,322 as against Rs. 18,39,662 during 1973-74 and the details are as follows :—

	Rs.	
(1) On Fixed Deposits	.. 21,70,010	
(2) On Call Deposits	.. 2,40,613	
(3) On Current Account Deposits	.. 7,699	
Total	.. 24,18,322	

The average rates of interest realised on Fixed, Call and Current Account Deposits were 7.22 per cent., 8.31 per cent. and 0.83 per cent. as against 5.85 per cent., 5.82 per cent. and 1.00 per cent. of precedings year.

(EXTENDED SUBURBS)

The details of aggregate investments made during the year were as follows :—

	Amount	Average No. of days
	Rs.	
(1) Fixed Deposits	.. 3,51,00,000	212.45
(2) Call Deposits	.. 2,58,00,000	17.17
(3) Current Account Deposits	.. 4,25,99,309	3.13

The interest earned during the year amounted to Rs. 15,45,462 as against Rs. 11,31,840 during the 1973-74 and the details are as follows :—

	Rs.	
(1) On Fixed Deposits	.. 14,50,797	
(2) On Call Deposits	.. 91,520	
(3) On Current Account Deposits	.. 3,145	
Total	.. 15,45,462	

The average rates of interest realised on Fixed, Call and Current Account Deposits were 7.10 per cent., 7.54 per cent. and 0.86 per cent. as against 5.89 per cent., 5.48 per cent. and 1.00 per cent. of the preceding year.

RESERVE STOCK

14. The opening balance and the receipt of General Stores during the year as per books maintained in this office were Rs. 1,25,15,758 and Rs. 1,50,89,129 respectively and the issues amounted to Rs. 46,75,532. The closing balance of General Stores was, therefore, Rs. 2,29,29,355 *i. e.* more by Rs. 1,04,13,597 than the opening balance.

As against this the outstanding balance on 31st March 1975 according to controller of stores was Rs. 43,88,043. The difference of Rs. 1,85,41,312 is due to adjustment in respect of stores etc. issued by Controller of Stores to the Departments not having been returned by them to this office in time for being adjusted in the accounts of 1974-75 (This amount of Rs. 1,85,41,312 is shown under unadjusted Reserve Stores account). The opening balance and the receipt of General Stores at Foras Road Depot during the year as per this office book were Rs. 5,87,007 and Rs. 3,13,821 respectively and issues amounted to Rs. 1,76,118. The closing balance of General Stores, Foras Road Depot was Rs. 7,24,710 *i. e.* more by Rs. 1,37,703 than the opening balance. As against this the outstanding balance on 31st March 1975 according to Mechanical Department's books is Rs. 3,27,167. The difference of Rs. 3,97,543 in the closing balance of Foras Road Depot and this office is shown under unadjusted Reserve Stores Account, Foras Road Depot.

CAPITAL STORES

15. The opening balance of Rs. 2,51,05,543 together with the receipts of Capital Stores during the year viz. Rs. 3,54,11,297 aggregated to Rs. 6,05,16,840. As against this, issues during the year aggregated to Rs. 2,48,99,499, thus resulting in increase of Rs. 1,05,11,798 in the closing balance of Capital Stores viz. Rs. 3,56,17,341 compared with opening balance. As against this the outstanding balance as on 31st March 1975 according to C. S. is Rs. 1,24,54,363. The Opening Balance and the receipts of Capital Stores, Foras Road Depot, were Rs. 1,35,724 and Rs. 1,35,838 respectively and the issues amounted to Rs. 50,986 thus resulting in an increase of Rs. 44,852 in the closing balance of Capital Stores, Foras Road Depot. viz. Rs. 1,80,576 compared with opening balance. As against this the outstanding balance as on 31st March 1975 according to Mechanical Department's books is Rs. 86,771.

STREET IMPROVEMENTS

(CITY)

16. The provision made in the Revised Loan Works Budget for meeting claims on account of acquisition of set backs was Rs. 50,00,000 the expenditure being Rs. 39,42,730. This leaves a balance of Rs. 10,57,270. After deducting all ascertained time barred claims the undischarged commitments upto 31st March 1975 in regard to set backs already acquired and sanctioned to be acquired amount to Rs. 35,27,242.

(SUBURBS)

The provision made in the Revised Loan Works Budget Estimates for meeting the claims on account of acquisition of set backs was Rs. 30,00,000 the expenditure being Rs. 23,54,058. This leaves a balance of Rs. 6,45,932.

(EXTENDED SUBURBS)

The provision made in the Revised Loan Works Budget for meeting the claims on account of acquisition of set backs was Rs. 15,00,000 the expenditure being Rs. 12,48,423. This leaves a balance of Rs. 2,51,577.

LEVELLING METALLING, ETC. PRIVATE STREETS

17. The expenditure on the Improvements of Private Streets is financed in the first instance from 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 three years :—

Year	Expenditure			Total	Recoveries Inclusive of interest and Supervision Charges.
	Actual expenditure of works.	Supervision Charges.	Interest etc. advances.		
	Rs.	Rs.	Rs.	Rs.	Rs.
1972-73	3,89,757	58,463	55,560	5,03,780	88
1973-74	2,08,932	31,340	77,821	3,18,093	464
1974-75	3,29,959	49,493	92,135	4,71,587	45,950

Balance of Supervision Charges outstanding as on 31st March 1975 is Rs. 4,25,637.

IMPROVEMENT SCHEMES

General Account

INCOME

18. The total income for the year amounted to Rs. 4,76,55,467 against Rs. 4,45,24,290 for the previous year showing net increase of Rs. 31,31,177 viz. increase of (1) Rs. 27,05,142 under contribution from Municipal Corporation, (2) Rs. 8,71,100 under VI Grant Assistance from Govt. of India for environmental Improvement of Slums, counter balanced by decrease of (1) Rs. 2,93,181 under Rent and Other proceeds of Properties, (2) Rs. 60,291 under IV Interest and Profits on investments and (3) Rs. 91,593 under V Misc. Receipts.

EXPENDITURE

19. The total expenditure for the year aggregated to Rs. 4,14,53,727 against Rs. 4,19,95,521 for the previous year showing decrease of Rs. 5,41,794. This is made up of decrease of (1) Rs. 4,03,246 under Maintenance of Properties and Streets and (2) Rs. 1,38,548 under Debt Charges. The expenditure of Rs. 4,14,53,727 comprises of expenditure of Rs. 3,18,65,377 under Maintenance of Properties and Streets inclusive of cost of Management and Establishment and Rs. 95,87,350 under Debt Charges. The surplus of Rs. 62,01,740 in the General account is transferred to Capital Account.

20. The loan liabilities at the beginning of the year stood at Rs. 13,69,80,374. The repayment of loan during the year amounted to Rs. 64,32,907 of which Rs. 14,32,907 were repaid to Government on the basis of equated payment and Rs. 50,00,000 were paid to debenture holders. The outstanding loan liabilities at the close of the year thus stood at Rs. 13,05,47,467.

CAPITAL ACCOUNT

21. The Opening Balance on 1st April 1974 was Rs. 2,21,71,032. During the year under report, receipt on account of the Sale proceeds of lands and buildings amounted to Rs. 4,30,808. The total funds available were thus Rs. 2,26,01,840. The total expenditure incurred amounted to Rs. 75,48,526. The surplus in General Account for the year which amounted to Rs. 62,01,740 was transferred to the Capital Account. The unspent balance at the close of the year stood at Rs. 2,12,55,054.

EXPENDITURE ON SCHEMES

22. The actual expenditure incurred during the year on schemes amounted to Rs. 75,48,526 as against the Revised Estimates of Rs. 2,06,78,750 including Rs. 26,56,650 on account of Cost of management and establishment.

SINKING FUND

23. The position of the Sinking Fund is as shown below :—

Amount of Fund on 1st April 1974.	Interest etc. realisation.	Sinking Fund instalments.	Withdrawn for payment of loans.	Amount of Fund on 31st March 75.
Rs.	Rs.	Rs.	Rs.	Rs.
8,20,67,676	36,98,256	17,76,617	50,00,000	8,25,42,549

The Sinking Fund as on 31st March 1975 amounts to Rs. 8,25,42,549 of which Rs. 8,25,42,448 represent the book value of the securities and Rs. 101 in cash with the State 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 1975 comes to Rs. 8,02,69,637. This together with the amount of interest accrued upto 31st March 1975 viz. Rs. 2,41,386 and cash with State Bank of India viz. Rs. 101 brings together the total amount of Sinking Fund to Rs. 8,05,11,124 against Rs. 5,98,97,312, the amount to which the Sinking Fund should have accumulated upto 31st March 1975. The excess in the Sinking Fund investment account is thus Rs. 2,06,13,812.

24. The gross capital liabilities of the Improvement Schemes stood at Rs. 13,53,05,957 at the close of the year and the assets at Rs. 34,94,52,665 including the book value of the lands comprised in Schedules 'W' and 'X' resulting in a surplus of Rs. 21,41,46,708.

SLUM CLEARANCE ACCOUNT

General Account (City and Suburbs)

CITY SECTION

INCOME

25(1). The total income for the year amounted to Rs. 22,11,859 against Rs. 21,78,501 for the previous year showing a net increase of Rs. 33,358. This is made up of increase of Rs. 91,656 under Interest and Profit on investment counterbalanced by decrease of Rs. 58,297 under Rent.

EXPENDITURE

25(2). The expenditure for the year amounted to Rs. 49,15,511 as against Rs. 37,56,095 for the previous year showing an increase of Rs. 11,59,416. This is made up of increase of Rs. 15,33,449 on Debt charges counterbalanced by decrease of Rs. 3,74,033 under Maintenance of Properties. The expenditure of Rs. 49,15,511 comprises of (1) Rs. 10,27,056 under Maintenance of Properties etc. and (2) Rs. 38,88,455 under Debt Charges. Deficit of Rs. 27,03,652 is transferred to Capital Account.

SUBURBAN SECTION**INCOME**

25(3). The total income for the year amounted to Rs. 6,21,019 against Rs. 6,48,011 for the previous year showing a net decrease of Rs. 26,992. This is made up of Rs. 31,222 under I—Rent and other proceeds of Properties and Rs. 13,115 under IV.—Miscellaneous receipts counterbalanced by increase of Rs. 17,345 under III—Interest and Profits on investment.

EXPENDITURE

25(4). The expenditure for the year amounted to Rs. 26,56,487 as against Rs. 20,64,493 for the previous year showing a net increase of Rs. 5,91,994. This is made up of (1) Rs. 34,847 under Maintenance of Properties and Streets and (2) of Rs. 5,57,147 under Debt Charges. The expenditure of Rs. 26,56,487 comprises of (1) Rs. 4,80,636 under Maintenance of Properties and Streets and (2) Rs. 21,75,851 under Debt charges. The net deficit of Rs. 20,35,468 is transferred to Capital Account.

SLUM CLEARANCE**CAPITAL ACCOUNT****(CITY SECTION)**

26(1). The opening balance on 1st April 1974 was Rs. 31,92,221. An amount of Rs. 1,40,934 was received from Government as subsidy. Thus the total funds available for expenditure were Rs. 33,33,155. The total expenditure amounted Rs. 19,91,174. The deficit in the General Account amounting to Rs. 27,03,652 was transferred to Capital Account. The deficit of Rs. 13,61,671 was met by taking an advance from Surplus monies under Revenue Budget 'A' Div. I.

SINKING FUND

26(2). The position of the sinking fund is as shown below :—

Amount of Fund on 1st April 1974.	Interest etc. realisation.	Sinking Fund Instalments.	Withdrawn for payment of Loans.	Amount of Fund on 31st March 1975.
Rs.	Rs.	Rs.	Rs.	Rs.
73,62,064	3,71,685	7,10,757	..	84,44,506

The Sinking Fund on 31st March 1975 amounts to Rs. 84,44,506 of which Rs. 84,44,429 represent the Book Value of securities and Rs. 77 in cash with the State Bank of India. Valuing the Bombay Improvement Trust and Municipal Debentures at par the market value of the Sinking Fund investment held on 31st March 1975 comes to Rs. 84,39,758. This together with the amount of interest accrued upto 31st March 1975 viz. Rs. 54,050 and cash with the State Bank of India viz. Rs. 77 brings the total amount of Sinking Fund to Rs. 84,93,885 against Rs. 79,77,000 the amount to which Sinking Fund should have accumulated upto 31st March 1975. The excess in Sinking Fund Investment Account is thus Rs. 5,16,885.

SLUM CLEARANCE**CAPITAL ACCOUNT****(SUBURBAN SECTION)**

26(3). The Opening Balance on 1st April 1974 was Rs. 10,12,918. During the year under report the sale proceeds of lands and buildings amounted to Rs. 1,54,970. The total funds available for expenditure were Rs. 11,67,888. The total expenditure amounted to Rs. 23,21,728. The Deficit in the General Account amounting to Rs. 20,35,468 is transferred to Capital Account. The deficit of Rs. 31,89,308 was met by taking an advance from surplus monies under Revenue Budget 'A' Div. I.

SINKING FUND

26(4). The position of Sinking Fund is as shown below :—

Amount of Fund on 1st April 1974.	Interest etc. realisation.	Sinking Fund Instalments.	Withdrawn for payment of Loans.	Amount of Fund on 31st March 1975.
Rs.	Rs.	Rs.	Rs.	Rs.
38,61,060	2,04,074	4,84,371	..	45,49,505

The Sinking Fund as on 31st March 1975 amounts to Rs. 45,49,505 of which Rs. 45,49,483 represent the Book Value of the Securities and Rs. 22, in Cash with the State Bank of India. Valuing the Bombay Municipal and Improvement Trust Debentures at par, the market value of the Sinking Fund Investment held on 31st March 1975 comes to Rs. 45,44,795. This together with the amount of interest accrued upto 31st March 1975 viz. Rs. 25,427 and cash with the State Bank of India viz. Rs. 22 brings the total amount of the Sinking Fund to Rs. 45,70,244 against Rs. 42,80,330 the amount to which Sinking Fund should have accumulated upto 31st March 1975. The excess in the Sinking Fund Investment Account is thus Rs. 2,89,914.

EDUCATION FUND

27. (i) The following summarises the transactions for the year pertaining to Revenue and the Actuals for the preceding year:—

	1974-75			Actuals for 1973-74
	Budget Estimates	Revised Estimates	Actuals	
	Rs.	Rs.	Rs.	Rs.
Opening Balance ...	87,000	1,54,997	1,54,997	2,52,353
Income ...	12,25,37,770	11,64,42,070	13,35,86,030	11,94,98,261
Expenditure ...	12,25,38,156	11,53,77,893	12,31,88,968	12,43,75,227
	--386 (Deficit)	+5,64,177 (Surplus)	+91,97,162 (Surplus)	--48,76,66 (Deficit)
Balance ...	+86,614	+7,19,174	+1,00,52,159	--46,24,613
Add—Decrease or Deduct—Increase in Reservations as shown below: ...	...	--4,49,154	--1,00,11,196	+47,79,610
	+2,66,614	+2,70,020	+40,963	+1,54,997
(ii) The Details of reservations Increase/Decrease (+) (-) In Miscellaneous Advances ...	...	+3,06,000	+95,03,742	Rs. --14,81,758
In Renewed Grants ...	...	+1,43,154	+5,02,454	--32,97,852
Net Increase or Decrease (+) (-)	...	+4,49,154	+1,00,11,196	--47,79,610

(iii) The net unhypothecated Surplus Cash Balance on 31st March 1975 was as under:—

Liability		Assets	
	Rs.		Rs.
Miscellaneous Advance ...	1,13,58,742	Surplus Revenue Fund as per Appendix No. 31.	1,13,99,705
Minimum required by law ...	20,000		
Surplus Cash Balance ...	20,963		
Total ...	1,13,99,705	Total— ...	1,13,99,705

(iv) The Loan Liabilities at the beginning and at the end of the year were as under:—

Outstanding Debt on 1st April 1974	Loan raised during the year	Repayment of debt during the year	Outstanding debt on 31st March 1975
Rs.	Rs.	Rs.	Rs.
9,73,00,000	1,60,00,000	75,00,000	10,58,50,000

(v) The position of Sinking Fund is shown below:—

Amount of Fund on 1st April 1974	Interest etc. realised	Sinking Fund instalments	Total Sinking Fund	Withdrawal for Payment of Loans	Amount of Fund on 31st March 1975
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
4,23,15,220	23,95,609	41,43,740	4,89,51,569	75,00,000	4,12,51,569

The value of Securities held in Sinking Fund Account on the basis of Market rates prevailing on 31st March 1975 including accrued interest and cash exceeded the actuarial amount of the Sinking Fund by Rs. 59,51,174 which is held in the Sinking Fund Account.

Income

(vi) The Estimated Income for the year was Rs. 12,25,37,770 and that as per the Revised Estimates was Rs. 11,64,42,070. The Actuals amounted to Rs. 13,35,86,030 resulting in increase of Rs. 1,10,48,260 on the Budget Estimates and in increase of Rs. 1,71,43,960 on the Revised Estimates. The increase in income is mainly due to adjustments of old outstanding receipts and the additional Special Contribution drawn from Budget 'A' to cover the day to day rising expenditure under Budget E. The rate of Education Cess was continued at 2½ per cent. of rateable value of Buildings and lands the rateable value of each of which is not less than Rs. 300 per annum and 2 per cent. of the rateable value of buildings and lands, the rateable value of each of which is less than Rs. 300 per annum, but not less than Rs. 75 per annum.

Expenditure

(vii) The final sanctioned Grant amounted in the aggregate to Rs. 13,97,33,989 as follows:—

	Rs.
Budget Grants	12,25,33,156
Unexpended Grants for previous years renewed for Expenditure	19,75,911
Additional Grants	1,52,19,922
Final sanctioned grant	13,97,33,989

The transfers from one Budget Grant to another without affecting the total Budget provision of the year amounted to Rs. 46,31,500.

(viii) Against the Final Grant of the year aggregating to Rs. 13,97,33,989 as stated above, the Actuals amounted to Rs. 1,35,88,968 leaving an unexpended balance of Rs. 1,60,45,121 at the close of the year, of this a sum of Rs. 25,00,000 is being renewed for expenditure during 1975-76 against Rs. 19,97,546 in 1974-75 balance viz. Rs. 1,35,45,121 being allowed to lapse as savings.

(ix) The percentage of Establishment cost inclusive of expenditure on Dearness Allowance, Provident Fund, and Pension etc., charges to the total expenditure for 1973-74 as compared with the previous year's percentage is given below:—

Establishment	Percentage to the total expenditure during	
	1974-75	1973-74
(1) Supervisory and Subordinates	Rs. 72.63	Rs. 66.97
(2) Labour Technical and Others	8.96	7.44

Loan Funds

(x) The opening debit balance on 1st April 1974 on account of Loan Funds excluding the Trust Fund was Rs. 5,53,111. The amount of new loan proposed in the Budget for 1974-75 was Rs. 150 lacs. A loan of Rs. 160 lacs was raised during the year. The total Loan Fund available for expenditure during the year thus amounted to Rs. 1,54,46,889.

The expenditure incurred on Loan Works during the year amounted to Rs. 1,13,29,828. The closing balance at the end of the year was Rs. 41,17,061.

(xi) The following statement contrasts the expenditure on Capital Works with the Budget and revised estimates during the last three years:—

Year	LOAN AND TRUST FUND			Percentage of Actuals to Budget Estimates	Percentage of Actuals to Revised Estimates
	Budget Estimates	Revised Estimates	Actuals		
1972-73	Rs. 2,47,87,300	Rs. 2,30,69,200	Rs. 1,39,06,256	56	60
1973-74	3,68,48,150	2,94,4,240	1,52,49,705	41	51
1974-75	4,25,65,800	2,67,38,200	1,13,29,823	27	43

The percentage of actual expenditure to the funds available works out to 73.35.

(xii) The book value of investments of Sinking Fund as on 31st March 1975 amounted to Rs. 4,13,54,569 made up of Rs. 4,13,54,229 in Securities and Rs. 34) in cash with the State Bank of India, valuing the Municipal Debentures at par, the market value of the Sinking Fund investment held on 31st March 1975 comes to Rs. 4,12,31,677. This together with the amount of interest accrued upto 31st March 1975, viz. Rs. 6,62,352 and cash with the State Bank of India of Rs. 340 brings the total amount of Sinking Fund to Rs. 4,18,94,369 and more than covers the amount of Rs. 3,59,43,195 to which the sinking fund should have accumulated upto 31st March 1975. The excess in Sinking Fund Account was Rs. 59,51,174.

(xiii) The total amount invested during the year in Call and Fixed Deposit was Rs. 3,63,06,000 and the average rate of interest on all Deposits was Rs. 6.21 per cent. as against 5.53 per cent. in the preceding year. The interest earned during the year amounted to Rs. 7,30,536 as against Rs. 9,62,05) for 1973-74.

The details of investments in Fixed and call Deposits are Separately given below:—

Deposits	Amount	Interest earned during the year	Average Rate of Interest per annum
Fixed Deposits	Rs. 234,06,000	Rs. 7,01,650	6.23%
Call Deposits	Rs. 129,00,000	Rs. 28,886	5.78%
Total	Rs. 363,06,000	Rs. 7,30,536	6.21%

M. V. KAN'KAR
Chief Accountant,

APPENDICES

MUNICIPAL ACCOUNT

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IMPROVEMENT SCHEMES ACCOUNT

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EDUCATION FUND

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APPENDIX No. 1

General Financial Statistics.

	1970-71.	1971-72.	1972-73.	1973-74.	1974-75.
<i>General</i>					
1. Area of the Greater Bombay ...	435,074 sq. Kms.	407,91 sq. Kms.	437,2258 sq. Kms.	437,4359 sq. Kms.	438,2647 sq. Kms.
2. Population ...	* 59,68,546	* 59,68,546	* 59,68,546	§ 59,70,575	§ 59,70,575
<i>Rates and Assessments.</i>					
3. Rateable value Rs.	78,56,00,898	85,06,52,370	93,83,20,352	93,76,65,793	1,06,00,36,477
4. Rateable value per head of population.	Rs. 132-29	Rs. 142-52	Rs. 157-21	Rs. 165-42	Rs. 177-54
5. Properties registered in the Assessment Book	2,06,016	2,02,618	2,07,234	2,22,494	2,24,598
<i>Income.</i>					
	Rs.	Rs.	Rs.	Rs.	Rs.
	at 24 per cent.	at 24 per cent.	at 24 per cent.	at 24 per cent.	at 24 per cent.
6. General Tax ..	16,34,34,950	18,08,54,126	18,22,45,094	20,26,54,257	20,93,28,261
7. Income from other sources ..	35,70,14,534	40,22,22,691	42,06,29,398	50,61,29,376	40,57,36,410
Total Income ..	52,04,49,524	58,30,76,817	60,28,74,492	70,87,83,633	61,50,64,701
8. Incidence of Taxation per head	Rs. 77.73	Rs. 84.76	Rs. 88.88	Rs. 100.73	§ Rs. 81.98
<i>Loans.</i>					
	Rs.	Rs.	Rs.	Rs.	Rs.
9. Debt outstanding ..	1,14,34,04,554	1,18,78,63,810	1,30,74,33,299	1,41,73,21,925	†† 61,62,55,427
10. Redemption and Sinking Funds in hand or invested ...	31,67,64,227	33,04,50,236	37,08,77,713	40,73,74,073	†† 21,05,84,878
11. Net Loan Debt ...	82,66,40,327	85,74,18,574	93,65,55,586	1,00,99,47,852	†† 40,56,70,549
12. Net Debt per head of population ...	Rs. 138.50	Rs. 143.65	Rs. 156.92	Rs. 169.15	†† Rs. 67.94
<i>Expenditure</i>					
	Rs.	Rs.	Rs.	Rs.	Rs.
13. <i>Water Works—</i>					
Maintenance ...	3,92,21,606	3,22,44,839	3,39,34,629	4,59,62,564	+ ...
Debt Charges ...	6,32,33,054	6,32,86,340	6,41,91,171	6,94,41,517	+ ...
14. Primary Education ...	6,66,06,669	6,94,34,560	7,45,35,685	9,25,20,234	8,09,19,561
15. Medical Relief ...	8,00,13,329	8,72,01,960	10,69,69,857	10,89,68,776	12,96,88,026
16. Other City services ...	22,32,56,107	27,98,64,410	30,73,85,807	35,37,84,608	32,61,48,163
17. Debt Charges ..	5,34,45,485	5,54,98,706	5,82,52,166	6,19,07,813	5,48,69,727
Total Expenditure ..	52,57,76,250	58,75,30,865	64,52,69,315	73,25,85,512	59,16,25,477

* As per census 1971. § (As Finally intimated by Dy. Director of census)

† Service Head transferred to Budget 'G'.

§ Incidence of Taxation per head of population exclusive of water Tax, Halalkhore Tax and Education

†† Reduced on Account of transfer to Budget G.

APPENDIX No. 2

(Consolidated)

Revenue Account for the year ended 31st March 1975

Particulars	Total	Particulars.	Total.
	Rs. P.		Rs. P.
To Revenue Expenditure ...	59,16,25,476.68	By Revenue Receipts ...	61,50,64,700.90
By Surplus for the year ...	2,34,39,224.22		
	61,50,64,700.90		61,50,64,700.90
	Rs. P.		Rs. P.
To Revenue Expenditure to be incurred in 1975-76 and provided for as renewed grants ...	2,00,00,000.00	By Surplus Revenue Fund as at 1st April 1974 ...	8,04,71,312.15
	2,00,00,000.00	By Surplus for the year ...	2,34,39,224.22
To Balance being Surplus Revenue Fund as at 31st March 1975 as per Appendix No. 5 of Division I	+33,41,25,682.00		10,39,10,536.37
II	-15,21,37,609.25	By Contribution towards Improvement Schemes during 1974-75 ...	2,84,31,830.00
III	- 6,56,45,706.38		
	11,63,42,366.37	By Revenue of previous years reserved for the year 1974-75	40,00,000.00
	13,63,42,366.37		3,24,31,830.00
			13,63,42,366.37

Appendix No. 5

(Consolidated)

Revenue Account, Balance Sheet as at 31-3-1975

LIABILITIES	Rs. P.		Rs. P.		ASSETS		Rs. P.		Rs. P.	
Outstanding liabilities					Deposit in G. P. Notes with S. B. I.					20,20,000.00
Cash Bill outstanding					Div. I					
Budget 'A' Div. I	2,44,368.00				Cash at Bank—					
" II	1,01,762.55				Div. I Credit	14,41,027.48				
" III	5,03,275.85				Div. II Credit	55,22,871.07				
					Div. III Credit	8,07,783.54				Cr. 77,71,685.09
				8,49,406.48	Cash in Office—					
Cheques payable A/c.					Div. I	3,71,79,141.03				
Budget 'A' Div. I	1,46,55,864.26				Div. II	1,60,62,999.34				
" II	35,72,833.10				Div. III	58,06,855.47				5,90,48,995.84
" III	23,23,152.24				Municipal Loans - Interest Warrant payable Account					
				2,05,51,849.6	Budget 'A' Div. I	40,787.02				
Stores purchase outstanding A/c					" II	13,392.25				
Stock Adjustment A/c					" III	10,720.00				64,899.27
Outstanding charges for 1974-75 and previous years				1,00,906.0	B.I.T. Loans Interest Warrant payable Account					
Budget 'A' Div. I	1,20,00,000.00				Interest on B.I.T. Loans payable Account					6,194.55
" II	60,00,000.00				Current Account with State Bank of India for payment of Interest on Suburban Loans					
" III	23,00,000.00				Budget 'A' Div. II	4,76,416.46				
				2,00,00,000.00	" III	10,00,034.42				14,76,450.88
Outstanding charges in respect of interest Accrued but not paid					Current Account with State Bank of India for repayment payable A/c.					10,500.00
Budget 'A' Div. I	47,49,758.01				Interest Receivable Account					14,10,000.00
" II	25,20,546.79				Due for Stores Sold					2,36,26,996.60
" III	14,88,703.38				Advances Recoverable Account					
				87,59,008.18	Budget 'A' Div. I	8,35,49,587.07				
Deposit in Cash and Public Securities from contractors and Private Parties					" II	1,82,63,858.10				
Budget 'A' Div. I	18,39,39,365.59				" III	43,86,129.37				10,61,99,574.54
" II	11,94,00,390.49				Capital Stores purchase A/c.					37,89,732.58
" III	4,34,84,834.92				Reserve Stores purchase A/c.					1,80,973.71
				34,68,24,591.00	Deposit in Securities from public with State Bank of India					
Interest on loans payable A/c					Budget 'A' Div. I	68,69,800.00				
Budget 'A' Div. I	2,25,596.33				" II	9,02,290.12				
" II	3,00,461.42				" III	4,11,050.00				81,83,140.12
" III	1,24,370.00				In Office.					
				6,50,427.75	Budget 'A' Div. I	2,24,550.00				
Amount Payable to Budget E					" II	2,40,250.00				
				47,69,153.61	" III	4,88,680.00				9,53,480.00
Amount Payable to Budget G					Investment in Securities fixed Deposit Call & current A/c.					18,00,18,487.89
				2,02,81,624.70	Investment of Surplus Monies in Public Securities					38,013.14
Account of accumulated Revenue Surplus by Budget A to Budget G Payable					Accumulated Revenue Surplus of Water Works Account as on 31-3-1974					10,66,42,219.54
				10,66,42,219.50	Unadjusted Reserve Stores A/c. Stock					1,85,41,312.63
					Unadjusted Reserve Stores A/c. Stores (F. R.)					3,97,542.98
					Advance from Surplus monies for Capital Works—					
					Budget 'A' Div. I	45,50,978.93				
					" II	52,15,577.00				
					" III	12,70,146.73				1,10,36,702.66
					Advances from Surplus monies for purchase of Plant and Machinery					27,51,868.00
					Advance Recoverable 14A(b)					37,85,691.00
					Advances Reserve Stores 14 D					1,05,56,649.07
Total C. F. ...				53,29,63,499.91	Total C. F. ...					53,29,68,499.91

Appendix No. 5—Contd.

(Consolidated)

LIABILITIES		ASSETS	
	Rs.	P.	
Total B.O.			Total B.O.
		53,29,68,499.91	
Special Fund Account.			Investment of Special Fund in advance for purchase of Plant and Machinery.
Municipal Fire and Accident Insurance Fund A/c.		39,35,545.00	Advance from Plant & Machinery Depreciation Fund for levelling and Matilling etc.
Net Premia Fund Account		18,18,653.33	Advance from Net Premia Fund for purchase of Plant and Machinery to Municipal Printing Press
Provident Fund Account		30,41,50,344.70	Municipal Fire & Accident Insurance Fund
Plant and Machinery Depreciation Fund Account		33,07,428.17	Plant and Machinery depreciation Fund
Hospital Fund Account			Net Premia Fund
Budget 'A' Div. I	20,14,383.71		K. E. M. Hospital G. S. M. College Research Fund
" II	1,41,691.87		Hospital Fund
" III	94,500.00		Land R. A. Fund
		22,50,575.59	G. S. M. College K. E. M. Hospital Equipment Fund
K. E. M. Hospital G. S. M. College Equipment Fund A/c.		1,80,971.04	Investment of Special Fund in Securities.
G. S. M. College K. E. M. Hospital Research Fund A/c.		83,739.67	Provident Fund
Fidelity Guarantee Insurance Fund A/c.		5,70,855.54	Fidelity Guarantee Ins. Fund
Motor Vehicles (Third party) Insurance Fund A/c.		12,00,000.00	Motor Vehicles (Third party) Ins. Fund
Land R. A. Fund Account		1,13,78,061.90	Endowment Fund
Pension Fund Account		13,88,37,692.01	Public Monument Maintenance Fund
Gratuity Fund Account		1,34,04,272.20	Budget 'A' Div. I
Public Monument Maintenance Fund Account			" II
Budget 'A' Div. I	1,22,912.44		
" II	16,317.94		
		1,39,230.3	Hospital Fund
Endowment Fund Account		13,55,111.44	Budget 'A' Div. II
Secondary Schools Committee Gymnasium Fund A/c. Div. II		6,840.97	" III
Development Funds		1,53,000.00	
		48,26,69,323.02	Secondary Schools Committee Gymnasium Fund Div. II
Total Special Fund A/c.			Investment of Special Funds in Fixed Deposit and Cash etc.
Surplus Revenue Fund A/c.			Municipal Fire and Accident Insurance Fund
Budget 'A' Div. I	33,41,25,682.00		Net Premia Fund
Deficit " II	15,21,37,609.25		Provident Fund
Deficit " III	6,56,45,706.30		Plant & Machinery Depreciation Fund
		11,63,42,366.3	Hospital Fund
			Budget 'A' Div. I
			" II
Total C.F.		1,13,19,80,18.30	Total C.F.
			Total C.F.
			53,29,68,499.91

Appendix No. 5—Concl.
(Consolidated)

LIABILITIES					ASSETS				
	Rs.	P.	Rs.	P.		Rs.	P.	Rs.	P.
Total B.O....			1,13,19,80.1	9.30	Total B.O. ...			53,29,68,499.91	
					Total B.O. ...			32,86,30,090.62	
					K. E. M. Hospital G. S. M.			1,80,551.40	
					College Equipment Fund ..			39,332.71	
					G. S. M. College K. E. M.			55.54	
					Hospital Research Fund ..			13,76,091.88	
					Fidelity Guarantee Insurance			50,000.00	
					Fund Land R. A. Fund ..			13,88,37,692.01	
					Motor Vehicle (Third party)			1,34,04,272.20	
					Insurance Fund ..			1,112.15	
					Pension Fund ..				
					Gratuity Fund ..				
					Endowment Fund ..				
					Public Monument Maintenance				
					Fund.				
					Budget 'A' Div. I ..	92.00			
					" II ..	17.94			
								109.94	
					Secondary Schools Committee			14.57	
					Gymnasium Fund Div. II ..				
					Development Fund ..			1,50,000.00	
					Total Investment Special Fund			48,26,69,323.02	
					Investment of Surplus Revenue				
					Fund				
					Stock—(Appendix 14 D)			47,15,399.97	
					Plant & Machinery Purchased				
					out of S.C.B.				
					Budget 'A' Div. I ..	23,51,189.96			
					" II ..	25,077.82			
					" III ..	11,576.33			
								23,87,844.11	
					Advances out of S.C.B.				
					Budget 'A' Div. I ..	6,50,34,888.48			
					" II ..	3,11,93,773.71			
					" III ..	1,22,99,241.40			
								10,85,27,903.59	
					Investment in Current A/C ..			7,11,218.70	
					Total Surplus Revenue Fund ..			11,63,42,366.37	
Grand Total..			1,13,19,10,18 ⁰ .30		Grand Total ..			1,13,19,83,182.30	

Investment

	Paper	Fix. Dip.	Interest bearing Current A/c.	S.B.I.	Total
	Rs.	Rs.	Rs.	Rs.	Rs.
Division I	3,68,38,600.00	11,59,99,300.00	80,44,099.12	6,38,541.17	16,15,20,540.29
Division II	51,07,000.80	20,00,000.00	60,65,750.91	2,00,926.39	1,33,73,678.10
Division III	15,57,150.00	25,00,000.00	17,71,998.90	6,339.30	58,35,488.20
Total	4,35,02,750.80	12,04,99,300.00	1,58,81,848.93	8,45,806.86	18,07,29,706.59

APPENDIX No. 7.
(CITY)

Capital Fund Balance Sheet as at 31st March 1975

LIABILITIES	Rs.		P.		ASSETS	Rs.
	Rs.	P.	Rs.	P.		
Loans Outstanding :-					Block Account :-	
Fire to Public— (Vide details as shown in Appendix No. (11))	55,46,05,134	89			Loan Funds—	
Advances from Special Funds— (Vide details as shown in Appendix No. (11))	1,91,04,530	51			Property and Assets at original cost per Appendix No. 8	Rs. 61,29,90,993 P. 86
Trust Fund Account—					Deduct—Subventions granted for the conversions of privies into water closets, shown below	14,67,553 00 61,15,23,430 86
Contribution from— The Trustees of the late Justice Badruddin Tyabji Memorial Fund for the construction of Orchard House at Victoria Garden ...	1,694	50			And—Subventions granted for the conversion of privies into water closets Rs. 22,97,055.00	
Donation from— Reserve Bank of India for construction of a ward 38/40 beds for accommodating their Sick employ- ees in K. E. M. Hospital ...	48,417	39			Deduct—Expenditure written off Rs. 8,29,492.00	14,67,553 00 51,29,90,993
Amount received from Central Government for Isolation Hospital	1,25,000	00			Trust Fund—	
Donation from M/s Everest Chemical	1,832	93			Expenditure as per Appendix No. 8	81,55,155
Surplus—						
CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES—						
Sinking Fund on Loans	52,45,52,651	83			Municipal Land and Buildings Fund—	
Contributions from Special Funds	8,03,171	02			Land purchased and Buildings erected as per Appendix No. 8	43,53,043
Do. Revenue for Loan Works Establishment	17,849	98			Sinking Fund—	
Do. Port Trust	1,54,500	00			Investments—	
Do. Government for Schools	5,00,000	00			As per Appendix No. 10 (a)	32,49,52,651
Do. Government for widening the Levee Grove Bridge	91,234	00			Loan and Trust Funds—	
Do. Land and Buildings Fund	43,03,043	42			Amount reserved for capital stores	2,52,41,267
Do. Development Fund	1,29,89,110	46			In fixed deposits	1,19,52,200 00
Do. Revenue towards Bai Jerbai Wadia Hospital for Children	7,00,000	00			In cash	37 14
Do. Trust Fund	81,95,155	54				1,19,52,237
Do. Trustees Gokuldas Tejpal Charities	18,123	64				
Grant in aid from Government for widening the Road in Colaba division	12,975	87				
Loan Redemption Fund (Rs. 29,61,90,170.59 Less— Assets written off Rs. 2,51,81,200.39)	26,10,08,970	20				
Grand Total			61,37,49,737	96		93,76,35,349 41

(a) For Face, Purchase and Market Values of Securities held in the Sinking Funds please see Appendix No. 16A—
The amount represents the balance on account of Trust Funds and Loan Funds.

APPENDIX No. 7

(Suburbs)

Capital Fund Balance Sheet as at 31st March 1975.

LIABILITIES.				ASSETS.					
	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	
Loans Outstanding—					Block Account—				
Due to Government—					Loan funds—				
Due to Public—	15,89,11,833	00	15,89,11,833	00	Property and Assets at original cost as per Appendix No. 8	21,52,88,224	71	21,52,88,224	71
(Vide details as shown in Appendix No. 11).					Trust Fund—				
Surplus—					Expenditure as per Appendix No. 8			3,27,408	00
Capital Assets at original cost over Liabilities—					Sinking Fund—				
Sinking Fund on Loans	7,41,62,984	59			As per Appendix No 10			7,41,62,984	59
Contribution from Trust Fund	4,25,215	69			Loan and Trust Funds—				
Contribution from Government†					In Paper Deposit				
Advance for Surplus money	52,15,577	00			In fixed deposits				
Contribution from Budget A Div. I	3,00,000	00			In Cash				
Loan Redemption Fund	8,10,34,941	58							
Less—									
Assets written off ‡	2,71,934	56							
	8,07,63,007	02	6,03,66,724	30					
Grand Total ..			11,97,78,617	30	Grand Total ..			11,97,78,617	30

* Includes, an advance of Rs. 39,82,423.39 for purchase of plant and machinery.

† Transferred to Budget 'C' during 1974-75

‡ Assets written off as per Annual A/c. 73-74. 8,23,218.47—5,51,283.91 Transferred to Budget 'C' during 74-75=2,71,934.56.

AFFENDIX No. 7.
(CITY)

Capital Fund Balance Sheet as at 31st March 1975

LIABILITIES.	Rs. P.		Rs. P.		ASSETS.	Rs. P.		
Loans Outstanding :-					Block Account :-			
Fire to Public— (Vide details as shown in Appendix No. (II))	55,46,05,134.89				Loan Funds—			
Advances from Special Funds— (Vide details as shown in Appendix No. (II))	1,91,00,530.51				Property and Assets at original cost per Appendix No. 8	Rs. 61,29,90,993	P. 86	
Trust Fund Account—		Rs. P.			Deduct—Subventions granted for the conversions of privies into water closets, shown below	14,67,553	00	
Contribution from— The Trustees of the late Justice Badruddin Tyabji Memorial Fund for the construction of Orchard House at Victoria Garden ...		1,694	50			61,15,23,430	86	
Donation from— Reserve Bank of India for construction of a ward 38/40 beds for accommodating their Sick employ- ees in K. E. M. Hospital ...		48,417	39		1/4—Subventions granted for the conversion of privies into water closets Rs. 22,97,055.00			
Amount received from Central Government for Isola- tion Hospital ...		1,25,000	00		Deduct—Expenditure written off Rs. 8,29,472.00	14,67,553	00	
Contribution from m/s Everest Chemical ...		1,830	93		Trust Fund—			
			1,76,745.82		Expenditure as per Appendix No. 8		81,55,155	54
Surplus —					Municipal Land and Buildings Fund—			
CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES—					Land purchased and Buildings erected as per Appendix No. 8		43,03,043	42
Sinking Fund on Loans	32,45,52,651.83				Sinking Fund —			
Contributions from Special Funds	8,03,171.02				Investments—			
Do. Revenue for Loan Works Establishment	17,809.98				As per Appendix No. 10	(a)	32,49,52,651	83
Do. Port Trust	1,57,500.00				Loan and Trust Funds—			
Do. Government for Schools	5,00,000.00				Amount reserved for capital stores		2,52,41,267	69
Do. Government for widening the Levee Grove Bridge	91,234.00				In fixed deposits	1,19,52,200	00	
Do. Land and Buildings Fund	43,03,043.42				In cash	37	14	
Do. Development Fund	1,29,89,110.46						2	
Do. Revenue towards Bai Jerbai Wadia Hospital for Children	7,00,000.00						1,19,52,237	14
Do. Trust Fund	81,95,155.54							
Do. Trustees Gokuldas Tejpal Charities	18,123.64							
Grant in aid from Government for widening the Road in Colaba division	12,975.87							
Loan Redemption Fund (Rs. 29,61,90,170.59)								
Less— Assets written off (Rs. 2,51,81,200.39)								
	26,10,08,972.20		61,37,49,737.96					
Grand Total			93,76,35,349.48				93,76,35,349	48

(a) For Face, Purchase and Market Values of Securities held in the Sinking Funds please see Appendix No. 16A—
The amount represents the balance on account of Trust Funds and Loan Funds.

APPENDIX No. 7

(Suburbs)

Capital Fund Balance Sheet as at 31st March 1975.

LIABILITIES.				ASSETS.			
	Rs.	P.	Rs.	P.		Rs.	P.
Loans Outstanding—					Block Account—		
Due to Government—					Loan funds—		
Due to Public—	15,89,11,833	00	15,89,11,833	00	Property and Assets at original cost as per Appendix No. 8	24,52,88,224	71
(Vide details as shown in Appendix No. 11).						24,52,88,224	71
Surplus—					Trust Fund—		
Capital Assets at original cost over Liabilities—					Expenditure as per Appendix No. 8		3,27,408 00
Sinking Fund on Loans	7,41,62,984	59			Sinking Fund—		
Contribution from Trust Fund	4,25,215	69			As per Appendix No 10		7,41,62,984 59
Contribution from Government†					Loan and Trust Funds—		
Advance for Surplus money	52,15,577	00			In Paper Deposit		
Contribution from Budget A Div. I	3,00,000	00			In fixed deposits		
Loan Redemption Fund	8,10,34,941	58			In Cash		
Less—							
Assets written off ‡	2,71,934	56					
	8,07,63,007	02	6,08,66,784	30			
Grand Total ..			31,97,78,617	30	Grand Total ..	31,97,78,617	30

* Includes an advance of Rs. 38,82,423 39 for purchase of plant and machinery.

† Transferred to Budget 'C' during 1974-75

‡ Assets written off as per Annual A/c. 73-74. 8,23,218.47—5,51,283.91 Transferred to Budget 'C' during 74-75=2,71,934.56.

APPENDIX No. 7.

(EXTENDED SUBURBS)

Capital Fund Balance Sheet as at 31st March 1975.

LIABILITIES,		ASSETS.	
	Rs. P.		Rs. P.
Loans Outstanding—		Block Account—	
Due to Government ...	...	Loan Fund—	
Due to Public (Appendix No. 11) ...	8,36,33,929.00	Property and Assets at original* cost ...	10,73,66,395.51
Surplus—		Sinking Fund ...	2,94,25,392.98
Capital Assets at original cost over Liabilities Sinking Fund on Loan ...	2,94,25,392.98	Loan Funds—	
(Appendix No. 10)		In paper deposits ...	...
Loan Redemption Fund	2,24,62,319.78	In cash ...	...
Advance From Surplus Money ...	12,70,146.73		
Contribution from Government† ...	...	
	5,31,57,859.49		...
Total ...	13,67,91,788.49	Total ..	13,67,91,788.49

* Includes an advance of Rs. 3,90,291.93 given for purchase of Plant and Machinery.

† Transferred to Budget 'G' from 1974-75.

Div.—III

APPENDIX No. 8.
(CITY)
SUMMARY

	Capital Expenditure upto 31st March 1975.	Expenditure During 1974-75.	Total Capital Expenditure upto 31st March 1975.
		Out of Loan Funds.	
	Rs.	Rs.	Rs.
(1) Loan Funds			
I.—General supervision, Collec- tion of Revenue, etc. ...	2,08,98,040	29,30,981	2,38,29,021
II.—Water Works ...	95,36,54,172	Cr. 95,36,54,172	...
III.—Education, Primary ...	27,98,012	...	27,98,012
IV.—Free Reading Rooms, libraries and Municipal High Schools	3,47,803	5,95,702	9,43,505
V.—Public Health Department ...	1,43,76,010	2,86,101	1,46,62,111
VI.—Medical Relief and Education	8,62,24,128	74,23,697	9,36,47,825
VII.—Street, Cleansing and Conser- vancy Road Watering and Halalkhore Service ...	7,36,56,515	Cr. 6,27,26,243	1,09,30,272
VIII.—Roads, Drains and Sewers ...	21,98,08,906	1,60,80,252	23,58,89,158
IX.—Mechanical ...	37,11,597	...	37,11,597
X.—Buildings, Land Acquisition and Management ...	9,81,86,146	Cr. 40,52,133	9,41,34,013
XI.—Fire Brigade ...	55,25,111	4,49,699	59,74,810
XIII.—Gardens and Open Spaces ...	1,65,67,659	15,90,031	1,81,57,690
XIV.—Markets and Slaughter Houses	6,24,90,752	1,11,00,597	7,35,91,349
XV.—Slum Service ...	50,75,492	...	50,75,492
XVI.—Measures for Civil Defence...	1,87,148	...	1,87,148
XVII.—Greater Bombay ...	2,81,069	...	2,81,069
XVIII.—Industrial Estates ...	95,92,273	65,057	96,57,330
Discount and other charges on Loans	17,48,765	Cr. 13,88,528	3,60,237
Plant and Machinery ...	1,65,03,025	26,57,330	1,91,60,355
(1) Loan Funds—Total.	1,59,16,32,623	Cr. * 97,86,41,629	61,29,90,994
(2) Trust Fund			
Works executed ...	79,96,939	1,98,166	81,95,155
(3) Worn out Water Mains Renewal Fund			
Works executed ...	9,64,526	Cr. 9,64,526	...
(4) Land and Buildings Fund			
Lands purchased and buildings erected ...	43,03,044	...	43,03,044
Grand Total.	1,60,48,97,182	97,94,07,989	62,54,89,193

* This figure shows total expenditure during the year after deduction of Rs. 40,22,234 on account of Assets written off during the year & amount of Rs. 1,10,76,091 transfer to Budget C.

Note—Figure as per para 10 is assets written off during the year which is not deducted in para 10 of Annual A/c. & amount transferred to Budget C.

Rs. 4,61,56,696
1,02,47,98,325
97,86,41,729

APPENDIX No. 8

(Suburbs)

SUMMARY

	Total Capital expenditure upto 31st March 1974.		Expenditure during 1974-75.		Total Capital expenditure upto 31st March 1974.	
	Rs.	P.	Rs.	P.	Rs.	P.
(1) Loan Funds.						
I.—General Supervision, Collection of Revenue, etc. ...	39,60,566.90		8,88,659.40		48,49,326.30	
II.—Water Works ...	4,43,83,823.91		Cr. 4,43,83,823.91		...	
III.—Education Primary ...	1,24,023.59		...		1,24,023.59	
IV.—Free Reading Rooms, Library etc. ...	67,040.20		...		67,040.20	
V.—Public Health Department ...	10,24,863.67		4,02,733.13		14,27,601.80	
VI.—Medical Relief and Education ...	1,64,75,614.94		64,06,936.54		2,28,82,631.48	
VII.—Street Cleansing and Conservancy, etc. ...	5,88,57,905.33		Cr. 5,74,27,616.33		14,30,287.00	
VIII.—Roads, S. W. Drains and Public Lighting ...	13,17,74,624.42		2,07,22,538.50		15,24,97,213.02	
IX.—Mechanical ...	50,501.36		...		50,501.36	
X.—Buildings, Land Acquisition and Management ...	2,89,00,291.64		37,31,358.59		3,26,31,650.23	
XI.—Fire Brigade ...	15,13,699.06		1,53,155.45		16,66,854.51	
XIII.—Gardens and Open Spaces ...	28,09,576.34		29,505.75		28,39,082.09	
XIV.—Markets and Slaughter Houses ...	53,03,849.75		14,06,959.62		72,10,509.37	
XV.—Slum service and Village Amenities ...	39,36,180.96		...		39,36,130.96	
XVI.—Industrial Estates ...	80.00		...		80.00	
Suspense Account ...	22,95,302.67		10,91,729.11		33,87,031.78	
Plant and Machinery ...	64,05,485.63		38,82,423.39		1,02,87,909.02	
Discount and other charges on Loans ...	...		...		...
(1) Loan Funds—Total ...	30,83,83,465.37		Cr. 6,30,95,240.66		24,52,88,224.71	
(2) Trust Fund						
Works Executed ...	3,27,408.00		...		3,27,408.00	
...	30,87,10,873.37		Cr. 6,30,95,240.66		24,56,15,632.71	
Deduct Assets transferred to Budget C during 1974-75	...		10,18,11,440.24		...	
Net expenditure	...		3,87,6,199.58		...	

II.—Water Works	4,43,83,823.91
VII.—Street Cleansing etc.	5,74,27,616.33
	<u>10,18,11,440.24</u>

APPENDIX No. 8

(EXTENDED SUBURBS)

SUMMARY

	Total Capital Expenditure upto 31st March 1974		Expenditure during 1974-75		Total Capital Expenditure upto 31st March 1975	
	Rs.	P.	Rs.	P.	Rs.	P.
Loan Funds						
I.—General, Supervision, Collection of Revenue, etc.	35,07,546.07		1,91,225.33		36,98,771.40	
II.—Water Works ..	2,45,80,100.50*		2,45,80,100.50*		..	
V.—Public Health Department ..	9,92,268.69		36.59		9,92,305.28	
VI.—Medical Relief and Education ..	92,31,087.94		30,14,972.37*		1,22,46,060.31	
VII.—Street Cleansing and Conservancy etc. ..	3,28,68,992.72*		2,75,72,267.73		52,96,724.99	
VIII.—Roads, S. W. Drains and Public Lighting ..	6,16,15,922.11		95,16,536.19		7,11,32,458.30	
IX.—Mechanical ..	17,075.00		..		17,075.00	
X.—Buildings, Land Acquisition and Management ..	62,57,351.92		9,92,758.96		72,50,110.88	
XI.—Fire Brigade ..	10,72,947.97		9,29,738.36		20,02,686.33	
XIII.—Gardens and Open Spaces ..	10,61,049.01		1,14,032.53		11,75,081.54	
XIV.—Markets and Slaughter Houses ..	17,50,721.92		1,04,190.45		18,54,912.37	
XV.—Slum Service and Village Amenities ..	11,42,166.81		..		11,42,166.81	
Plant and Machinery ..	3,92,907.92		1,19,911.88		5,12,819.80	
Discount and other charges on Loans ..	45,222.50		..		45,222.50	
Grand Total ..	14,45,35,361.08		Cr3,71,68,965.57		10,73,66,395.51	
<i>Deduct</i> —Assets transferred to Budget 'G' during 1974-75 ..	.....		5,21,53,751.22*		...	
Net Expenditure ..	...		1,49,84,785.65		...	

* II—Water Works .. 2,45,80,100.50

VII—St. Cleansing etc. .. 2,75,73,650.72

5,21,53,751.22

Statement showing Outstanding Loans due by the Municipal Corporation the interest outstanding on 1st State Bank of India, and in Office during that year

Serial No.	Particulars of Loans.	Rate of Interest per Annum	Balance due on 1st April 1974.		Amount raised in 1974-75.		Total.		Amount re-paid in 1974-75	
			Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
Loans raised from Public										
1	Rs. 70 Lakhs Loan for reduplication Tansa and other Auxiliary Works ..	4 %	20,60,000.00				20,60,000.00			20,60,000.00
2	Rs. 75 Lakhs Loan (1947-48) ..	3½%	75,00,000.00				75,00,000.00			
3	Rs. 1.25 Crores Loan (1949-50) ..	3½%	88,14,500.00				88,14,500.00			
4	Rs. 200 Lakhs Loan (1962-63) ..	4½%	2,00,00,000.00				2,00,00,000.00			2,00,00,000.00
5	Rs. 165 Lakhs Loan (1963-64) ..	4½%	1,65,00,000.00				1,65,00,000.00			
6	Rs. 220 Lakhs Loan (1964-65) ..	5%	2,20,00,000.00				2,20,00,000.00			
7	Rs. 250 Lakhs Loan (1965-66) ..	5½%	2,50,00,000.00				2,50,00,000.00			
8	Rs. 250 Lakhs Loan (1966-67) ..	5½%	2,50,00,000.00				2,50,00,000.00			
9	Rs. 400 Lakhs Loan (1967-68) ..	6%	2,90,95,000.00				2,90,95,000.00			
10	Rs. 200 Lakhs Loan (1967-68) ..	7%	2,00,00,000.00				2,00,00,000.00			
11	Rs. 40 Lakhs Loan (1968-69) ..	6%	4,40,00,000.00				4,40,00,000.00			
12	Rs. 300 Lakhs Loan (1968-69) ..	7%	3,00,00,000.00				3,00,00,000.00			
13	Rs. 550 Lakhs Loan (1969-70) ..	6%	6,15,98,000.00				6,15,98,000.00			
14	Rs. 600 Lakhs Loan (1969-70) ..	7%	6,00,00,000.00				6,00,00,000.00			
15	Rs. 100 Lakhs Loan (1970-71) ..	6%	1,15,41,000.00				1,15,41,000.00			
16	Rs. 370 Lakhs Loan (1971-72) ..	6%	4,07,00,000.00				4,07,00,000.00			
17	Rs. 260 Lakhs Loan (1972-73) ..	6%	2,86,00,000.00				2,86,00,000.00			
18	Rs. 400 Lakhs Loan (1973-74) ..	6%	4,40,00,000.00				4,40,00,000.00			
19	Rs. 150 Lakhs Loan (1974-75) ..	6½%			1,65,00,000.00		1,65,00,000.00			
Total Loans raised from Public			49,64,08,500.00		1,65,00,000.00		51,29,08,500.00			2,20,60,000.00

No. 11 City

April 1974 on the different Loans, the amount payable for the year 1974-75, the amount paid by the and the balances outstanding on 31st March 1975.

Balance due on 31st March 1975.		Interest outstanding on 1st April 1974		Interest payable in 1974-75.		Total interest due		Deduct—Interest paid by the State Bank of India and in Office.		Outstanding balance on 31st March 1975.	
8		9		10		11		12		13	
Rs.	Pa.	Rs.	Pa.	Rs.	Pa.	Rs.	Pa.	Rs.	Pa.	Rs.	Pa.
		9,675.89		41,200.00		50,875.89		50,875.89		..	
75,00,000.00		6,220.05		2,43,750.00		2,49,970.05		2,46,353.92		3,616.13	
88,14,500.00		44,813.92		2,86,471.25		3,31,285.17		2,83,501.08		47,784.09	
..		29,331.25		9,50,000.00		9,79,331.25		9,79,331.25		..	
1,65,00,000.00		3,682.03		7,83,750.00		7,87,432.03		7,76,889.43		10,542.60	
2,20,00,000.00		25,762.50		11,00,000.00		11,25,762.50		11,04,880.50		20,882.00	
2,50,00,000.00		112.75		14,37,500.00		14,37,612.75		14,35,315.00		2,297.75	
2,50,00,000.00		2,87,831.25		14,37,500.00		17,25,331.25		17,24,597.49		733.76	
2,90,95,000.00		1,230.00		17,45,700.00		17,46,930.00		17,43,150.00		3,780.00	
2,00,00,000.00		..		14,00,000.00		14,00,000.00		14,00,000.00		..	
4,40,00,000.00		36,900.00		26,40,000.00		26,76,900.00		26,57,850.00		19,050.00	
3,00,00,000.00		..		21,00,000.00		21,00,000.00		21,00,000.00		..	
6,15,58,000.00		43,395.00		36,95,880.00		37,39,275.00		37,14,630.00		24,645.00	
6,00,00,000.00		..		42,00,000.00		42,00,000.00		42,00,000.00		..	
1,15,41,000.00		..		6,92,460.00		6,92,460.00		6,92,460.00		..	
4,07,00,000.00		26,243.00		24,42,000.00		24,68,243.00		24,49,223.00		19,020.00	
2,86,00,000.00		20,100.00		17,16,000.00		17,36,100.00		16,96,305.00		39,795.00	
4,40,00,000.00		..		26,40,000.00		26,40,000.00		26,06,550.00		33,450.00	
1,65,00,000.00		
49,08,48,500.00		5,35,297.64		2,95,52,211.25		3,00,87,508.89		2,98,61,912.56		2,25,596.33	

Appendix

Serial No.	Particulars of Loans and Advances	Rate of Interest. p:r Annum	Balance due on 1st April 1974.		Amount raised in 1974-75.		Total.		Amount re-paid 1974-75.	
			Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
	Loans raised from Internal									
1	Rs. 10 Lakhs Loan for the conversion of Storm Water Reservoir at Clerk Road into Public Park (1920)	5 %	10,00,000	00	..	..	10,00,000	00	..	..
2	Rs. 22 Lakhs Loan (1944-45)	3½%	22,00,000	00	..	..	22,00,000	00	22,00,000	00
3	Rs. 25 Lakhs Loan (1945-46)	3½%	25,00,000	00	..	..	25,00,000	00	..	..
4	Rs. 54 Lakhs Loan (1946-47)	3 %	54,00,000	00	..	..	54,00,000	00	..	..
5	Rs. 61 Lakhs Loan (1948-49)	3 %	61,00,000	00	..	..	61,00,000	00	..	..
6	Rs. 80 Lakhs Loan (1950-51)	3½%	80,00,000	00	..	..	80,00,000	00	..	..
7	Rs. 70 Lakhs Loan (1954-55)	4 %	70,00,000	00	..	..	70,00,000	00	70,00,000	00
8	Rs. 130 Lakhs Loan (1956-57)	4 %	1,30,00,000	00	..	..	1,30,00,000	00	..	..
9	Rs. 100 Lakhs Loan (1957-58)	4½%	1,00,00,000	00	..	..	1,00,00,000	00	..	..
10	Rs. 100 Lakhs Loan (1958-59)	4½%	1,00,00,000	00	..	..	1,00,00,000	00	..	..
11	Rs. 170 Lakhs Loan (1960-61)	4½%	1,70,00,000	00	..	..	1,70,00,000	00	..	..
12	Rs. 225 Lakhs Loan (1961-62)	4½%	2,25,00,000	00	..	..	2,25,00,000	00	..	..
13	Rs. 150 Lakhs Loan (1962-63)	4½%	1,50,00,000	00	..	..	1,50,00,000	00	..	..
14	Rs. 235 Lakhs Loan (1963-64)	4½%	2,35,00,000	00	..	..	2,35,00,000	00	..	..
15	Rs. 100 Lakhs Loan (1964-65)	4½%	1,00,00,000	00	..	..	1,00,00,000	00	..	..
16	Rs. 300 Lakhs Loan (1965-66)	6 %	3,00,00,000	00	..	..	3,00,00,000	00	..	..
17	Rs. 200 Lakhs Loan (1965-66)	6 %	2,00,00,000	00	..	..	2,00,00,000	00	..	..
18	Rs. 400 Lakhs Loan (1966-67)	6 %	4,00,00,000	00	..	..	4,00,00,000	00	..	..
19	Rs. 250 Lakhs Loan (1966-67)	6 %	2,50,00,000	00	..	..	2,50,00,000	00	..	..
20	Rs. 800 Lakhs Loan (1967-68)	6 %	8,00,00,000	00	..	..	8,00,00,000	00	..	..
21	Rs. 325 Lakhs Loan (1968-69)	6 %	3,25,00,000	00	..	..	3,25,00,000	00	..	..
22	Rs. 200 Lakhs Loan (1972-73)	6 %	2,00,00,000	00	..	..	2,00,00,000	00	..	..
23	Rs. 400 Lakhs Loan (1972-73)	6 %	4,00,00,000	00	..	..	4,00,00,000	00	..	..
24	Rs. 250 Lakhs Loan (1973-74)	6 %	2,50,00,000	00	..	..	2,50,00,000	00	..	..
25	Rs. 250 Lakhs Loan (1974-75)	6½%	..	..	2,50,00,000	00	2,50,00,000	00	..	..
	Total Loans raised from Internal	..	46,57,00,000	00	2,50,00,000	00	49,07,00,000	00	92,00,000	00
	Total Loans raised from Public	..	49,64,08,500	00	1,65,00,000	00	51,29,085	00	2,20,60,000	00
	Total from Public and Internal	..	96,21,08,500	10	4,15,00,000	00	1,00,36,08,500	00	3,12,60,000	00

No. 11 City—(Contd.)

Balance due on 31st March 1975.		Interest outstanding on 1st April 1974.		Interest payable in 1974-75.		Total Interest due.		Deduct-Interest paid by the State Bank of India and in Office		Out standing Balance on 31st March 1975.	
8		9		10		11		12		13	
Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.
10,00,000	00	..	..	50,000	00	50,000	00	50,000	00	..	..
...	...	..	..	77,000	00	77,000	00	77,000	00	..	..
25,00,000	00	..	..	87,500	00	87,500	00	87,500	00	..	..
54,00,000	00	..	..	1,62,000	00	1,62,000	00	1,62,000	00	...	...
61,00,000	00	..	..	1,83,000	00	1,83,000	00	1,83,000	00	..	..
80,00,000	00	..	..	2,60,000	00	2,60,000	00	2,60,000	00	...	...
...	...	..	..	2,80,000	00	2,80,000	00	2,80,000	00	..	..
1,30,00,000	00	..	..	5,20,000	00	5,20,000	00	5,20,000	00	..	..
1,00,00,000	00	..	..	4,25,000	00	4,25,000	00	4,25,000	00	..	..
1,00,00,000	00	..	..	4,25,000	00	4,25,000	00	4,25,000	00	..	..
1,70,00,000	00	..	..	7,22,500	00	7,22,500	00	7,22,500	00	...	...
2,25,00,000	00	..	..	9,56,250	00	9,56,250	00	9,56,250	00	...	...
1,50,00,000	00	..	..	6,75,000	00	6,75,000	00	6,75,000	00	..	..
2,35,00,000	00	..	..	11,16,250	00	11,16,250	00	11,16,250	00	...	...
1,00,00,000	00	..	..	4,75,000	00	4,75,000	00	4,75,000	00	...	...
3,00,00,000	00	..	..	18,00,000	00	18,00,000	00	18,00,000	00	...	...
2,00,00,000	00	..	..	12,00,000	00	12,00,000	00	12,00,000	00	...	...
4,00,00,000	00	..	..	24,00,000	00	24,00,000	00	24,00,000	00	...	...
2,50,00,000	00	..	..	15,00,000	00	15,00,000	00	15,00,000	00	...	...
8,00,00,000	00	..	..	48,00,000	00	48,00,000	00	48,00,000	00	...	...
3,25,00,000	00	..	..	19,50,000	00	19,50,000	00	19,50,000	00	...	...
2,00,00,000	00	...	...	12,00,000	00	12,00,000	00	12,00,000	00	...	...
4,00,00,000	00	..	..	24,00,000	00	24,00,000	00	24,00,000	00	...	...
2,50,00,000	00	...	...	14,54,166	66	14,54,166	66	14,54,166	66	...	...
2,50,00,000	00	..	..	...	...	...	...	...	...	...	...
48,15,00,000	00	..	..	2,51,18,666	66	2,51,18,666	66	2,51,18,666	66	...	...
49,03,48,500	00	5,35,27	64	2,95,52,21	25	3,00,87,508	89	2,98,61,912	56	2,25,596	33
97,23,48,500	00	5,35,297	64	5,46,70,877	91	5,52,06,175	55	5,43,80,579	22	2,25,596	33

Serial No.	Particulars of Loans	Rate of Interest per Annum.	Balance due on 1st April 1974		Amount raised in 1974-75		Total		Amount repaid in 1974-75	
			Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.
	Advances from different Special funds for Purchase of Plant & Machinery.									
1	Advance of Rs. 2,10,514.34 from Municipal Fire and Accident Insurance Fund	6%	47,148	06	...	...	47,148	06	47,148	06
2	Advance of Rs. 92,335.97 from Net Premium Fund	6%	20,680	46	...	...	20,680	46	20,680	46
3	Advance of Rs. 3,85,439.44 from Plant and Machinery depreciation Fund	6%	85,322	31	...	...	86,322	31	86,322	31
4	Advance of Rs. 2,72,31.42 from Hospital Fund	6%	61,103	89	...	...	61,103	89	61,103	89
5	Advance of Rs. 17,332.97 from K.E.M.H. G.S.M. College, Equipment Fund	6%	3,800	93	...	...	3,800	93	3,800	93
6	Advance of Rs. 4,703 from G. S. M. K. E. M. Hospital Research Fund	6%	1,055	36	...	...	1,055	36	1,055	36
7	Advance of Rs. 3,97,578.39 from Land (Hard A) Fund	6%	89,039	00	...	...	89,039	00	89,039	00
8	Advance of Rs. 3,60,655.87 from Motor Vehicle (Third party) Insurance Fund	6%	80,773	85	...	...	80,773	85	80,773	85
9	Advance of Rs. 9,46,924.81 from Net Premium Fund	6%	4,12,142	05	...	...	4,12,142	05	2,00,067	48
10	Advance of Rs. 4,63,176.54 from Municipal Fire and Accident Ins. Fund	6%	2,01,591	55	...	...	2,01,591	55	97,851	51
11	Advance of Rs. 1,81,892.46 from Hospital Fund	6%	79,165	00	...	...	79,165	00	38,431	05
12	Advance of Rs. 8,80,232.90 from Plants and Machinery Depreciation Fund	6%	3,83,113	67	...	...	3,83,113	67	1,85,577	18
13	Advance of Rs. 1,870.90 from K. E. M. Hospital Equipment Fund	6%	814	75	...	...	814	75	395	11
14	Advance of Rs. 21,44,460.32 from Land R. A. Fund	6%	9,33,357	18	...	...	9,33,357	18	4,53,085	57
15	Advance of Rs. 33,30,258.89 from Land R. A. Fund 1971-72	6%	21,13,261	43	...	...	21,13,261	43	6,63,795	31
16	Advance of Rs. 11,75,877.83 from Net Premium Fund 1971-72	6%	7,46,169	39	...	...	7,46,169	39	2,34,378	84
17	Advance of Rs. 2,10,232.34 from Municipal Fire and Accident Insurance Fund 1971-72	6%	1,33,406	58	...	...	1,33,406	58	41,003	61
18	Advance of Rs. 3,35,688.64 from Hospital Fund 1971-72	6%	2,13,016	30	...	...	2,13,016	30	66,910	02
19	Advance of Rs. 10,017 from K.E.M. Hospital Research Fund 1971-72	6%	6,366	42	...	...	6,366	42	1,966	61
20	Advance of Rs. 20,87,200 from Municipal Fire & Accident Insurance Fund 1972-73	6%	17,16,931	00	...	...	17,16,931	00	3,92,485	14
21	Advance of Rs. 21,34,380 from Net Premium Fund 1972-73	6%	17,55,741	80	...	...	17,55,741	80	4,03,356	49
22	Advance of Rs. 12,31,985.56 from Hospital Fund 1972-73	6%	10,13,434	35	...	...	10,13,434	35	2,36,667	46
23	Advance of Rs. 63,10,788 from K. E. M. Hospital G. S. M. College Research Fund 1972-73	6%	51,913	35	...	...	51,913	35	11,866	20
24	Advance of Rs. 27,00,700 from Land R. A. Fund 1972-73	6%	22,21,596	00	...	...	22,21,596	00	5,07,850	24
25	Advance of Rs. 5,88,100 from Municipal Fire and Accident Ins. Fund (1973-74)	6%	5,88,100	00	...	...	5,88,100	00	1,04,329	00
26	Advance of Rs. 6,97,000 from Net Premium Fund (1973-74)	6%	6,97,000	00	...	...	6,97,000	00	1,23,647	00
27	Advance of Rs. 2,26,400 from Hospital Fund (1973-74)	6%	2,26,400	00	...	...	2,26,400	00	40,163	00
28	Advance of Rs. 25,63,684.46 from Land R. A. Fund (1973-74)	6%	25,63,684	46	...	...	25,63,684	46	4,54,777	93
29	Advance of Rs. 42,49,600 from Land R. A. Fund	6%	...	...	42,49,600	00	42,49,600	00	...	...
30	Advance of Rs. 18,59,100 from Net Premium fund	6%	...	...	18,59,100	00	18,59,100	00	...	...
31	Advance of Rs. 17,81,709.54 from Municipal Fire and Accident Ins. fund	6%	...	...	17,81,709	54	17,81,709	54	...	...
32	Advance of Rs. 83,1663 from Hospital Fund	6%	...	...	8,31,663	00	8,31,663	00	...	...
	Total Advance from Special Fund for purchase of Plants and Machinery		1,54,47,200	74	87,20,72	54	2,16,92,72	28	46,43,69	41
	Total Loans raised from Public and Internal		96,21,08,500	00	4,15,00,000	00	1,00,36,08,500	00	3,12,60,000	00
	Grand Total		97,85,55,700	74	5,02,20,72	54	1,02,87,7,713	28	3,59,02,969	41

No. 11 City—(Concl.)

Balance due on 31st March 1975		Interest outstanding on 1st April 1974		Interest payable in 1974-5		Total Interest due		Deduct-Interest paid by the State Bank of India and in Office		Outstanding Balance on 31st March 1975	
8		9		10		11		12		13	
Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.
...		...		2,828	88	2,828	88	2,828	88	..	
...		...		1,240	83	1,240	83	1,240	83	..	
...		...		5,179	34	5,179	34	5,179	34	..	
...		...		3,666	23	3,666	23	3,666	23	..	
...		...		232	86	232	86	232	86	..	
...		...		63	32	63	32	63	32	..	
...		...		5,342	39	5,342	39	5,342	39	..	
...		...		4,846	43	4,846	43	4,846	43	..	
2,12,074	57	..		24,728	52	24,728	52	24,728	52	...	
1,03,730	04	..		12,095	49	12,095	49	12,095	49	...	
40,734	75	..		4,749	95	4,749	95	4,749	95	...	
1,97,136	49	..		22,986	82	22,986	82	22,986	82	...	
419	64	..		48	89	48	89	48	89	...	
4,89,271	61	..		56,001	43	56,001	43	56,001	43	...	
14,49,466	12	...		1,26,795	69	1,26,795	69	1,26,795	69	...	
5,11,790	55	...		44,770	16	44,770	16	44,770	16	...	
91,502	97	...		8,004	39	8,004	39	8,004	39	...	
1,46,105	28	...		12,780	98	12,780	98	12,780	98	...	
4,359	81	...		381	39	381	39	381	39	...	
13,24,445	86	...		1,03,015	86	1,03,015	86	1,03,015	86	...	
13,54,385	31	...		1,05,344	51	1,05,344	51	1,05,344	51	...	
7,81,765	89	...		60,806	06	60,806	06	60,806	06	...	
40,047	15	...		3,114	80	3,114	80	3,114	80	...	
17,13,745	76	...		1,33,295	76	1,33,295	76	1,33,295	76	...	
4,83,771	00	...		35,286	00	35,286	00	35,286	00	...	
5,73,353	00	...		41,820	00	41,820	00	41,820	00	...	
1,86,237	00	...		13,584	00	13,584	00	13,584	00	...	
21,08,886	53	...		1,53,821	07	1,53,821	07	1,53,821	07	...	
42,49,600	00	...		...		...		...		...
18,59,100	00	...		...		...		...		...
17,81,709	54	...		...		...		...		...
8,31,663	00	...		...		...		...		...
2,05,26,303	87	..		9,86,832	05	9,86,832	05	9,86,832	05	...	
97,23,48,500	00	5,35,297	64	5,46,70,877	91	5,52,06,175	55	5,4,80,579	22	2,25,396	33
*99,28,74,803	87	5,35,297	64	5,56,57,709	56	5,61,93,007	60	5,59,67,411	27	2,25,396	33

* Amount of Rs. 61,91,65,138.17 out of Rs. 99,28,74,103.87 pertains to Budget 'C'.

APPENDIX

Statement showing Outstanding Loans due by the Municipal Corporation of Greater Bombay paid by the State Bank of India and in office during the year and the balance outstanding on

Serial No.	Particulars of Loans.	Rate of Interest.	Balance due on 1-4-1974.		Amount raised in 1974-75.		Total.	
			(4)	(5)	(5)	(6)		
(1)	(2)	(3)	Rs.	P.	Rs.	P.	Rs.	P.
	Loans raised from the Public.	Rs.	Rs.	P.	Rs.	P.	Rs.	P.
1	Rs. 10 lakhs Bombay Municipal (Subs.) Internal Loan of 1960-61. ...	4½%	10,00,000	00	---	---	10,00,000	00
2	Rs. 50 lakhs Bombay Municipal (Subs.) Internal Loan of 1961-62. ...	4½%	50,00,000	00	---	---	50,00,000	00
3	Rs. 160 lakhs Bombay Municipal (Subs.) Loan of 1962-63. ...	4½%	1,60,00,000	00	---	---	1,60,00,000	00
4	Rs. 110 lakhs Do. 1963-64. ...	4½%	1,10,00,000	00	---	---	1,10,00,000	00
5	Rs. 50 lakhs Bombay Municipal (Subs.) Internal Loan of 1963-64. ...	4½%	50,00,000	00	---	---	50,00,000	00
6	Rs. 75 lakhs Bombay Municipal (Subs.) Loan of 1964-65. ...	5%	75,00,000	00	---	---	75,00,000	00
7	Rs. 70 lakhs Bombay Municipal (Subs.) Internal Loan 1964-65. ...	4½%	70,00,000	00	---	---	70,00,000	00
8	Rs. 100 lakhs Bombay Municipal Budget A (Div. II) Loan 1965-66 ...	5½%	1,00,00,000	00	---	---	1,00,00,000	00
9	Rs. 50 Lakhs Bombay Municipal Budget A (Div. II) Internal Loan 1965-66 ...	6%	50,00,000	00	---	---	50,00,000	00
10	Rs. 75 lakhs B.M.C. Budget 'A' (Div. II) Loan 1966-67 ...	5½%	75,00,000	00	---	---	75,00,000	00
11	Rs. 50 lakhs B.M.C. Budget 'A' (Div. II) Internal Loan 1966-67 ...	6%	50,00,000	00	---	---	50,00,000	00
12	Rs. 1 Crore Bombay Municipal Corporation Budget 'A' (Div. II) Loan 1967-68 ...	6%	45,00,000	00	---	---	45,00,000	00
13	Rs. 50 Lakhs Bombay Municipal Corporation Budget 'A' (Div. II) Internal Loan 1967-68 ...	6%	50,00,000	00	---	---	50,00,000	00
14	Rs. 75 Lakhs Bombay Municipal Corporation Budget 'A', Div. II Loan 1968-69. ...	6%	82,50,000	00	---	---	82,50,000	00
15	Rs. 50 Lakhs Bombay Municipal Corporation Budget 'A' Div. II Internal Loan 1968-69. ...	6%	50,00,000	00	---	---	50,00,000	00
16	Rs. 100 Lakhs B.M.C. Budget 'A' Div. II loan 1969-70 ...	6%	1,10,00,000	00	---	---	1,10,00,000	00
17	Rs. 220 Lakhs B. M. C. Loan 1970-71 1st issue ...	6%	2,42,00,000	00	---	---	2,42,00,000	00
18	Rs. 170 Lakhs B. M. C. Loan 1970-71 2nd issue ...	6%	1,87,00,000	00	---	---	1,87,00,000	00
19	Rs. 350 Lakhs B. M. C. Loan 1971-72 ...	6%	3,85,00,000	00	---	---	3,85,00,000	00
20	Rs. 150 Lakhs B. M. C. Loan 1972-73 ...	6%	1,65,00,000	00	---	---	1,65,00,000	00
21	Rs. 100 Lakhs B. M. C. (Suburbs) Internal Loan 1972-73 ...	6%	1,00,00,000	00	---	---	1,00,00,000	00
22	Rs. 100 Lakhs B. M. C. Loan 1973-74 ...	6%	1,10,00,000	00	---	---	1,10,00,000	00
23	Rs. 100 Lakhs B. M. C. (Suburbs) Internal Loan 1973-74. ...	6%	1,00,00,000	00	---	---	1,00,00,000	00
24	Rs. 150 Lakhs B.M.C. Loan 1974-75 ...	6½%	---	---	1,65,00,000	00	1,65,00,000	00
25	Rs. 100 Lakhs B.M.C. Internal Loan 1974-75 ...	6½%	---	---	1,00,00,000	00	1,00,00,000	00
	Total ..		24,26,50,000	00	2,65,00,000	00	26,91,50,000	00
	Deduct—							
	Out-standing Loans Transferred to Budget 'G' ...		9,76,40,860	00	---	---	9,76,40,860	00
	Interest paid by Budget 'G' ...		---	---	---	---	---	---
			14,50,09,140	00	2,65,00,000	00	17,15,09,140	00

No. 11—Suburbs.

Outstanding on 1st April 1974 on the different Loans, the amount payable for the year 1974-75, the amount :
31st March 1975.

Amount repaid in 1974-75.		Balance due on 31-3-1975.		Interest outstanding on 1-4-1974.		Interest payable in 1974-75.		Total Interest due.		Deduct—Interest paid.		Outstanding Balance on 31-3-1975.	
(7)		(8)		(9)		(10)		(11)		(12)		(13)	
Rs.	Pcs.	Rs.	Pcs.	Rs.	Pcs.	Rs.	Pcs.	Rs.	Pcs.	Rs.	Pcs.	Rs.	Pcs.
		10,00,000	00	...	...	42,500	00	42,500	00	42,500	00	...	...
		50,00,000	00	...	...	2,12,500	00	2,12,500	00	2,12,500	00	...	...
1,60,00,000	00	1,10,00,000	00	16,505	46	7,60,000	00	7,76,505	45	5,18,949	07	2,57,556	39
		1,10,00,000	00	23,750	00	5,22,500	00	5,46,250	00	5,45,418	75	831	25
		50,00,000	00	...	...	2,37,500	00	2,37,500	00	2,37,500	00	...	...
		75,00,000	00	12,500	00	3,75,000	00	3,87,500	00	3,87,500	00	...	...
		70,00,000	00	...	...	3,32,500	00	3,32,500	00	3,32,500	00	...	...
		1,00,00,000	00	503	30	5,75,000	00	5,75,503	30	5,30,264	99	45,238	31
		50,00,000	00	...	...	3,00,000	00	3,00,000	00	3,00,000	00	...	...
		75,00,000	00	...	...	4,31,250	00	4,31,250	00	4,02,500	00	28,750	00
		50,00,000	00	...	...	3,00,000	00	3,00,000	00	3,00,000	00	...	...
		45,00,000	00	11,430	00	2,70,000	00	2,81,430	00	2,74,770	00	6,660	00
		50,00,000	00	...	...	3,00,000	00	3,00,000	00	3,00,000	00	...	...
		82,50,000	00	915	00	4,95,000	00	4,95,915	00	4,95,915	00	...	...
		50,00,000	00	...	...	3,00,000	00	3,00,000	00	3,00,000	00	...	...
		1,10,00,000	00	508	00	6,60,000	00	6,60,508	00	6,60,046	00	462	00
		2,42,00,000	00	22,766	00	14,52,000	00	14,74,766	00	14,30,076	00	36,690	00
		1,87,00,000	00	7,230	00	11,22,000	00	11,29,230	00	11,28,765	00	465	00
		3,85,00,000	00	18,000	00	23,10,000	00	23,28,000	00	23,20,500	00	7,500	00
		1,65,00,000	00	1,20,375	00	9,90,000	00	11,10,375	00	9,36,510	00	1,73,865	00
		1,00,00,000	00	...	...	6,00,000	00	6,00,000	00	6,00,000	00	...	...
		1,10,00,000	00	...	...	6,60,000	00	6,60,000	00	6,60,000	00	...	...
		1,00,00,000	00	...	...	5,79,452	05	5,79,452	05	5,79,452	05	...	...
		1,65,00,000	00	...	...	...	...	...	...	...	...	...	...
		1,00,00,000	00	...	...	...	...	...	...	...	...	...	...
1,60,00,000	00	25,15,00,000	00	2,34,482	76	1,38,27,202	05	1,40,61,684	81	1,35,13,666	86	5,58,017	95
34,02,693	00	9,42,38,167	00	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	54,84,451	10	54,84,451	10	54,84,451	10	...	...
1,25,97,307	00	15,39,11,833	00	2,34,482	76	83,42,750	95	85,77,233	71	80,19,215	76	5,58,017	95

APPENDIX No. 11 (Extended suburbs)

Statement showing Outstanding Loans due by the Municipal Corporation of Greater Bombay (Extended Suburban Area), the Interest Outstanding on 1st April 1974 on the different Loans, the amount payable for the year 1974-75 the amount paid by the State Bank of India and in office during the year and the balance Outstanding on 31st March 1975.

Serial No. (1)	Particulars of Loan (2)	Rate of Interest. (3)	Balance due on 1-4-1974 (4)	Amount raised in 1974-75 (5)	Total (6)	Amount repaid in 1974-75 (7)	Balance due on 31-3-1975 (8)	Interest outstanding on 1-4-1974 (9)	Interest payable in 1974-75 (10)	Total Interest due (11)	Deduct Interest paid (12)	Outstanding balance on 31-3-1975 (13)
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
Loans raised from the Public												
1	4½ per cent. 25 lakhs Bombay Municipal Extended Suburbs Internal Loan of 1957-58 for financing Capital Works such as Water Works, etc.	4½%	25,00,000	...	25,00,000	...	25,00,000	...	1,06,250.00	1,06,250.00	1,06,250.00	...
2	4½ per cent. 20 lakhs (Out of 35 lakhs) Bombay Municipal Extended Suburbs Internal Loan of 1958-59 for financing Capital Works such as Water Works, etc.	4½%	20,00,000	...	20,00,000	...	20,00,000	...	85,000.00	85,000.00	85,000.00	...
3	4½ per cent. Rs. 10 lakhs Bombay Municipal Extended Suburbs (Internal) Loan of 1960-61 for financing Capital Works such as Water Works, etc.	4½%	10,00,000	...	10,00,000	...	10,00,000	...	42,500.00	42,500.00	42,500.00	...
4	4½ per cent. Rs. 30 lakhs Bombay Municipal Extended Suburbs Loan of 1962-63 for financing Capital Expenditure such as Water Works, etc.	4½%	30,00,000	...	30,00,000	30,00,000	...	12,112.83	1,42,500.00	1,54,612.83	1,06,321.01	48,291.82
5	4½ per cent. Rs. 25 lakhs Bombay Municipal Extended (Subs.) Internal Loan 1964-65	4½%	25,00,000	...	25,00,000	...	25,00,000	...	1,18,750.00	1,18,750.00	1,18,750.00	...
6	6% Rs. 50 lakhs Bombay Municipal Budget 'A' (Div. III) Internal Loan 1965-66	6%	50,00,000	...	50,00,000	...	50,00,000	...	3,00,000.00	3,00,000.00	3,00,000.00	...
7	5½% Rs. 50 lakhs B. M. C. Budget 'A', Div. III Loan 1966-67	5½%	50,00,000	...	50,00,000	...	50,00,000	5,750.00	2,87,500.00	2,93,250.00	2,90,375.00	2,875.00
8	6% Rs. 40 lakhs B. M. C. Budget 'A', Div. III Internal Loan 1966-67	6%	40,00,000	...	40,00,000	...	40,00,000	...	2,40,000.00	2,40,000.00	2,40,000.00	...
9	6% Rs. 35 lakhs Bom. Mun. Budget 'A', Div. III Loan 1967-68 out of Rs. 60 Lakhs Loan	6%	35,00,000	...	35,00,000	...	35,00,000	36,364.00	2,10,000.00	2,46,364.00	1,91,295.00	55,069.00
10	6% Rs. 20 lakhs Bom. Mun. Budget 'A', Div. III Internal Loan 1967-68 out of 30 Lakhs Loan	6%	20,00,000	...	20,00,000	...	20,00,000	...	1,20,000.00	1,20,000.00	1,20,000.00	...
11	6% Rs. 55 lakhs Bombay Municipal Corporation Budget 'A', Div. III Loan 1968-69	6%	55,00,000	...	55,00,000	...	55,00,000	...	3,30,000.00	3,30,000.00	3,30,000.00	...
12	6% Rs. 82.50 Lakhs Bombay Municipal Corporation Budget 'A', Div. III Loan 1969-70	6%	82,50,000	...	82,50,000	...	82,50,000	2,160.00	4,95,000.00	4,97,160.00	4,97,160.00	...
13	6% Rs. 165 lakhs B. M. C. Loan 1970-71 (1st issue)	6%	1,81,50,000	...	1,81,50,000	...	1,81,50,000	...	10,89,000.00	10,89,000.00	10,88,250.00	750.00
14	6% Rs. 115 Lakhs B.M.C. Loan 1970-71 (2nd issue)	6%	1,26,50,000	...	1,26,50,000	...	1,26,50,000	28,446.00	7,59,000.00	7,87,446.00	7,64,790.00	22,656.00
15	6% Rs. 150 lakhs B. M. C. Loan 1971-72	6%	1,65,00,000	...	1,65,00,000	...	1,65,00,000	8,250.00	9,90,000.00	9,98,250.00	9,81,750.00	16,500.00
16	6% Rs. 150 Lakhs B. M. C. Loan 1972-73	6%	1,65,00,000	...	1,65,00,000	...	1,65,00,000	22,080.00	9,90,000.00	10,12,080.00	9,85,560.00	26,520.00
17	6% Rs. 100 Lakhs Bombay Municipal Ext. Suburbs Internal Loan 1972-73	6%	1,00,00,000	...	1,00,00,000	...	1,00,00,000	...	6,00,000.00	6,00,000.00	6,00,000.00	...
18	6 per cent. Rs. 50 lakhs Bombay Municipal Internal Loan 1973-74 Budget 'A', Div. III	6%	50,00,000	...	50,00,000	...	50,00,000	...	2,89,726.03	2,89,726.03	2,89,726.03	...
19	6 per cent. Rs. 100 lakhs Bombay Municipal Loan of 1973-74 Budget 'A', Div. III	6%	1,10,00,000	...	1,10,00,000	...	1,10,00,000	...	6,60,000.00	6,60,000.00	6,60,000.00	...
20	6½% Rs. 50 Lakhs B. M. C. Loan 1974-75	6½%	...	55,00,000	55,00,000	...	55,00,000	...	...	...	...	...
21	½% Rs. 50 Lakhs B. M. C. Internal Loan 1974-75	½%	...	50,00,000	50,00,000	...	50,00,000	...	...	...	...	...
	Total		13,40,50,000	1,05,00,000	14,45,50,000	30,00,000	14,15,50,000	1,15,162.83	78,55,226.03	79,70,388.86	77,97,727.04	1,72,661.82
	Deduct—											
	Outstanding loan transferred to Budget 'C'		5,90,66,077	...	5,90,66,077	11,50,006	5,79,16,071	...	33,95,969.11	33,95,969.11	33,95,969.11	...
	Interest paid by Budget 'C'		...	...	...	...	...	...	...	...	...	...
	Total		7,49,83,923	1,05,00,000	8,54,83,923	18,49,994	8,36,33,929	1,15,162.83	44,59,256.92	45,74,419.75	44,01,757.93	1,72,661.82

Statement showing the amounts of the Receipts and Expenditure respectively credited to the credit of the Fund at the close of the

	Details,		Total.	
	Rs.	P.	Rs.	P.
RECEIPTS—A.—REVENUE ACCOUNT.				
A.—General Tax	12,66,32,321	19		
B.—Town Duties	24,82,97,350	54		
BB.—Theatre Tax	8,77,765	40		
C.—Other Receipts—				
(a) Grant-in-aid of the fees for Land Conveyance, Music, etc., Licence	9,186	50		
(b) Grant-in-aid in respect of fines for offences against the Law	10,57,252	03		
(c) Interest and Profit on Investment of Surplus Loan and other balance	55,31,723	20		
(d) Interest on Plant and Machinery Depreciation Fund	1,90,207	54		
(e) Miscellaneous	4,04,99,550	43		
(f) Receipts on account of Municipal Journal	8,993	10		
D.—Receipts on account of proportionate cost of collection of Education cess	2,08,492	44		
E.—Rebate from Govt. on account of Collection of Education cess	1,47,992	96		
3. Museums	22,224	63	42,34,62,850	30
4. Free Reading Rooms and Libraries	95,89,662	63	22,224	60
5. Public Health Department	14,31,401	49	95,89,662	68
6. Medical Relief and Education	25,58,857	17	14,31,401	49
7. Street Cleansing and Conservancy, Road Watering and Halalkhore Service—			25,58,857	17
B.—Other Receipts	9,56,367	94		
C.—Tax on Dogs	49,156	50		
			10,05,524	44
8. Roads, S.W. Drains and Public Lighting—				
A.—Wheel Tax	1,10,06,997	36		
B.—Contribution from Government in lieu of Tolls	24,846	00		
C.—Other Receipts—				
(a) Ground Rent	1,34,378	06		
(b) Miscellaneous	27,34,191	99		
(c) Interest realised on Donations	1,876	39		
			1,39,02,239	80
9. Mechanical	2,64,746	06	2,64,746	06
10. Buildings, Land Acquisition and Management—				
A.—Sale Proceeds of Surplus Land	745	51		
B.—Other Receipts—				
(a) Rent of Buildings	25,13,627	65		
(b) Ground Rent	6,45,218	35		
(c) Miscellaneous	51,33,356	76		
C.—Contribution from the Capital Funds on account of Special Land Acq. staff	62,013	74		
11. Fire Brigade—			83,54,962	01
A.—Fire Tax	39,65,052	37		
B.—Other Receipts	1,41,571	93		
			41,05,634	30
12. Licensing Removal of Encroachments on Public Streets, Administration of Shops & Establishments Act, 1948 and				
A.—Licences for Dangerous and Offensive Trades	30,64,857	51		
B.—Removal of Encroachments on Public Streets	35,92,912	94		
C.—Receipts from Administration of Shops and Establishments Act	4,99,291	50		
D.—Miscellaneous	20,46,620	23		
			92,01,712	18
13. Gardens and Open Spaces	7,90,702	61	7,90,702	61
14. Markets and Slaughter Houses	1,38,22,752	74	1,88,22,752	14
15. Contribution from Capital Funds to Revenue on account of Loan Works Staff	8,61,489	87	8,61,489	87
16. Extraordinary Receipts	2,78,459	43	2,78,459	43
17. Rebate from Government on account of collection of the Urban Immoveable Property Tax in the City				
18. Transfers from the B. E. S. & T. Fund	46,05,023	02	46,05,023	02
19. Receipts from Government on account of Urban Immoveable Property Tax				
20. Grant in aid from Central Government on account of additional Exp. due to increase in employments etc.				
21. Rebate from Govt. on account of collection of House Repairs cess	11,69,504	00	11,69,504	00
			50,4,28,745	70
RECEIPTS—B.—CAPITAL ACCOUNT—				
Loan Funds—				
Deb—Principal—				
Capital Funds, Loan Receipt Grant-in-Aid from Government	Dr. 6,50,00,000	00		
Contribution from G. I. P. Railway	Dr. 3,74,000	00		
Warn out water mains Renewal Fund	Dr. 3,61,525	91		
Development Fund	Dr. 4,42,965	02		
Loan of 1974-75	4,15,00,000	00		
Advances from Special Funds for purchase of Plant and Machinery—				
Net premie Fund	13,50,193	48		
Municipal Fire and Accident Insurance Fund	17,31,79	54		
Advance from K.E.M. Hospital Research Fund for purchase of P & M	Dr. 5,531	83		
K.E.M. Hospital Equipment Fund				
Land Acquisition and Reclamation Fund	35,07,123	52		
Hospital Fund	2,83,309	16		
Plant and Machinery Depreciation Fund	Dr. 2,37,240	34		
Advances from Net Premia Fund and Special Funds for renewal (1) of Surfaces of Roads for which no renewal Fund exists and (2) of Surfaces of Roads taken over from Ex-Trust				
Advances from Net premia fund for repayment of Rs. 28 lakhs Loan of 1929				
Motor vehicle third Party Insurance Fund				
Grant-in-aid from Government for bhatsai Project				
Advances Debt—Principal Loan raised for water supply and Sewerage—				
From Government	Dr. 6,23,65,225.06			
From Public	Dr. 31,53,19,514.64			
From Bombay Municipal Corporation Internal Fund	Dr. 23,31,45,419.24			
			Dr. 70,91,33,086	34
Trust Fund—				
Government share of the cost of Preliminary Expenses in connection with preparation of the Master Plan for Bombay City and Greater Bombay				
Donations	2,00,000	00		
Investments interest on				
			Dr. 70,89,33,086	34
Total Capital Account Receipts				

No. 15 (City)

and debited to the Municipal Fund during the year 1974-75 and the balance year 1974-75 (i. e. 31st March 1975).

	Details		Total	
	Rs.	P.	Rs.	P.
RECEIPTS—C.—SUSPENSE ACCOUNT—				
I—Sinking and Special Fund Accounts—				
Sinking Fund account—Municipal	5,03,87,589	65		
Special Fund Accounts	10,97,23,380	90		
Improvement Schemes Fund Account—				
(a) Sinking Fund Account	55,53,980	43		
(b) Investment Reserve Fund Account	9,27,450	65		
Sinking Fund Account—Slum clearance (City)	11,01,807	21		
Sinking Fund Account Slum clearance (Suburbs)	7,02,478	90		
Amenities Fund Account.	1,67,42	37		
Rent Equalisation Fund Account.	5,06,342	82		
			16,90,70,504	93
II—Paper and Cash Accounts—				
1. Sinking Fund	3,96,70,703	95		
2. Special Funds	74,13,391	54		
3. Surplus Fund	9,94,03,866	76		
4. Loan Fund		198	63	
5. Improvement Schemes Funds—				
(a) Sinking Fund	52,95,135	03		
(b) Capital Fund		172	84	
(c) Investment Reserve Fund		52	00	
(d) Rent Equalisation Fund		130	93	
(e) Amenities Fund		8	75	
6. Improvement Schemes A/c (Slum Clearance) City—				
(a) Sinking Fund		32,456	72	
(b) Capital Fund			212	32
7. Improvement Schemes A/c (Slum Clearance) Subs.				
(a) Sinking Fund		27,457	16	
(b) Capital Fund			72	20
State Bank of India and other Local Banks on account of Sundry deposits	93,99,88,598	86		
			1,09,19,10,491	06
III.—Suspense Accounts—				
Deposit Account	90,37,46,817	75		
Reserve Stores Account	5,21,153	76		
Capital Stores Account	7,67,58,021	36		
Purchase of Petrol and Diesel Oil	11,97,071	44		
Advances to public including co-operatives for Housing Purposes	3,75,78	45		
Advances Departmental Works	2,18,007	57		
Advances Municipal Workshops	4,03,420	40		
Municipal Foundry	2,22,445	68		
Worli Crushers	1,96,413	86		
Sewri Crushers				
Mechanical Transport	7,98,598	69		
Asphalt Plant	15,65,879	04		
Pre-Cast Concrete Slabs				
Municipal Printing Press	19,36,466	28		
Rotary Printing Units	67,431	01		
Advances Private Works	21,87,498	43		
Servicing of Vehicles and recharging of Batteries.				
Reinstatement of Trenches	48,33,128	22		
Advances Special Funds	89,75,923	32		
Municipal Contractors			90,836	51
Municipal Tenders				
Sundry Advances	1,61,60,410	14		
Advances for demolition of unauthorised structures and for removal of unsafe Buildings in the City	21,23,795	35		
Advances to Municipal Officers—	2,04,679	19		
Interest Accrued but not paid	10,92,499	99		
Interest Receivable Account	13,01,000	01		
Provident Fund	4,31,85,572	78		
Welfare Fund				
Fines Fund	4,892	90		
Fidelity Guarantee Insurance Fund	4,470	21		
Bombay Municipal Corporation Loans Interest Warrants payable Account	1,82,77,992	33		
City of Bombay Improvement Trust Loans Interest Warrants Payable Account	1,72,44	66		
Cash Bills outstanding Account	2,91,108	82		
Dishonoured Cheques	1,22,5,029	24		
Cheques payable	1,54,13,63,348	84		
Loan Redemption Fund Slum Clearance City	1,41,847	33		
Loan Redemption Fund Slum Clearance Suburbs	81,42	91		
Wages Deposit Account	1,20,91,24	21		
Loan Redemption Fund—Municipal	Cr. 20,04,13,858	85		
Loan Redemption Fund—Improvement Schemes	64,32,906	90		
Manufacture of concrete covers—Recoveries				
Interest on B. I. T. Loans payable Account				
Interest on Loans payable Account	2,25,596	33		
Debt charges Equalisation Fund				
Municipal Power Laundry	6,69,244	45		
Advance from Surplus Monies for financing expenditure on Capital Work pending raising of a New Loan				
Pension Fund	5,24,85,105	05		
Gratuities Fund	30,96,329	01		
Amount transferred to D. A. Suburbs	7,7,09,133	51		
Amount transferred to Budget 'C'	23,78,79,548	14		
Suspense A/c of Accumulated Revenue Surplus Balance payable by Budget 'A' to Budget 'C'	10,65,42,219	54		
Improving common Houses Gullies in the City	1,31,284	24		
Contribution Receivable From Budget 'E'	2,62,26,696	56		
Advance to B. E. S. & T.	5,01,41,603	01		
Advance for Deposit with outside Bodies			6,00	00
			2,98,33,11,167	59
Total Receipts—C.—Suspense Accounts			4,24,42,92,163	58

	Details		Total
	Rs.	P.	Rs.
RECEIPTS—D.—IMPROVEMENT SCHEMES ACCOUNT—			
General Account Revenue—			
I.—Rents and other proceeds of Properties	1,54,17,980	09	
II.—Contribution from the Municipal Corporation under Section 125(2)(d) of the Municipal Act.	2,45,15,956	00	
III.—Grant-in-aid for meeting deficit in General Account	...	...
IV.—Interest and Profit on Investments	8,69,457	77	
V.—Miscellaneous Receipts	2,13,932	52	
VI.—Transfer of Revenue Surplus to Capital Account...	Dr. 62,01,739	90	
VII.—Govt. Asstt. from Govt. of India for Impts. Scheme	66,38,100	00	
	Total Rs.		4,14,53,726 48
Capital Accounts—			
I.—Sale proceeds of Lands, Buildings, etc.	4,30,877	88	
II.—Transfer of Revenue Surplus from General Account	62,01,739	90	
III.—Loan raised during 1969-70	...	...
Lump sum provision for granting loans to inact Building in Impt. Schemes provided under Section 354 of B. M. C. Act	...	...
	Total—Capital Account Receipts Rs.		66,32,547 78
	Total—D.—Improvement Schemes		4,80,86,274 26
RECEIPTS—E.—IMPROVEMENT SCHEMES ACCOUNT—SLUM CLEARANCE (CITY).			
General Account Revenue—			
I.—Rents and other proceeds of Properties	20,92,967	58	
II.—Grant-in-aid for meeting deficit	...	...
III.—Interest and Profit on Investment	1,18,890	95	
IV.—Miscellaneous Receipts	...	...
V.—Appropriation from Capital Account to meet deficit in General Account	27,03,652	29	
Capital Account—			
I.—Sale proceeds of Lands and Buildings	...	...
II.—Loans from Government	...	...
III.—Loan raised in 1969-70	...	...
Subsidy from Government	1,40,934	00	
Transfer to General Accounts	...	...
V.—Advances from Surplus monies	13,61,671	12	
	Total—Capital Account Receipts		15,02,605 12
	Total—E.—Improvement Schemes Slum Clearance (City)		64,18,115 94
RECEIPTS—F.—IMPROVEMENT SCHEMES ACCOUNT—SLUM CLEARANCE (Subs.)—			
General Account Revenue—			
I.—Rents and other proceeds of properties	4,74,145	46	
II.—Contribution from Municipal Corporation (Suburbs)	...	...
III.—Interest and Profits on Investments	17,345	10	
IV.—Miscellaneous Receipts	1,29,523	90	
V.—Appropriation from Capital Account to meet deficit in General Account	20,25,468	19	
	Total—General Account Receipts		26,56,487 65
Capital Account—			
I.—Sale Proceeds of Lands and Buildings	1,54,969	81	
II.—New Loans in 1973-74	...	...
Transfer of Revenue Surplus	...	...
III.—Loan from Government	...	...
IV.—Subsidy from Government	...	...
V.—Advances from Surplus monies	31,89,377	81	
	Total—Capital Account Receipts		33,44,277 62
	Total—F.—Improvement Schemes Account—Slum Clearance (Subs.)		60,00,765 27
EXPENDITURE—A.—REVENUE ACCOUNT.			
I.—General Supervision, Collection of Revenue etc.—			
A.—General Superintendence	2,22,09,561	64	
B.—Collection of Revenue	1,01,57,256	36	
C.—Upkeep and guarding of Municipal Head Office	15,93,805	95	
D.—General Stores	9,23,021	69	
E.—Legal Department	16,72,501	26	
F.—Miscellaneous Charges	14,99,532	79	
G.—Election Expenses	1,57,93	95	
H.—Provident Fund charges	3,90,219	72	
I.—Debt Charges	13,16,124	91	
Deduct—Proportion of General Superintendence chargeable to the Water Works, VII—Street Cleansing, VIII—Roads, Fire Brigade Market, and Improvement Schemes Account and Education Fund Account Budget D & F	Cr. 96,06,142 06		
			3,05,16,286 21
II.—Museums—			
A.—Victoria Albert Museum	1,26,855	17	
B.—Provident Fund Charges	2,350	00	
C.—Debt Charges	1,122	15	
V.—Free Reading Rooms and Libraries—			
A.—Municipal Free Reading Rooms and Libraries	18,46,132	51	
B.—Municipal High School	1,40,16,015	67	
C.—Provident Fund charges	8,512	00	
D.—Debt Charges	42,901	03	
V.—Public Health Department—			
A.—General Superintendence	1,29,09,279	54	
B.—Supply of milk to the undernourished needy children attending Municipal Schools	35,57,740	52	
C.—Provident Fund, Charges	1,35,241	00	
D.—Malaria Eradication Programme	3,02,027	07	
Site of Public Health	...	...
E.—Census	...	...
F.—Debt Charges	4,00,771	75	
G.—Impounding Stray Cattle	1,77,377	67	
			1,74,84,437 53
	Expenditure—Revenue—Carried Forward		6,40,44,612 29

	Details.		Total.	
	Rs.	P.	Rs.	P.
			6,40,44,612	29
B/o				
VI.—Medical Relief and Education				
A.—Hospitals and Maternity Homes	7,97,14,599	56		
B.—Maternity Homes	50,16,126	6		
C.—Dispensaries	50,15,470	05		
D.—Family planning clinics				
E.—Medical Education	1,23,88,933	12		
F.—Statutory Contribution to Government Medical Institutions	4,14,500	04		
G.—Clinic for treatment of Leprosy cases	3,84,638	70		
H.—Providing a convalescent home of 120 Beds with Equipments, Staff quarters near K. E. M. Hospital B.C.G. Vaccination				
I.—Grant-in-aid to Public Institutions	55,44,805	29		
J.—Provident Fund, charges	3,4,847	61		
K.—Debt Charges	68,99,337	69		
L.—Construction of full fledged Buildings at L. T. M. G. H. Sion				
			11,57,28,258	22
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service				
A.—Street Cleansing and Conservancy	54,62,560	55		
B.—Collection, Loading Removal and disposal of Town Refuse	4,38,62,674	86		
C.—Halalkhore Service	33,00,117	67		
D.—Provident Fund Charges	5,34,657	33		
E.—Pension Gratuities and Compassionate allowances				
F.—Debt Charges				
			5,31,60,010	41
VIII.—Roads S. W. Drains and Public Lighting				
A.—General	15,76,443	96		
B.—Maintenance of Roads	1,54,72,651	76		
C.—Public Lighting	1,21,9,269	48		
D.—Maintenance of S. W. Drains	9,67,110	60		
E.—Rebate on Account of the compounded wheel-tax	14,700	00		
F.—Provident Fund etc. Charges	1,15,253	61		
G.—Debt Charges	1,18,58,162	69		
H.—Proportional Cost of Collection of Wheel Tax at 5% of the Total Expenditure etc.	3,47,487	41		
			4,27,91,079	51
IX.—Mechanical				
A.—Mechanical Engineer's Office Estt.	14,66,304	84		
B.—Provident Fund Charges	29,250	00		
C.—Debt Charges	44,691	24		
			15,40,246	08
X.—Buildings, Land Acquisition and Management				
A.—City Engineer's Central Office Establishment	18,53,118	11		
B.—Inspection and Supervision of Private Buildings	23,2,851	06		
C.—Architectural	2,53,116	98		
D.—Land Acquisition and Management	21,2,348	96		
E.—Inspection and Supervision of Factories, Workshops and Work Places	1,52,15	11		
F.—Debt Charges	43,42,793	71		
G.—Provident Fund, charges	95,779	97		
Deduct—Supervision Chargeable to Improvement Schemes Account	Cr. 1,74,573	86		
F.—Industrial Estate	1,71,731	95		
			1,13,43,811	99
XI.—Fire Brigade				
A.—Maintenance	44,98,228	41		
B.—Provident Fund, etc., Charges	3,129	00		
C.—Pension Gratuities and compassionate allowances				
D.—Proportion of General Supervision and Collection of Revenue	3,03,920	65		
E.—Debt Charges	4,75,462	15		
			52,85,740	21
XII.—Licensing, Removal of Encroachments on Public Streets and Administration of Shops and Establishment Act, 1948 and Theatre Tax				
A.—Licensing Establishment	17,72,535	79		
B.—Removal of encroachments on Public Streets	14,86,650	34		
C.—Administration of Shops and Establishment Act, 1948	8,34,310	73		
D.—Administration of Theatre Tax				
F.—Provident Fund, charges	85,176	00		
			41,78,672	86
XIII.—Gardens and Open Spaces				
A.—Gardens	43,81,697	92		
B.—New Gardens, Recreation Grounds etc.	1,78,273	18		
C.—Road side Trees	4,88,647	28		
D.—Open Air Theatre at Victoria Garden	1,952	39		
E.—M. G. M. O. Swimming Pool	2,00,724	56		
F.—Raja Baldeo, Birla Krida Kendra	1,56,575	69		
G.—Provident Fund, charges	33,319	00		
H.—Debt Charges	9,02,973	27		
			63,44,163	29
XIV.—Markets and Slaughter Houses				
A.—Markets and Slaughter Houses & Refrigerator at A. C. Market	1,27,97,295	55		
B.—Provident Fund and etc. charges	46,238	04		
C.—Pension Gratuities and compassionate allowances				
D.—Proportion of General Supervision	4,24,814	31		
F.—Debt Charges	53,31,714	34		
			1,86,00,062	24
XV.—Contribution to—				
(a) Budget 'B' under Section 125(2)(d) of the Bombay Municipal Corporation Act	1,49,93,426	00		
(c) Budget 'E' under Section 126(c) of the Bombay Municipal Corporation Act	2,49,89,150	00		
(e) Special Contribution to Budget 'E' under Section 126C(C-1) of the B.M.C. Act	4,20,00,000	00		
(e) Finance Fund and Welfare Fund	15,07,971	81		
			8,34,90,447	81
XVI.—Miscellaneous				
(c) Pension Fund				
(d) Gratuities Fund				
Deduct—proportionate share chargeable to—				
XVII.—Measures for civil Defence	53,071	66	53,071	66
XVIII.—Contribution to Bombay Building Repairs & Reconstruction Board	1,60,00,000	00	1,60,00,000	00
XIX.—Contribution to B. E. S. & T. Undertaking				
XX.—Lump sum provision for payment of Centenary Gift	29,03,812	90	29,03,812	
Total Expenditure—A—Revenue Account Rs.			42,54,63,989	47

	Details.		Total.	
	Rs.	P.	Rs.	P.
EXPENDITURE B—CAPITAL ACCOUNT				
I.—General Supervision, Collection of Revenue, etc.	29,30,981	44		
II.—Water Works, ordinary				
III.—Augmenting City's Water Supply				
IV.—Free Reading Room and Libraries	5,95,702	22		
V.—Public Health Department	2,85,100	84		
VI.—Medical Relief and Education	74,23,697	38		
VII.—Street Cleansing Conservancy, Road Watering and Halalkhore Service	9,64,638	25		
VIII.—Roads, S. W. Drains and Public Lighting	1,60,80,252	62		
IX.—Mechanical				
X.—Buildings, Land Acquisition and Management	Cr. 40,59,133	48		
XI.—Fire Brigade	4,06,8	5		
XII.—Gardens and open spaces	15,9,031	22		
XIV.—Markets and Slaughter Houses	1,11,03,97	50		
XV.—Slum Service				
XVII.—Greater Bombay	65,07	68		
XVIII.—Industrial Estate				
Discount and other charges on the new Loans	Cr. 13,85,527	9		
Plant and Machinery to be purchased out of Net Premia Fund	4,946	8		
Plant and Machinery to be purchased out of Municipal Fire and Accident Ins. Fund	10,97,982	22		
Plant and Machinery to be purchased out of K. E. M. Hospital Equipment Fund	Cr. 4,276	04		
Plant and Machinery to be purchased out of K. E. M. Hospital Research Fund	Cr. 19,185	91		
Plant and Machinery to be purchased out of Land (Reclamation and Acquisition) Fund	15,55,721	5		
Plant and Machinery to be purchased out of Pre-cast Concrete Slabs Pavement Renewal Fund	Cr. 3,61,992	25		
Plant and Machinery to be purchased out of Plant and Machinery Depreciation Fund	Cr. 29,614	49		
Plant and Machinery to be purchased out of Hospital Fund				
Plant and Machinery to be purchased out of Slum Service Fund				
Assets written off	43,91,772	28		
Recoupment of Advance for Purchase of Capital Stores Account Stock during 1974-75	30,55,60	7		
Plant and Machinery to be purchased out of Special Fund				
Plant and Machinery to be purchased out of Motor vehicle T. parts Insurance Fund	Cr. 87,773	85		
Expenditure out of contribution from central Railway II water works (G. I. P. Railway)	Cr. 3,74,000	00		
Railway II water works				
Expenditure out of water				
Mains Renewal Fund	Cr. 9,61,525	91		
C. W. Loan Funds Assets written off (II—Water works and VII Street Cleansing)	Cr. 1,88,75,595	95		
			2,59,38,296	87
Trust Fund—				
Expenditure	1,98,166	07	1,98,166	07
Capital Fund, Loan Works—				
II—Water Works	Cr. 85,31,39,525	10		
VII—Street Cleansing & Conservancy—	Cr. 6,33,88,564	28		
Capital W. Loan Fund Expenditure out of Development Fund—				
II—Water Works	1,40,647	79		
VIII—Street Cleansing & Conservancy	2,02,317	23		
Total B—Capital Expenditure Rs.			Rs. 99,08,34,591	45
EXPENDITURE—C.—SUSPENSE ACCOUNTS—				
I.—Sinking and Special Fund Accounts—				
(1) Sinking Fund Account—Municipal	3,17,37,284	48		
(2) Special Fund Accounts	11,02,10,263	37		
(3) Improvement Scheme Accounts—				
(a) Sinking Fund Accounts	50,79,107	68		
(b) Sinking Fund A/C Slum Clearance City	19,3,6	61		
(c) Sinking Fund Account Slum clearance (Suburbs)	14,034	03		
(d) Other Fund Accounts (Impt.)—				
(e) Investment Reserve Fund Account				
(f) Rent Equalisation Fund Account				
(g) Amenities Fund Account				
			14,76,69,056	17
II.—Paper and Cash Accounts—				
(1) Sinking Fund	5,81,21,009	12		
(2) Special Funds	30,71,02	92		
(3) Surplus Fund	11,21,63,124	60		
(4) Loan Fund	188	20		
(5) Improvement Schemes Funds—				
(a) Sinking Fund	57,70,007	78		
(b) Capital Fund	194	60		
(c) Investment Reserve Fund	2	65		
(d) Amenities Fund	53	12		
(e) Rent Equalisation Fund	73	75		
(6) Improvement Schemes A/C (Slum Clearance) City				
(a) Sinking Fund	11,15,099	32		
(b) Capital Fund	2,1	16		
(6) Improvement Schemes A/C (Slum Clearance) Subs.				
(a) Sinking Fund	7,15,802	03		
(b) Capital Fund	54	13		
* State Bank of India and other Local Banks on account of Sundry Deposits	89,85,21,022	54	1,10,74,77,975	89
Carried forward			1,2,45,37,62	06

* Includes Rs. Two less pertaining to Water and Sewerage Department

Div. I

No 15 (Contd.) City

	Details		Total	
	Rs.	P.	Rs.	P.
5			1,25,45,37,902	96
5 Case Accounts—				
Deposit Account	88,89,64,542	52		
Reserve Stores Accounts	4,90,71,601	10		
Capital Stores Accounts... ..	7,11,49,275	69		
Capital Store Account Stock—Fores Road Depot	76,532	12		
Purchase of Petrol, and Diesel Oil	21,38,065	38		
Purchase of Coal				
Advances Departmental Works	34,98,080	76		
Advances Municipal Workshops	17,45,499	25		
Municipal—four-dry	3,74,998	39		
Worli Crushers	7,71,089	57		
Sewri Crushers				
Mechanical Transport	1,21,35,739	99		
Asphalt Plant	17,30,519	25		
Pre Cast Concrete Slabs				
Rota Printing Units	3,75,548	93		
Servicing of Vehicles and Recharging of Batteries				
Municipal Printing Press	69,51,411	91		
Advances Private Works	16,26,536	40		
Advances Special Funds	1,06,77,809	47		
Municipal Contractors	8,96,567	16		
Municipal Tenderers	92	50		
Sundry Advances	4,96,45,010	77		
Advance to public including co-operatives for Housing purposes	67,37,315	88		
Advance for demolition of unauthorised Structures and for Removal of unsafe Buildings in the City	13,95,529	49		
Repayment of Loans Municipal	2,45,60,664	69		
Do. (Impts. Schemes)	64,32,906	90		
Repayment of Loans Impts. Schemes Slum Clearance City	1,40,847	38		
Subsidies	8,42,91	91		
Advances to Municipal Officers	6,58,09	00		
Provident Fund	4,31,66,672	78		
Suspense A/c Accumulated Revenue Surplus of waterworks A/c on 31-3-1975	10,66,42,219	54		
Welfare Fund				
Emen Fund	7,892	90		
Fidelity Guarantee Insurance Fund	4,670	21		
Bombay Municipal Corporation Loans Interest Warrants payable Account ...	1,82,91,163	28		
City of Bombay Improvement Trust Loans Interest Warrants Payable Account	1,31,965	16		
Dishonoured Cheques	1,22,75,029	24		
Cash Bill outstanding Account	34,082	86		
Cheques payable	1,59,57,804	40		
Wages Deposit Account	1,20,90,624	21		
Advances to B.E.S.T.				
Interest on B.I.T. Loans payable account				
Contribution receivable from Budget 'E'	1,29,47,739	75		
Interest accrued but not paid	97,40,788	42		
Unadjusted Reserve stores A/c. Stock	1,85,41,312	63		
Unadjusted Reserve stores A/c. stock fores Road Depot	3,97,542	98		
Interest Receivable Account	2,35,000	00		
Municipal Power Laundry	21,42,25	11		
Reinstatement of Trenches	32,66,334	40		
Pension Fund	9,24,85,105	05		
Gratuities Fund	30,96,329	01		
Amount transferred to Budget 'C'	23,75,97,923	38		
Amount transferred to D.A. (Subs.)	12,10,72,764	17		
Advances for unforeseen Works (During Drought period)				
Improving common House Gullies in the City	6,65,332	34		
Advance for deposit with Out Side bodies	14,350	00		
Advance from surplus Monies for Financing Expenditure on Capital works pending Raising of a new Loan	45,50,978	93		
Advances from surplus monies for purchase of plant & machinery	27,51,868	00	3,34,01,91,908	96
Total Expenditure—Suspense Accounts			4,59,46,69,951	00
EXPENDITURE—D.—IMPROVEMENT SCHEMES ACCOUNT				
General Account Expenditure—				
A.—Maintenance of Properties and Streets	3,18,66,376	79		
B.—Cost of Management and Establishment	33,19,784	53		
C.—Proportionate charges on account of Municipal Supervision	20,89,874	72		
Debit—				
Proportionate share of cost of Management and Establishment chargeable to				
(a) General Account	Cr. 68,44,087	61		
(b) Capital Account	Cr. 5,65,571	64		
Do. do. do.			3,18,66,376	78
D.—Debt Charges	95,87,349	69	95,87,349	69
Total			4,14,53,726	43
Capital Account—				
Improvement and Street Schemes, etc.	69,82,54	38		
Proportionate share of cost of Management and Establishment chargeable to General account	5,65,571	64		
Lump sum provision for granting loans to private Building etc. under Section 354 of the B.M.C. Act.				
Total	75,48,526	02	75,48,526	02
Total—General and Capital Account Expenditure			4,90,02,252	50
EXPENDITURE—E.—IMPROVEMENT SCHEMES ACCOUNT—SLUM CLEARANCE CITY—				
General Account Expenditure—				
A.—Maintenance of Properties and Streets	10,27,055	82		
D—Debt Charges	38,88,455	00	49,15,510	82
Capital Account—				
Expenditure	19,91,173	99		
Proportionate share of cost of Management and Establishment chargeable to Capital Account	27,03,652	29	46,94,826	28
Deficit in General Account				
Total E.—Improvement Schemes Account—Slum Clearance (City)			96,10,337	10

Appendix No: 15—Concluded (City)

	Details.		Total.	
	Rs.	P.	Rs.	P.
EXPENDITURE—F.—IMPROVEMENT SCHEMES ACCOUNT—SLUM CLEARANCE—(SUBURBS)—				
General Account Expenditure—				
A.—Maintenance of Properties and Streets	4,80,636	84		
D.—Debt Charges	21,75,850	81	26,56,487	65
Total			26,56,487	65
Capital Account—				
Expenditure	23,21,727	53		
Deficit in General Account	20,35,468	19	43,57,195	72
Total				
Total, F.—Improvement Schemes Account—Slum Clearance—(Suburbs)			70,13,683	37
Bank's reconciliation—				
*Balance as per Bank's Pass Book			Rs. 22,59,160	P. 83
Add—				
Revenue sent to the Bank on 31st March 1975 but acknowledged on 1st April 1975			45,40,783	29
			67,99,944	17
Less—				
Uncashed Cheques			82,40,971	65
Balance in Bank as per Day Book (Column No. 10)			Cr. 14,41,27	48
Balance in Office in Government Promissory Notes, etc.	2,24,550	00		
Balance in Office in Cash	32,482	71	3,74,03,691	03
	2,57,032	71	3,59,62,663	55
Collection kept in office	3,71,46,58	32		

SUMMARY

Receipts.			Disbursements.	
Rs.	P.		Rs.	P.
3,45,95,307	14	Balance on 1st April 1974		
50,04,28,745	70	A.—Revenue Account	42,54,63,989	47
Dr. 70,89,33,086	34	B.—Capital Account	Cr. 99,18,34,591	46
4,24,42,92,163	58	C.—Suspense Account	4,59,46,69,951	02
4,80,86,274	26	D.—Improvement Schemes Account	4,90,02,252	50
64,78,115	94	E.— Do. Slum Clearance (City)	96,10,337	10
67,00,765	27	F.— Do. do. (Suburbs)	70,13,683	37
4,03,62,92,978	41		Total Rs.	4,09,49,25,622
			* Balance on 31st March 1975	3,59,62,663
4,13,08,88,285	55	Total.—	Total Rs.	4,13,08,88,285

APPENDIX No. 15

(Suburbs)

Statement showing the Amounts of the Receipts and Expenditure respectively credited and debited to the Municipal Fund during the year 1974-75 and the Balance at the credit of the Fund at the close of the year 1974-75 (i.e., 31st March 1975).

	Details.		Total.	
	Rs.	P.	Rs.	P.
RECEIPTS—A.—REVENUE ACCOUNT.				
1.—General Tax, Indirect Taxation and Miscellaneous Revenue—				
A.—General Tax	5,78,28,080	55		
B. B. Theatre Tax	4,18,621	30		
C.—Other receipts—				
(b)—Grants-in-aid in respect of fines for offences against the law	...			
(c)—Interest and profit on Investment of Surplus Loans and other balances	28,77,557	21		
(e)—Miscellaneous	5,93,864	39		
D.—Receipts on account of Proportionate cost of Collection of Education cess	1,11,287	35		
E.—Rebate from Govt. on account of collection of Education cess	2,07,589	41		
			6,21,37,000	21
2. Water Works—Water Tax and other Miscellaneous Water Works Revenue				
A.—Water Tax	...			
B.—Other Receipts	...			
4. Free Reading Rooms, Libraries and Municipal High Schools			1,821	74
5. Public Health Department			5,82,254	44
6. Medical Relief and Education			1,23,158	81
7. Street Cleansing and Conservancy, etc.				
A.—Halalkhore Tax	...			
B.—Other receipts	2,23,474	25		
C.—Tax on Dogs	20,650	00		
D.—Veterinary Department Fees	...		2,44,144	25
8. Roads, Storm water Drains and Public Lighting				
A.—Wheel Tax	22,24,028	83		
B.—Contribution from Government in lieu of Tolls	16,673	00		
C.—Other receipts	12,15,901	95		
D.—Ferry Receipts	...		34,56,603	76
9. Mechanical			71,159	23
10. Buildings, Land Acquisition and Management—				
A.—Sale Proceeds of Surplus Land	9,735	68		
B.—Other Receipts				
(a)—Rent of Bldgs.	89,799	82		
(b)—Ground Rent	23,807	24		
(c)—Miscellaneous Receipts	60,17,802	74	61,41,145	48
11. Fire Brigade—				
A.—Fire Tax	18,28,719	41		
B.—Other Receipts	4,520	93		
			18,33,240	34
12. Licensing, Removal of Encroachments on Public Streets and Administration of Shops and Establishment Act, 1948 and Theatre Tax—				
A.—Licences for Dangerous and Offensive Trades	13,55,026	15		
B.—Removal of Encroachments on Public Streets, Licences for squatters and Hawkers and fees for removal of encroachments	5,98,462	60		
C.—Grants-in-aid from Government for the Administration of Shops and Establishment Act, 1948	1,66,533	98		
D.—Miscellaneous	3,33,531	97		
			24,53,604	70
13. Gardens and Open Spaces			1,74,164	30
14. Markets and Slaughter Houses			10,05,071	83
15. Contribution from Capital Funds to Revenue on account of Loan Works Staff			7,58,242	20
16. Rebate from Government on account of Collection of the Urban Immoveable Property Tax in the Suburbs				
17. Grant-in-aid from Government			244	25
19. Receipts from Government on account of U.I.P. Tax			4,666	01
20. Grant in aid from central Govt. on account of Additional Expenditure due to increase in emoluments of the employees of the Corporation				
Total—Revenue Receipts			7,88,86,521	57

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APPENDIX No. 15—(Contd)
(Suburbs)

	Details.		Total.	
	Rs.	P.	Rs.	P.
RECEIPTS—B.—CAPITAL ACCOUNT.				
Capital Receipts—				
Debt Principal	Dr. 9,76,40,860	00		
New Loan 1974-75	2,65,30,000	00		
Trust Funds	...	...
Contribution from Govt. equal to 1/3rd of the Exp. etc.	Dr. 89,92,515	25		
Contribution from Hospital Fund of Budget 'A'	...	...
Total—Capital Account Receipts			Dr. 8,01,33,375	25
RECEIPTS—C.—SUSPENSE ACCOUNT				
I.—Sinking and Special Fund Accounts—				
Sinking and Special Fund Accounts	1,50,58,120	05		
Loan Redemption Fund	1,76,91,176	57		
			3,27,49,296	62
II.—Paper and Cash Accounts—				
(1) Sinking Funds	2,60,75,383	66		
(2) Special Funds	1,09,372	12		
(3) Surplus Funds	2,72,52,207	46		
(4) Loan Funds	20,09,622	58		
State Bank of India and Other Local Banks on account of Sundry Deposits	21,23,27,621	80		
			26,77,72,207	62
III.—Suspense Accounts—				
Deposit Account	13,04,09,503	11		
Advances for demolition of unauthorised structures and for removal of unsafe buildings in the suburbs	3,320	67		
Advances for purchase of Petrol	5,46,073	92		
Advances for Departmental Works	12,28,884	31		
Advances for Private Works	2,64,058	82		
Repayment of Municipal Loans (Subs.)	...	...
Advances Sundries, Miscellaneous Advances	1,27,92,665	12		
Advances Municipal Contractors	8,86	24		
Dishonoured Cheques	51,73,094	66		
Advances—Municipal Officers—				
(a) Standing Advances for Contingent Expenses	8,250	00		
(b) Motor Cars and Motor Cycles to Officers	63,498	00		
(c) Cycle Advances to Subordinates	...	...
Suspense Account Mechanical Transport	40,48,091	09		
Provident Fund (Suburbs)	98,28,155	25		
Reinstatement of Trenches	7,96,075	98		
Greater Bombay Suburbs Municipal Corporation Loan				
Interest Warrants Payable Account	1,04,70,018	30		
Interest accrued but not paid	2,48,879	16		
Cash Bills Outstanding Account	19,71	04		
Cheques Payable	28,63,93,697	05		
Plant and Machinery to be purchased out of S. C. B.	...	...
Amount Transferred from Municipal General Fund	10,26,23,640	69		
Wages Deposit Account	29,84,251	79		
Municipal Debt Interest	1,40,62,880	84		
Interest on Loans Payable A/c.	3,00,461	42		
Advances Special Fund—Welfare Fund	10	00		
Advances for Conversion of Basket Previews into F. F. W as pending recoveries from House Owners	24,371	07		
Advances for Halalkhore Service from Budget G	21,458	08		
Advances and Suspense A/c. Halalkhore Service	Dr. 21,458	08		
			58,22,97,649	44
Total—Suspense Account Receipts—I, II, III.			83,28,19,153	68
EXPENDITURE—A.—REVENUE ACCOUNT.				
I.—General Supervision, Collection of Revenue, etc.—				
A.—General Superintendence—				
(b) Chief Auditor's Establishment	2,84,187	09		
(c) Municipal Commissioner's Personal and General Office	1,55,928	68		
(d) Audit and Accounts Establishment	10,33,592	81		
(e) Labour Officer's Establishment	45,082	97		
(h) Public Relations Officer's Department	49,748	47		
(h) Chief Complaints Officer's Establishment	71,877	74		
B.—(Collection of Revenue—				
(a) Property and Wheel Tax Establishment	36,54,934	66		
(c) Theatre Tax	12,300	00		
C.—Upkeep and guarding of Municipal Offices				
E.—Legal Deptt.	9,05,213	76		
F.—Miscellaneous Charges	60,799	48		
H.—P. F. Charges	3,15,118	61		
	95,692	59		
Total—I—Gen. Sup. A. to H.	6,84,416	89		
Deduct—Proportion of General Superintendence	Cr. 25,79,245	51		
Total—A to H	41,05,231	38		
—Debt Charges	2,75,953	91	43,81,185	29
Carried forward			43,81,185	29

APPENDIX No. 15—(Contd.)
(Suburbs)

	Details.		Total.	
	Rs.	P.	Rs.	P.
Brought over ...			43,81,185	29
EXPENDITURE—A.—REVENUE ACCOUNT—(Contd.)				
III.—Water Works—				
A.—Maintenance ...	...	...
C.—P. F. Charges ...	...	...
D.—Pension, Gratuities and Compassionate allowances				
(a) Pension Funds ...	...	...
(b) Gratuities Funds ...	...	...
E.—Proportion of General Suptd. & Collection of Revenue... ..	...	...
F.—Debt Charges ...	...	...
IV.—Free Reading Rooms, Libraries and Municipal High Schools				
A.—Mun. Free Reading Rooms etc. ...	8,80,846	97		
C.—Provident Fund Charges ...	...	...
D.—Debt Charges ...	9,941	46		
V.—Public Health Department—			89,088	43
A.—General Superintendence ...	51,71,421	32		
B.—Supply of Milk Snacks etc. to the children attending Municipal Primary Schools. ...	16,26,225	08		
C.—P. F. Charges ...	Cr. 10,759	71		
D.—Malaria Eradication Programme ...	5,69,612	01		
E.—Debt Charges ...	93,213	10		
H.—Population Census ...	...	...
I.—Filaria Control Programme ...	2,49,749	02		
VI.—Medical Relief and Education—			77,03,810	72
A.—Hospitals				
(d)(vi) T. B. Clinic at Khar ...	2,25,870	09		
(d)(vii) Central T. B. Case Registration Centre ...	Cr. 95	95		
(h) K. B. Bhabha Hospital, and Sir C. J. R. Dispensary, Bandra ...	31,07,016	42		
(i) K. B. Bhabha Hospital, Kurla ...	22,83,910	89		
(j) M. G. H. Rajawadi, Ghatkopar ...	45,70,451	73		
(l) Medico Social Centre at Bandra ...	...	...
(m) Reservation of beds for B. M. C. at Smt. B. C. J. Sastracruz General Hospital ...	54,106	00		
(n) Juhu Hospital, Vile Parle ...	81,68,931	67		
(r) Reservation of beds for B. M. C. (Andheri) ...	42,908	00		
(s) M. G. Hospital Chembur ...	18,00,980	76		
B.—Maternity Homes & Children Welfare Service				
(a) Maternity Homes ...	20,81,898	67		
C.—Dispensaries—(a) Dispensaries, for out patients				
(1) Allopathic ...	25,70,631	84		
(c) Municipal Mobile Dispensary at Rajawadi Ghatkopar ...	20,413	92		
(d) Mobile Dispensaries ...	3,63,200	00		
D.—Family Welfare ...	...	...
I.—Grant in aid to Public Institutions ...	2,98,354	75		
J.—P. F. Charges ...	37,304	00		
K.—Debt Charges ...	12,58,280	38		
VII.—Street Cleansing and Conservancy, etc.			2,68,93,193	19
A.—Street Cleansing and Conservancy ...	24,72,792	13		
B.—Collection, Loading, Removal and Disposal of T. R. ...	1,01,98,977	49		
C.—Halalkhore Service ...	22,31,902	06		
D.—Provident Fund Charges ...	22,855	55		
E.—Pension, Gratuities and compassionate Allowances for Halalkhore service ...	...	...
F.—Debt Charges ...	...	...
VIII.—Roads, S.W. Drains and Public lighting			1,48,26,527	13
A.—General ...	16,67,319	46		
B.—Maintenance of Roads ...	1,69,1,025	17		
C.—Public Lighting ...	59,74,885	61		
D.—Maintenance of S. W. Drains ...	20,58,291	50		
E.—Unkeep of Ferry Boats ...	...	...
G.—P. F. Charges ...	63	64		
H.—Debt Charges ...	1,12,62,708	50		
I.—Proportionate cost etc. ...	1,85,418	92		
IX.—Mechanical			3,80,60,272	80
A.—M.E.'s Office Establishment ...	1,00,947	10		
B.—Maintenance of electric Installation. ...	1,52,859	90		
C.—P. F. ...	4,526	00		
D.—Debt Charges ...	2,912	00		
X.—Buildings, Land Acquisition and Management—			2,61,245	00
A.—City Engineer's Central Office Establishment ...	13,36,552	23		
B.—Inspection and Supervision of Private Buildings etc. ...	8,53,369	92		
D.—Land Acquisition and Management ...	1,38,015	29		
E.—Inspection and supervision of factories, workshops and workplaces. ...	1,04,071	80		
G.—P. F. Charges ...	31,500	00		
H.—Debt Charges ...	15,75,572	76	40,39,482	00
Carried forward ...			9,05,544	56

APPENDIX No. 15—(Contd.)
(Suburbs)

	Details.		Total.	
	Rs.	P.	Rs.	P.
Brought over ...			9,70,56,544	56.
XI.—Fire Brigade—				
A.—Maintenance ...	9,55,866	35		
B.—Provident Fund ...	501	00		
C.—Pension, Gratuities etc. ...				
D.—Proportion of General Superintendent ...	1,03,678	25		
E.—Debt Charges ...	76,780	17		
XII.—Licensing and Removal of Encroachment on Public Streets			11,36,825	77.
Administration of Shops and Establishment Act, 1948				
Administration of Theatre Tax and Parking Grounds—				
A.—Licensing Establishment ...	4,77,341	96		
B.—Removal of Encroachments on Public Streets ...	3,37,103	89		
C.—Administration of Shops and Establishment Act, 1948 ...	2,02,862	60		
D.—Provident Fund ...	25,716	00		
XIII.—Gardens and Open Spaces—			10,43,028	45.
A.—Gardens ...	17,18,755	55		
B.—New Gardens, Recreation Grounds etc. ...	89,319	40		
C.—Roadside Trees ...	1,98,779	61		
D.—Open Air Theatres ...	26,815	07		
H.—Chatkopar Swimming Pool ...	1,45,999	07		
I.—P. F. Charges ...	Cr. 4,018	00		
J.—Debt charges ...	2,31,851	78		
XIV.—Markets and Slaughter Houses—			23,66,082	48.
A.—Markets & Slaughter Houses ...	10,97,190	00		
B.—P. F. Charges ...	8,647	00		
C.—Pension, Gratuities etc. ...	15,100	00		
D.—Proportion of Gen. Supdt. ...	73,716	70		
E.—Debt Charges ...	3,72,852	04		
XV.—Contribution to—			15,67,405	76.
(a) Budget 'B' under Section 125 (2) (d) of the Bombay Municipal Corporation Act ...	68,33,840	00		
(b) Budget 'E' under Section 126-C(c) of the Bombay Municipal Corporation Act ...	1,05,28,471	79		
XVI.—Miscellaneous			3,88,160	00
A. P. F. (c) Pension Fund ...	55,404	77		
(d) Gratuities Fund ...	3,32,755	23		
XX.—Lump Sum Provision for Centenary Gift			85,009	97
Total.—Expenditure—A.—Revenue Account			12,10,05,368	76.
EXPENDITURE—B.—CAPITAL ACCOUNT				
I.—General Supervision Collection of Revenue, etc. ...	8,83,759	40		
II.—Water Works ...	Cr. 4,43,63,823	91		
IV.—Free Reading Rooms & Libraries & Municipal High Schools ...				
V.—Public Health Department ...	4,02,733	13		
VI.—Medical Relief and Education ...	64,06,986	54		
VII.—Street Cleansing and Conservancy ...	Cr. 5,42,7,616	33		
VIII.—Roads, S. W. Drains and Public lighting ...	2,07,22,518	60		
IX.—Mechanical ...				
IX.—Buildings Land Acquisition and Management ...	37,31,358	59		
XI.—Fire Brigade ...	1,53,55	45		
XIII.—Gardens, Recreation Centres and Open Spaces ...	29,505	75		
XIV.—Markets and Slaughter Houses ...	14,06,959	62		
XV.—Slum Service and Village Amenities ...				
XVI.—Industrial Estates ...				
Suspect A/c. Mechanical Transport ...	10,01,729	11		
Advances for purchase of Plant and Machinery ...	38,82,43	39		
Discount and other charges ...				
Assets written off ...	2,71,934	56		
Trust Fund Expenditure ...				
Total—Capital Account Expenditure			Cr. 6,28,23,306	10.
EXPENDITURE—C.—SUSPENSE ACCOUNT.				
I.—Sinking and Special Fund Accounts—				
Sinking and Special Fund Accounts ...	1,64,45,768	47		
Loan Redemption Fund ...				
II.—Paper and Cash Accounts—				
(1) Sinking Funds ...	2,47,88,165	56		
(2) Special Funds ...	8,941	80		
(3) Surplus Funds ...	3,11,85,036	11		
(4) Loan Funds ...				
State Bank of India and Other Local Banks on account of Sundry Deposits ...	21,50,35,259	68		
Carried forward			24,7,63,171	62

APPENDIX No. 15—(Concluded)
(Suburbs)
SUMMARY

	Details.		Total.	
	Rs.	P.	Rs.	P.
Brought over ...			28,74,63,171	62
EXPENDITURE—C.—SUSPENSE ACCOUNT—(Contd.)				
III.—Suspense Accounts—				
Deposit Account ...	8,60,46,425	22		
Advances to demolition of unauthorised Structures and for removal of unsafe buildings in the Suburbs ...	1,32,935	83		
Advances for Purchase of Petrol ...	7,98,222	74		
Advances Departmental Works ...	2,31,795	67		
Advances Private Works ...	3,50,393	65		
Advances Special Fund—Welfare Fund ...	75	00		
Advances—Municipal Contractors ...	99,657	02		
Advances—Sundries, Miscellaneous Advances ...	2,48,70,240	48		
Dis honoured Cheques ...	51,73,094	66		
Advances for Halalkhore Service for Budget C ...	Cr 16,420	69		
Advances and Suspense A/c. Halalkhore service ...	30,58,036	14		
Advances to Municipal Officers—				
(a) Standing Advances for Contingent Expenses ...	11,950	00		
(b) Motor Cars and Motor Cycles to Officers ...				
(c) Cycle Advances to Subordinates ...				
Suspenses Account Mechanical Transport ...	74,82,056	54		
Provident Fund—Suburbs ...	98,28,155	25		
Repayment of Municipal Loan (Subs.) ...	1,25,97,307	00		
Reinstatement of Trenches ...	15,19,129	26		
Greater Bombay Municipal Corporation Loan Interest warrant payable Account ...	1,04,72,987	80		
Cheques Payable ...	28,63,43,942	99		
Cash Bills Outstanding Account ...	9,905	80		
Wages Deposit Account ...	29,84,251	79		
Municipal Debt Interest ...	1,40,62,880	84		
Interest accrued but not paid ...	1,31,378	87		
Amount transferred from Municipal General Fund ...	6,22,97,545	37		
Advances for Conversion of Basket Privies etc ...	19,466	70		
Advances for Deposit with Outside Bodies ...	1,570	00		
Total, III.—Suspense Account Expenditure ...			53,26,20,988	94
Total —I, II & III. ...			82,00,84,160	56

SUMMARY.

Receipts				Disbursements.	
Rs.	P.	Rs.	P.	Rs.	P.
74,61,758	49				
788,86,521	57			12,10,05,368	76
Dr. 8,01,33,375	25			Cr. 6,28,23,306	10
88,28,19,153	68			82,00,84,160	56
				1,07,67,875	27
88,90,34,058	49			88,90,34,098	49
Bank's Reconciliation—					
Balance as per Bank's Pass Books ...				13,04,617	56
Add—					
Revenue sent to the Bank on 31st March 1975 but acknowledged on 1st April 1975 ...				10,97,091	29
				24,01,708	85
Less—					
Uncashed Cheques ...				Dr. 79,24,582	92
Balance in Bank as per Day Book (Column No. 10) ...				Dr. 55,228.4	07
Balance in Office in Government Promissory Notes, etc. ...		2,27,750	00		
Balance in Office in Cash ...		1,60,62,999	34		
Collection held in Office Treasury ...				1,62,90,749	34
				1,07,67,875	27

APPENDIX No. 15

(Extended Suburbs)

Statement showing the Amounts of the Receipts and Expenditure respectively credited and debited - to the Municipal Fund during the year 1974-75 and the Balance at the credit of the Fund at the close of the year, 1974-75 (i. e. 31st March 1975.)

	Details.		Total	
	Rs.	P.	Rs.	P.
RECEIPTS—A.—REVENUE ACCOUNT				
1.—General Tax, Indirect Taxation and Miscellaneous Revenue—				
A.—General Tax :—(1) From the Public	2,48,67,859.48			
C.—Other Receipts				
(b) Grants-in-aid in respect of fines for offences against the law				
(c) Interest and profit on Investment of Surplus Loans and other balances	19,64,375.59			
(e) Miscellaneous	Dr. 2,03,731.26			
D.—Receipts on account of proportionate Cost of Collection of Education cess.	32,576.43			
E.—Rebate from Government on account of Collection of Education cess	81,934.10			
BB.—Theatre Tax	2,12,665.40			
			2,69,55,674.74	
2. Water Works—Water Tax and other Miscellaneous Water Works Revenue—				
A.—Water Tax	...			
B.—Other Receipts	...			
4. Free Reading Rooms, Libraries & Municipal High Schools				1,440.00
5. Public Health Department				2,47,078.28
6. Medical Relief and Education				32,984.38
7. Street Cleansing and Conservancy, Road Watering and Halalkhore Service—				
A.—Halalkhore Tax	...			
B.—Other Receipts	2,04,221.84			
C.—Tax on dogs	6,281.50			
			2,10,509.34	
8. Roads S. W. Drains and Public Lighting—				
A.—Wheel Tax	5,89,890.22			
B.—Contribution from Government in Lieu of Tolls	3,964.00			
C.—Other Receipts	7,82,06.32			
D.—Ferry Receipts	Dr. 6,778.75			
			13,69,881.79	
9. Mechanical				
10. Buildings, Land Acquisition and Management—				
A.—Sale proceeds of Land	...			
B.—Other Receipts	...			
(a) Rent of Buildings	31,736.86			
(b) Ground Rent	2,019.85			
(c) Miscellaneous Receipts	35,14,198.77			
			35,47,955.48	
11.—Fire Brigade—				
A.—Fire Tax	11,10,358.25			
B.—Other Receipts	...			
			11,10,358.25	
12. Licensing, Removal of Encroachments on Public Streets and Administration of Shops and Establishment Act, 1948 and Theatre Tax—				
A.—Licences for Dangerous and Offensive Trades	7,85,402.78			
B.—Removal of Encroachments on Public Streets, Licences for squatter and Hawkers and fee for removal encroachments	2,28,957.55			
C.—Grants-in-aid from Government for the Administration of Shop and Establishment Act, 1948	88,062.49			
D.—Miscellaneous	64,443.95			
			11,66,866.77	
13. Gardens and Open Spaces				1,25,430.68
14.—Markets and Slaughter Houses				5,83,020.63
15. Contribution from Capitol Funds to Revenue on account of Loan Work Staff				3,96,742.82
17. Rebate from Government on account of Collection of the Urban Immoveable Property Tax in the Ext. Suburbs				83.35
19. Receipts for Government on account of U. I. P. Tax				1,407.12
20. Grant-in-aid from Central Government on account of Additional Expenditure due to increase in emoluments of the employees of the Corporation				...
Total—Revenue Receipts				3,57,49,433.63

**APPENDIX No. 15—(Contd.)
(Ext. Suburbs.)**

	Details.		Total.	
	Rs.	P.	Rs.	P.
RECEIPTS—B.—CAPITAL ACCOUNT.				
Capital Receipts—				
New Loan 1974-75 ..	1,05,00,000	00		
Trust Funds ..	Dr. 35,00,000	00		
Contribution from Govt. equal to 1/3rd of the Exp. etc. ..				
Debt Principal ..	Dr. 5,90,66,077	00		
Total—Capital Account Receipts ..	...	Dr.	5,20,66,077	00
RECEIPTS—C.—SUSPENSE ACCOUNT.				
I.—Sinking and Special Fund Accounts—				
Sinking Fund Accounts ..	69,42,434	80		
Special Fund account Provident Fund account—				
Hospital Fund Account :—				
Loan Redemption Fund ..	1,22,62,319	78	1,92,04,754	58
II.—Paper and Cash Accounts—				
(1) Sinking Funds ..	57,28,763	89		
(2) Special Funds ..				
(3) Surplus Funds ..	1,35,85,934	30		
(4) Loan Funds ..	32,14,638	92		
(5) State Bank of India and Other Local Banks on account of Sundry Deposits ..	7,39,97,461	20		
III.—Suspense Accounts—				
Deposit Account ..	5,42,10,280	41		
Advances for demolition of unauthorised structures and for removal of unsafe buildings in the Ext. Suburbs ..		8,867		
Municipal Debt Interest ..	80,03,382	68		
Advances for purchase of Petrol ..				
Advances for Departmental Works ..	11,84,727	21		
Advances for Private Works ..	1,24,944	85		
Advances Sundries Miscellaneous Advances ..	57,17,955	22		
Advances Municipal Contractors ..				
Dishonoured Cheques ..	23,35,655	31		
Advances—Municipal Officers—				
(a) Standing Advances for Contingent Expenses ..		200		
(b) Motor Cars and Motor Cycles to Officers ..		12,213		
(c) Cycle advances to Subordinates ..				
Provident Fund Extended Suburbs ..	31,23,754	62		
Interest Receivable A/c ..				
Municipal General Fund ..	4,75,90,201	74		
Greater Bombay Ext. Suburbs Municipal Corporation Loan Interest				
Warrants Payable Account ..	55,85,091	20		
Interest accrued but not paid ..		75,202		
Cash Bills Outstanding Account ..		11,047		
Cheques Payable ..	0,12,54,255	32		
Wages Deposit A/c ..	10,15,823	76		
Advances out of Surplus Cash Balance for financing the expenditure on Capital Works Loan Funds ..				
Reinstatement of Trenches ..	3,16,421	08		
Suspense Account Mechanical Transport ..		9		
Interest on Loans Payable Account ..	1,24,370	00	23,06,99,393	44
Total,—Suspense Account Receipts—I, II, III ..	...		36,64,30,946	33
EXPENDITURE—A.—REVENUE ACCOUNT.				
I.—General Supervision, Collection of Revenue, etc.—				
A.—General Superintendence—				
(b) Chief Auditor's Establishment ..	1,08,726	54		
(c) Municipal Commissioner's Personal and General Office ..	53,330	04		
(d) Audit and Accounts Establishment ..	4,79,932	44		
(h) Public Relations Officer's Department ..		75		
(k) Chief Complaints Officer's Establishment ..	10,367	24		
B.—Collection of Revenue—				
(a) Property and Wheel Tax Establishment ..	10,64,000	92		
C.—Upkeep and Guarding of Municipal Offices ..	2,07,944	78		
D.—General Stores ..				
E.—Legal Department ..	19,738	68		
F.—Miscellaneous Charges ..	8,313	15		
H.—Provident Fund Charges ..	26,758	00		
Total—I General Supervision (A to H) ..	19,79,003	54		
Deduct—Proportion of General Supdt. ..	Cr. 7,92,400	05		
Total—A to H ..	11,87,208	49		
I.—Debt Charges ..			3,13,187	71
Carried forward ..	...		15,00,396	20

APPENDIX No. 15—(Contd.).

(Ext. Suburba.)

	Details.		Total.	
	Rs.	P.	Rs.	P.
Brought Over ..			15,00	396 23
EXPENDITURE—A.—REVENUE ACCOUNT—(Contd.)				
II.—Water Works—				
A.—Maintenance ..	...	...
C.—Provident Fund charges ..	...	...
D.—Pension, Gratuities and compassionate Allowances ..	...	...
E.—Proportion of General Superintendence and collection of Revenue ..	...	...
F.—Debt Charges ..	...	...
IV.—Free Reading Rooms, Libraries and Municipal High Schools				
A.—Municipal Free Reading Rooms and Libraries ..	1,61,218.00			
C.—Provident Fund charges ..	...	...	1,61,218 00	
V.—Public Health Department—				
A.—General Superintendence ..	24,84,435 64			
B.—Supply of Milk, Snacks etc. ..	6,54,086.65			
C.—Provident Fund charges ..	1,23,323.00			
D.—Malaria Eradication Programme ..	2,25,942.95			
E.—Debt Charges ..	1,13,592.39			
H.—Population census ..	...	...
I.—Filaria control programme ..	1,15,143.96		36,05,528.99	
VI.—Medical Relief and Education—				
A.—Hospitals ..	36,17,321.76			
B.—Maternity Homes and children welfare service ..	24,79,725.91			
C.—Dispensaries ..	13,04,784.26			
D.—Family Welfare Planning Centre ..	...	...
G.—Clinic for treatment of leprosy cases ..	...	...
I.—Grant-in-Aid to Public Institutions ..	1,95,000.00			
J.—Provident Fund charges ..	16,294.00			
K.—Debt Charges ..	7,82,037.85		83,95,163.78	
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service—				
A.—Street Cleansing and Conservancy ..	12,92,802.06			
B.—Collection, loading, removal and disposal of T. R. ..	43,88,110.9			
C.—Halalkhore Service ..	439 2 2.23			
D.—Provident Fund charges ..	Cr 1,39,505.92			
E.—Pension Gratuities etc. ..	...	...
F.—Debt Charges ..	...	...	59,80,669.85	
VIII.—Roads, S. W. Drains and Public Lighting—				
A.—General ..	4,41,061.72			
B.—Maintenance of Roads ..	4,25,178.17			
C.—Public Lighting ..	20,77,839.16			
D.—Maint. of S. W. Drains ..	8,83,120.42			
H.—Provident Fund charges ..	3,503.48			
I.—Debt Charges ..	59,35,428.12			
J.—Proportionate Cost of Collection of Wheel Tax ..	54,294.05		1,58,23,425 02	
IX.—Mechanical—				
A.—ME's Office Est. ..	...	...
B.—Maintenance of Electrical Installations ..	26,807.49			
D.—Debt charges ..	...	...	26,807.49	
X.—Buildings, Land Acquisition and Management—				
A.—City Engineers Central Office Establishment ..	5,81,098.43			
B.—Inspection and Supervision of Private Buildings ..	28,525.81			
D.—Land Acquisition & Management ..	3,070.53			
E.—Insp. & Sup. of Factories Workshops & Work places ..	67,253.71			
G.—Provident Fund charges ..	...	...
H.—Debt Charges ..	5,61,484.26		12,41,392.74	
XI.—Fire Brigade				
A.—Maintenance ..	21,157.69			
D.—Proportion of Gen. Suptd. & Collection of Revenue ..	31,595.50			
E.—Debt Charges ..	1,07,117.91		1,58,866.10	
XII.—Licensing, Removal of Encroachment on Public Streets and Administration of Shops and Establishment Act, 1948 and Theatre Tax				
A.—Licensing Establishment ..	2,47,717.01			
B.—Removal of Encroachments on Public Streets ..	2,03,397.20			
C.—Administration of Shops and Establishment Act, 1948 ..	1,14,576.82			
D.—Provident Fund charges ..	13,228.00		5,78,929.03	
XIII.—Gardens and Open Spaces—				
A.—Gardens ..	4,57,050.51			
B.—New Gardens ..	734 6.13			
C.—Road side Trees ..	84,399.50			
G.—S. V. Patel Swimming Pool Kandivli ..	1,42,168.83			
H.—Provident Fund Charges ..	777 00			
I.—Debt Charges ..	87,557.23		8,39,251.20	
Carried forward ..	...	...	83,11,665 41	

APPENDIX No. 15—(Contd.).

(Ext. Suburbs.)

	Details.		Total.	
	Rs.	P.	Rs.	P.
Brought over ..			3,83,11,665.41	
EXPENDITURE—A.—REVENUE ACCOUNT—(Contd.)				
XIV.—Markets and Slaughter Houses—				
A.—Markets and Slaughter Houses ..	4,11,001.32			
B.—Provident Fund charges ..	2,658.00			
C.—Pension Gratuities etc. ..	5,000.00			
D.—Proportion of Gen. Surdt. ..	22,94.69			
E.—Debt charges ..	1,90,700.51		6,30,954.52	
XV.—Contribution to				
(a) Budget 'B' under Section 125(2)(d) of the Bombay Municipal Corporation Act ..	26,88,731.00			
(b) Budget 'E' under Sec. 126—C(c) of the B.M.C. Act ..	34,02,038.76		60,90,769.76	
XVI.—Miscellaneous—				
A.—Provident Fund, Pensions, Gratuities and Compassionate Allowance				
(c) Pension Fund ..	Cr. 10.85			
(d) Gratuities Fund ..	1,17,010.85		1,17,000.00	
XX.—Lump Sum Provision for Centenary Gift ..	...		5,729.76	
Total—Expenditure—A.—Revenue Account ..			4,51,56,118.45	
EXPENDITURE—B.—CAPITAL ACCOUNT.				
I.—General Supervision Collection of Revenue, etc. ..	1,91,225.33			
II.—Water Works ..	Cr. 2,45,80,100.50			
V.—Public Health Department ..	36.59			
VI.—Medical Relief and Education ..	30,14,972.37			
VII.—Street Cleansing and Conservancy ..	Cr. 2,75,72,257.73			
VIII.—Roads, S.W. Drains and Public Lighting ..	95,16,536.19			
X.—Buildings, Land Acquisition and Management ..	9,92,758.96			
XI.—Fire Brigade ..	9,29,78.26			
XIII.—Gardens and Open Spaces ..	1,1,032.53			
XIV.—Markets and Slaughter Houses ..	1,04,194.45			
XV.—Slum service and Village Amenities				
Suspense A/c ..	1,19,911.88			
Advances for purchase of Plant and Machinery ..	...		
Discount and other charges ..	...		
Assets written off ..	...		
Trust Fund Expenditure ..	...		
Total—B—Capital Account Expenditure ..	...	Cr.	3,71,63,965.57	
EXPENDITURE—C.—SUSPENSE ACCOUNT.				
I.—Sinking and Special Fund Accounts—				
Sinking and Special Fund Accounts ..	31,33,564.49			
Loan Redemption Fund ..	...		31,38,564.49	
II.—Paper and Cash Accounts—				
(1) Sinking Funds ..	95,32,634.20			
(2) Special Funds ..	...		
(3) Surplus Funds ..	1,09,97,530.06			
(4) Loan Funds ..	...		
(5) State Bank of India and Other Local Banks on account of Sundry Deposit ..	9,86,03,516.60		11,91,33,680.86	
Carried forward. ..	...		12,22,72,245.35	

Appendix No. 22
IMPROVEMENT SCHEMES
General Account for the year ending 31st March 1975

Particulars.	Amount.	Particulars.	Amount.
	Rs.		Rs.
To Revenue Expenditure as per Appendix No. 24	4,14,53,727	By Revenue Receipts as per Appendix No. 23	4,76,55,467
Balance being Surplus for the year transferred to Capital Account Balance Sheet.	62,01,740		
Total ..	4,76,55,467	Total ..	4,76,55,467

APPENDIX No. 22A

Improvement Schemes Account—Slum Clearance Account—(City)
General Account for the year ending 31st March 1975.

Particulars.	Amount.	Particulars.	Amount.
	Rs		Rs.
To Revenue Expenditure as per appendix 24A	49,15,511	By Revenue Receipts under	
		(i) Rent and other proceeds of properties	20,92,908
		(ii) Interest and Profits on Investments	1,18,391
		(iii) Miscellaneous Receipts	---
			22,11,859
		Balance being Deficit for the year transferred to Capital Account Balance Sheet	27,03,652
Total	49,15,511	Total	49,15,511

APPENDIX No. 22B

Improvement Schemes Account—Slum Clearance Account—Suburbs and Ext. Suburbs
General Account for the year ending 31st March 1975.

Particulars.	Amount.	Particulars.	Amount.
	Rs.		Rs.
To Revenue Expenditure as per appendix 24B	26,56,487	By Revenue receipts under	
		(i) Rent and other proceeds of properties	4,74,145
		(ii) Contribution from Bridge—'D'	---
		(iii) Interest & Profits on Investments	17,345
		(iv) Miscellaneous Receipts	1,23,529
			6,21,019
		Balance being Deficit for the year transferred to Capital Account Balance Sheet	20,35,468
Total	26,56,487	Total	26,56,487

Appendix No. 25A.

IMPROVEMENTS SCHEMES

Slum Clearance City

Balance Sheet Capital Account as on 31st March 1975.

LIABILITIES	Rs.	P.	ASSETS.	Rs.	P.
LOAN OUTSTANDING—			BLOCK ACCOUNT—		
(Vide details as shown in Appendix No. 29A)	3,55,43,533.92		Property and Assets at original cost as per Appendix No. 26A	3,86,33,103.98	
Subsidy from Government	1,04,02,426.00		Sinking Fund as per Appendix No. 23A	81,44,506.34	
Sale proceeds up to 31st March 1975	33,028.68				
Advances from surplus monies	13,61,671.12				
Sinking Fund on Loans	84,44,506.34		CAPITAL FUND—		
Loan Redemption Fund	5,52,382.08				
		6,03,42,549.14			
Deduct—					
Deficit upto 31st March 1974	1,05,61,280.53				
Add—Deficit during the year	27,03,652.29				
		1,32,64,932.82			
Total Rs.		4,70,77,615.32	Total Rs.		4,70,77,615.32

Appendix No. 25 B.

IMPROVEMENTS SCHEMES

Slum Clearance Suburbs.

Balance sheet Capital Account as on 31st March 1975.

LIABILITIES.	Rs.	P.	ASSETS.	Rs.	P.
Loan outstanding	2,58,93,428.24		Block Account Property and Asset at original cost as per Appendix No. 26B	3,44,42,511.54	
Advances from surplus monies	31,89,307.81		Sinking Fund as per app. 28B	45,49,505.25	
Subsidy from Government	5,82,779.00		Capital Fund		
Sinking Fund on loan	45,49,505.25				
Sale proceeds upto 31st March 1975	30,35,951.72				
Add—					
Loan Redemption Fund	2,99,549.76				
Less—					
Deficit upto 31st March 1974	17,23,045.60	4,27,50,530.78			
Add—Deficit during the year	20,35,463.19	37,58,513.99			
Total Rs.		3,89,92,016.79	Total Rs.		3,89,92,016.79

Appendix No. 26

IMPROVEMENT SCHEMES

Block account showing details of Capital Expenditure upto 31st March 1975.

Particulars	Total Capital Expenditure upto 31st March 1974	Expenditure during 1974-75	Total Capital Expenditure upto 31st March 1975	Particulars	Total Capital Expenditure upto 31st March 1974	Expenditure during 1974-75	Total Capital Expenditure upto 31st March 1975
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
CAPITAL ACCOUNT				Brought over ...			
Improvement and Street Scheme.				Acquisition of land at Mogra for shifting potter from Dharavi to Jogeshwari ...			
Schedule W Lands ..	13,45,571	...	13,45,571	...	2,12,413	...	2,12,413
Schedule X Lands ..	16,26,471	...	16,26,471	...	...	...	...
Schedule Z Lands ..	8	...	8	...	28,08,780	...	28,08,780
Scheme No.				Const. of 100' wide Rd., from King Edward to Jakeria Bunder Road—Acquisition of Port Trust land by B. M. C. ...			
1 First Nagpada ..	29,16,099	...	29,16,099	...	94,149	...	94,149
2 Princess Street ..	85,08,865	...	85,08,865	...	...	...	...
3 Sandhurst Road ..	1,16,02,375	...	1,16,02,375	...	...	...	...
4 Gamdevi ..	22,88,002	...	22,88,002	...	...	...	...
5 Dadar-Matunga ..	1,00,53,384	...	1,00,53,384	...	...	...	...
6 Sion-Matunga ..	1,94,54,330	3,11,738	1,97,66,068	...	...	...	...
7 Colaba Reclamation ..	4,78,538	...	4,78,538	...	...	...	...
8 Mandvi Koliwada ..	26,52,501	...	26,52,501	...	...	...	...
11 Agripda ..	3,127	...	3,127	...	...	...	...
13 Southern Street Extension—East-wards ..	58,102	...	58,102	...	...	...	...
27 Mathew Road ..	14,11,129	...	14,11,129	...	...	...	...
29 Nowroji Hill ..	86,57,482	...	86,57,482	...	...	...	...
30 Southern Street Extension—West-wards ..	1,30,512	...	1,30,512	...	1,80,129	...	1,80,129
31 Parcel Suparibaug Estate ..	91,42,350	...	91,42,350	...	...	...	...
32 East Agripda ..	50,59,050	...	50,59,050	...	...	...	...
33 Bhatwadi ..	3,28,433	...	3,28,433	...	...	...	...
36 Lamington Road ..	2,91,191	...	2,91,191	...	...	...	...
37 Sydenham Road ..	1,40,51,180	...	1,40,51,180	...	...	...	...
41 Undrie Street ..	5,72,800	...	5,72,800	...	3,51,977	...	3,51,977
43 Parcel Road Central ..	38,97,348	...	38,97,348	...	...	...	...
47 Parcel Road North ..	52,96,220	...	52,96,220	...	...	...	...
49 Nepean Sea Road—Reclamation ..	3,053	...	3,053	...	4,84,801	...	4,84,801
50 Mazagaon Street ..	40,68,206	...	40,68,206	...	...	...	...
52 Worli Street ..	2,73,20,154	...	2,73,20,154	...	28,85,69,687	75,48,526	29,61,13,213
53 Forest Road ..	36,82,145	...	36,82,145	...	...	...	...
54 Koliwadi ..	21,79,254	...	21,79,254	...	...	...	...
55 B-Hasis Road ..	18,530	...	18,530	...	...	...	...
56 Dharavi Street ..	1,35,54,612	8,79,046	1,44,33,660	...	...	...	...
57 Sewri-Wardala ..	3,87,95,617	18,70,504	4,06,66,121	...	...	...	...
58 Worli Extension ..	1,38,24,597	...	1,38,24,597	...	...	...	...
59 Sewri-Koliwada ..	6,72,719	18,65	6,91,334	...	...	...	...
60 Naigaum Street ..	76,18,685	...	76,18,685	...	...	...	...
61 Ferguson Road ..	15,68,020	...	15,68,020	...	...	...	...
62 Love Lane ..	16,18,731	...	16,18,731	...	...	...	...
66 Mahalaxmi ..	4,86,765	...	4,86,765	...	...	...	...
69 Widening of Byculla Bridge ..	7,20,250	...	7,20,250	...	...	...	...
71 Chaupati Street ..	24,685	...	24,685	...	...	...	...
Chaupati Reclamation ..	1,889	...	1,889	...	...	...	...
East Chrupat Estate ..	4,380	...	4,380	...	...	...	...
Lump Provision for grant of loans to erect buildings on Imp. Scheme lands as provided under Section 354W of the Municipal Act ..	19,924	Cr. 507	19,017	...	...	...	...
72 Tripartite Road ..	2,26,684	...	2,26,684	...	...	...	...
73 Paltan Road ..	10,37,510	...	10,37,510	...	...	...	...
74 Sion Overbridge ..	92,457	...	92,457	...	...	...	...
Lump Provision for Acquisition in all Schemes ..	6,136	...	6,136	...	...	...	...
Lump provision for Housing Accommodation for pre-classes including revision for acquisition ..	5,66,29,774	13,69,236	5,79,99,010	...	...	...	...
Housing of squatters on land near Mankhurd Railway Station ..	8,38,300	...	8,38,300	...	...	...	...
Housing of Squatters on land near Jogeshwari ..	7,30,846	...	7,30,846	...	...	...	...
76 Lchar Chawl Gully ..	4,53,671	...	4,53,671	...	...	...	...
77 Housing Accommodation for Fishermen at Mahir Campway ..	455	...	455	...	...	...	...
Housing of Squatters Acquisition ..	6,29,401	...	6,29,401	...	...	...	...
Housing of Squatters at V. Koli ..	151	...	151	...	...	...	...
Construction of Dormitories ..	6,92,736	...	6,92,736	...	...	...	...
Acquisition of land at Govand ..	1,42,685	79,079	2,21,764	...	...	...	...
Carried forward ..	8,74,53,631	45,23,33	9,19,76,964	Carried forward	2,86,95,126	75,48,526	3,62,43,652
Police Accommodation Schemes.				Police Accommodation Schemes.			
Scheme No.				Scheme No.			
14 First Nagpada ..				14 First Nagpada ..			
16 Wadhwa Road ..				16 Wadhwa Road ..			
17 Duncan Road ..				17 Duncan Road ..			
18 Shepherd Road ..				18 Shepherd Road ..			
19 Agripda ..				19 Agripda ..			
23 Cannaught Road ..				23 Cannaught Road ..			
24 Princess Street ..				24 Princess Street ..			
25 Gamdevi ..				25 Gamdevi ..			
34 Lamington Road ..				34 Lamington Road ..			
35 Sandhurst Road West ..				35 Sandhurst Road West ..			
37 Sandhurst Road East ..				37 Sandhurst Road East ..			
40 Byculla ..				40 Byculla ..			
44 Mahabradi ..				44 Mahabradi ..			
45 Paltan Road ..				45 Paltan Road ..			
46 Naigaum ..				46 Naigaum ..			
48 Mahir ..				48 Mahir ..			
55 Choral Bunder Road ..				55 Choral Bunder Road ..			
55A Mazagaon ..				55A Mazagaon ..			
63 King's Circle (Maturga) ..				63 King's Circle (Maturga) ..			
67 Naigaum (for Armed Police and Recruits) ..				67 Naigaum (for Armed Police and Recruits) ..			
70 Arthur Road ..				70 Arthur Road ..			
91,46,617				91,46,617			
Mill Company's Chawl Schemes				Mill Company's Chawl Schemes			
Scheme No.				Scheme No.			
42 Spring Mills ..				42 Spring Mills ..			
51 Century Mills ..				51 Century Mills ..			
65 David Mills ..				65 David Mills ..			
9,45,622				9,45,622			

Appendix No. 26—(Contd)

Particulars	Total Capital Expenditure upto 31st March 1974	Expenditure during 1974-75.	Total Capital Expenditure upto 31st March 1975	Particulars	Total Capital Expenditure upto 31st March 1974	Expenditure during 1974-75.	Total Capital Expenditure upto 31st March 1975.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	29,86,95,126	75,48,526	0 62,43,652	Brought over ...	9,91,58,437	75,48,526	10 67,06,963
Slum Clearance.							
Preliminary Expenses ..	22,481	...	22,481	Refund to preliminary expenses to Government ...	7,56,466 38,019	...	7,56,466 38,019
Transit Camps for providing alternative housing accommodations to facilitate Slum Clearance—				Preliminary expenses in connection with the Improvements of slum areas ...	68,816	...	68,816
(i) Construction of 244 tenements, etc.	2,58,843	...	2,58,843	Provision of a lift in the Improvement Trust Building at Napier Road near Queens Statue ...	12,267	...	12,267
(ii) Construction of 210 tenements etc.	1,81,977	...	1,81,987		8,75,562		8,75,562
	4,63,311	...	4,63,311	Discount on Loans ...	14,53,359	...	14,53,359
Miscellaneous.				Expenses in connection with the Loan of Rs. 10 lakhs ...	12,227	...	12,227
Survey of the Island of Bombay..	1,06,046	...	1,06,046	Expenses in connection with the repayment of Rs. 25 Lakhs Loan ...	19,504	...	19,504
Administrative Offices, etc. — Building on Esplanade Road near Queen's Statue ..	3,21,562	...	3,21,562	Expenses in connection with the loan raised in 1957-58 ...	62,048	...	62,048
Engineer's Office at Matunga ..	1,38,468	...	1,38,468	Repayment of Rs. 40 Lakhs loan of 1919 ...	26,83,469	...	26,83,469
Central Stores at the back of Frer. Fletcher School ..	15,656	...	15,656	Part payment of Rs. 25 Lakhs loan of 1926 ..	19,08,494	...	19,08,494
Store yard at Agripada, etc. ..	83,801	...	83,801		61,39,101	...	61,39,101
Workshop for Motor Lorries at Agripada ..	90,368	...	90,368				
Tools and Plant ..	559	...	559				
	7,56,460	...	7,56,460				
Carried forward ..	29,91,58,437	75,48,526	30 67,06,963	Grand Total ..	30,61,73,101	75,48,526	1,37,21,626

* This figure includes Rs. 5,65,572 being the share of cost of Management and Establishment chargeable to Capital Account

APPENDIX No. 26A.

Improvement Schemes—Slum Clearance—City.
Block account showing details of Capital Expenditure upto 31st March 1975.

Particulars.	Total Capital Expenditure from 1st April 1956 up to 31st March 1974.	Expenditure during 1974-75.	Total Capital Expenditure upto 31st March 1975.
	Rs.	Rs.	Rs.
A.—Works to be carried out from Municipal Fund ...			
Acquisition of land within, adjoining or surrounded by clearance Areas for housing or other development works ...	10,47,243	...	10,47,243
Transit Camps for providing temporary alternative housing accommodation to facilitate Slum Clearance ...	5,33,767	...	5,33,767
Permanent Housing for Slum Population ...	13,54,259	...	13,54,259
Providing Sewerage arrangement in Kamathipura Area ...	1,71,857	...	1,71,857
Discount and other charges on the loan of Rs.10 lakhs raised in 1956-57 ...	10,108	...	10,108
Discount and other charges on the loan of 20 lakhs raised in 1957-58 ...	45,160	...	45,160
Do. on the loan of Rs. 10 lakhs raised in 1958-59 ...	17,721	...	17,721
Miscellaneous expenses including Preliminary expenses (Staff and contingencies in connection with Slum Clearance) ...	30,24,849	1,28,835	31,54,684
Total A—Works to be carried out from Municipal Fund ...	62,04,964	1,29,835	63,34,799
B.—Works to be carried out with the Government Aid.			
Acquisition of land within, adjoining or surrounded by Clearance Areas for—rehousing or other development works ...	43,65,887	2,325	43,68,212
Permanent Housing for Slum Population ...	2,60,71,084	18,59,014	2,79,30,098
Total, B—Works to be carried out with the Government Aid ...	3,04,36,971	18,61,339	3,22,98,310
Grand Total * ...	3,66,41,935	19,91,174	3,86,33,109

* Previous expenditure amounting to Rs. 4,63,311 upto 31st March 1966 is shown in Appendix No. 26.

APPENDIX No. 26B.

Improvement Schemes—Slum Clearance—Suburbs.
Block account showing details of Capital Expenditure upto 31st March 1975.

Particulars.	Total Capital Expenditure upto 31st March 1974.	Expenditure during 1974-75.	Total Capital Expenditure upto 31st March 1975.
	Rs.	Rs.	Rs.
Slum Clearance—Suburbs.			
A.—Works to be carried out from Municipal Fund.			
Miscellaneous expenses including Preliminary Expenses (Staff and Contingencies) ...	1,73,50,963	1,50,936	1,75,01,899
Total, A—Works to be carried out from Municipal Fund ...	1,73,50,963	1,50,936	1,75,01,899
B.—Works to be carried out with the Govt. Aid.			
(b) Chawl and S.P. Chawls. ...	1,47,69,819	21,70,792	1,69,40,611
Total, B—Works to be carried out with the Govt. Aid. ...	1,47,69,819	21,70,792	1,69,40,611
Grand Total ...	3,21,20,782	23,21,728	3,44,42,510

Appendix IMPROVEMENT

Statement showing outstanding Loans of the Bombay Improvement Trust due by the payable for the year 1974-75, the amount paid during the year and the

Serial No.	Particulars of Loans.	Rate of Interest per Annum.	Amount raised.		Balance due on 1st April 1974		Amount raised in 1974-75.		Total	
			Rs.	Ps.	Rs.	Ps.	Rs.	Ps.	Rs.	Ps.
<i>Loans raised from Government.</i>										
	Consolidated Loan in respect of Government Loan 1937-38 35 lakhs Loan, and Rs. 8 lakhs Loan	3.3759 per cent.	4,17,94,178	06	1,11,13,873	79			1,11,13,873	79
	Total loans raised from Government		4,17,94,178	06	1,11,13,873	79			1,11,13,873	79
<i>Loans raised from the Public.*</i>										
1	Rs. 50 lakhs Loan 1914	4 Do.	50,00,000	00	50,00,000	00			50,00,000	00
2	Rs. 25 lakhs Loan 1916	4 Do.	25,00,000	00	25,00,000	00			25,00,000	00
3	Rs. 70 lakhs Loan 1920	6 Do.	70,00,000	00	† 66,00,000	00			66,00,000	00
	Total from Public		1,45,00,000	00	1,41,00,000	00			1,41,00,000	00
<i>Loans raised from Internal.</i>										
1	Rs. 45 lakhs Loan 1921	4½ Do.	45,00,000	00	45,00,000	00			45,00,000	00
2	Rs. 52 lakhs Loan October 1922		52,00,000	00						
3	Rs. 8 lakhs Loan 22nd January 1923	4½ Do.	8,00,000	00						
4	Rs. 82 lakhs Loan 22nd January 1923		82,00,000	00	1,72,00,000	00			1,72,00,000	00
5	Rs. 30 lakhs Loan March 1923		30,00,000	00						
6	Rs. 40 lakhs Loan 2nd November 1923	4½ Do.	40,00,000	00						
7	Rs. 20 lakhs Loan 2nd January 1924		20,00,000	00	89,00,000	00			89,00,000	00
8	Rs. 29 lakhs Loan 5th March 1924		29,00,000	00						
9	Rs. 20 lakhs Loan 1st November 1924	4½ Do.	20,00,000	00						
10	Rs. 60 lakhs Loan 10th November 1924		60,00,000	00	1,00,00,000	00			1,00,00,000	00
11	Rs. 20 lakhs Loan 2nd January 1925		20,00,000	00						
12	Rs. 20 lakhs Loan 2nd October 1925	4½ Do.	20,00,000	00						
13	Rs. 15 lakhs Loan 2nd November 1925		15,00,000	00	70,00,000	00			70,00,000	00
14	Rs. 35 lakhs Loan 2nd January 1926		35,00,000	00						
15	Rs. 19.28 lakhs Loan out of Rs. 19.39 lakhs Loan (1956-57)	4 Do.	19,28,000	00	19,28,000	00			19,28,000	00
16	Rs. 27,38,500 Loan 1957-58	4½ Do.	27,38,500	00	27,38,500	00			27,38,500	00
17	Rs. 50 lakhs Loan 1959-60	4 Do.	50,00,000	00	50,00,000	00			50,00,000	00
18	Rs. 70 lakhs Loan 1960-61 out of Rs. 1 Crore Loan 1960-61	4½ Do.	70,00,000	00	70,00,000	00			70,00,000	00
19	Rs. 50 lakhs Loan 1961-62	4½ Do.	50,00,000	00	50,00,000	00			50,00,000	00
20	Rs. 100 lakhs Loan 1962-63	4½ Do.	1,00,00,000	00	1,00,00,000	00			1,00,00,000	00
21	Rs. 50 lakhs Loan 1963-64	4½ Do.	50,00,000	00	50,00,000	00			50,00,000	00
22	Rs. 100 lakhs Loan 1965-66	6 Do.	1,00,00,000	00	1,00,00,000	00			1,00,00,000	00
23	Rs. 50 lakhs Loan 1966-67	6 Do.	50,00,000	00	50,00,000	00			50,00,000	00
24	Rs. 50 lakhs Loan 1967-68	6 Do.	50,00,000	00	50,00,000	00			50,00,000	00
25	Rs. 75 lakhs Loan 1968-69	6 Do.	75,00,000	00	75,00,000	00			75,00,000	00
	Total from Internal		11,17,66,500	00	11,17,66,500	00			11,17,66,500	00
	Total from Public & Internal		12,62,66,500	00	12,58,66,500	00			12,58,66,500	00
	Grand Total		16,89,60,678	06	15,89,60,300	79			15,89,60,373	79

* Loans at serial Nos. 1 to 3 are guaranteed by Government under Section 163 of the Govt. of India Act 1925. (Section 110 F of the M.C. Act.), and Trustee debentures are held by This Corporation.

† Debentures for Rs. 41 lakhs held by the Public were repaid on 1st April 1955 under the terms provided in the Debentures.

No. 29.
SCHEMES.

Municipality, the interest outstanding on 1st April 1974, on the different Loans, the amount Balances outstanding on 31st March 1975.

Amount paid in 1974-5.		Balance due on 31st March 1975.		Interest outstanding on 1st April 1974.		Interest payable in 1974-75.		Total interest due.		Deduct interest paid during the year.		Outstanding balance on 31st March 1975.	
Rs.	Paise.	Rs.	Paise.	Rs.	Paise.	Rs.	Paise.	Rs.	Paise.	Rs.	Paise.	Rs.	Paise.
14,72,905	90	96,80,956	89			3,63,291	10	3,63,291	10	3,63,291	10		
14,32,906	90	96,80,956	89			3,63,291	10	3,63,291	10	3,63,291	10		
50,00,000	00			22,260	13	1,18,333	33	1,40,593	46	1,40,593	46		
		25,00,000	00			1,00,000	00	1,00,000	00	1,00,000	00		
		66,00,000	00			3,96,000	00	3,96,000	00	3,96,000	00		
53,00,000	00	91,00,000	00	22,260	13	6,14,333	33	6,36,593	46	6,36,593	46		
		45,00,000	00			2,02,500	00	2,02,500	00	2,02,500	00		
		1,72,00,000	00			7,74,000	00	7,74,000	00	7,74,000	00		
		89,00,000	00			4,00,500	00	4,00,500	00	4,00,500	00		
		1,00,00,000	00			4,50,000	00	4,50,000	00	4,50,000	00		
		70,00,000	00			3,15,000	00	3,15,000	00	3,15,000	00		
		19,25,000	00			77,120	00	77,120	00	77,120	00		
		27,33,500	00			1,16,386	24	1,16,386	24	1,16,386	24		
		59,00,000	00			2,00,000	00	2,00,000	00	2,00,000	00		
		70,00,000	00			2,97,500	00	2,97,500	00	2,97,500	00		
		50,00,000	00			2,12,500	00	2,12,500	00	2,12,500	00		
		1,00,00,000	00			4,50,000	00	4,50,000	00	4,50,000	00		
		50,00,000	00			2,37,500	00	2,37,500	00	2,37,500	00		
		1,00,00,000	00			6,00,000	00	6,00,000	00	6,00,000	00		
		50,00,000	00			3,00,000	00	3,00,000	00	3,00,000	00		
		50,00,000	00			3,00,000	00	3,00,000	00	3,00,000	00		
		75,00,000	00			4,50,000	00	4,50,000	00	4,50,000	00		
		11,17,66,500	00			53,83,006	24	53,83,006	24	53,83,006	24		
50,00,000	00	12,08,66,500	00	22,260	13	29,92,339	57	60,19,599	70	60,19,599	70		
64,29,906	90	13,05,47,466	89	22,260	13	61,00,590	61	63,82,891	60	63,82,891	60		

APPENDIX
SLUM CLEARANCE
(A-CITY AND

Statement showing outstanding Loans of the Slum clearance Scheme (A-City & amount payable for the year 1974-75, the amounts paid during

Serial No.	Particulars of Loans	Date of Issue	Rate of interest per Annum	Balance due on 1st April 1974	Amount raised in 1974-75
(1)	(2)	(3)	(4)	(5)	(6)
	A.—City			Rs. P.	P.
	LOANS RAISED FROM GOVT. PROGRAMME NO. 1				
1	Rs. 50,997 Loan (1957-58)	28-3-1958	4½%	8,84,307 24	...
2	Rs. 6,12,000 Loan (1958-59)	29-3-1959	4½%	5,6,082 82	...
3	Rs. 2,73,003 Loan (1959-60)	4-8-1959	4½%	2,53,858 37	...
4	Rs. 1,85,000 Loan (1960-61)	28-3-1961	4½%	1,72,026 68	...
5	Rs. 5,04,000 Loan (1961-62)	28-3-1962	4½%	4,35,180 96	...
6	Rs. 2,64,529 Loan (1962-63)	13-3-1963	5½%	2,4,030 29	...
7	Rs. 2,50,971 Loan (1963-64)	27-3-1964	5½%	2,35,317 91	...
8	Rs. 47,250 Loan (1964-65)	27-1-1965	5½%	44,303 03	...
9	Rs. 2,20,355 Loan (1964-65)	13-3-1965	5½%	2,06,611 41	...
10	Rs. 50,504 Loan (1965-66)	31-8-1965	5½%	47,386 38	...
11	Rs. 73 Loan (1965-66)	16-2-1966	5½%	63 51	...
12	Rs. 568 Loan (1968-69)	30-8-1969	5½%	532 66	...
	Total 1st Programme			30,96,706 59	...
	LOANS RAISED FROM GOVT. PROGRAMME NO. 2				
13	Rs. 94,000 Loan (1961-62)	23-3-1962	4½%	94,500 00	...
	Total 2nd Programme			94,500 00	...
	LOANS RAISED FROM GOVT. PROGRAMME NO. 3				
14	Rs. 9,00,000 Loan (1960-61)	28-3-1961	4½%	7,40,647 22	...
15	Rs. 62,037 Loan (1962-63)	13-3-1963	5½%	52,072 96	...
16	Rs. 9,963 Loan (1963-64)	27-3-1964	5½%	8,362 94	...
	Total 3rd programme			8,01,083 12	...
	LOANS RAISED FROM GOVT. PROGRAMME NO. 4				
17	Rs. 3,69,600 Loan (1963-64)	27-3-1964	5½%	3,69,600 00	...
18	Rs. 1,84,800 Loan (1964-65)	27-1-1965	5½%	1,84,800 00	...
	Total 4th programme			5,54,400 00	...
	LOANS RAISED FROM GOVT. PROGRAMME NO. 6				
19	Rs. 1,53,900 Loan (1966-67)	20-3-1967	5½%	1,44,379 78	...
20	Rs. 17,100 Loan (1967-68)	1-3-1968	5½%	16,044 40	...
21	Rs. 57,000 Loan (1968-69)	12-12-1968	5½%	53,481 41	...
	Total 6th programme			2,13,925 59	...
	LOANS RAISED FROM GOVT PROGRAMME No. 9				
22	Rs. 6,10,818 Loan (1966-67)	30-3-1967	5½%	6,10,818 00	...
23	Rs. 5,73,833 Loan (1967-68)	1-3-1968	5½%	5,73,838 00	...
24	Rs. 7,28,110 Loan (1968-69)	12-12-1968	5½%	7,28,110 00	...
25	Rs. 1,00,511 Loan (1968-69)	31-3-1969	5½%	1,00,518 00	...
26	Rs. 1,04,516 Loan (1969-70)	17-3-1970	5½%	1,04,516 00	...
26(a)	Rs. 3,91,298 Loan (1970-71)	31-3-1971	6½%	3,91,298 00	...
	Total 9th programme			25,09,098 00	...
	LOANS RAISED FROM GOVT. PROGRAMME NO. 10				
27	Rs. 1,62,343 Loan (1966-67)	30-3-1967	5½%	1,62,343 00	...
28	Rs. 3,254 Loan (1967-68)	1-3-1968	5½%	3,254 00	...
29	Rs. 53,984 Loan (1968-69)	12-12-1969	5½%	58,84 00	...
	Total 10th programme			2,21,581 00	...
	LOANS RAISED FROM GOVERNMENT PROGRAMME NO. 11				
30	Rs. 69,466 Loan (1966-67)	31-3-1969	5½%	69,426 00	...
31	Rs. 75,936 Loan (1969-70)	17-3-1970	5½%	75,136 00	...
32	Rs. 13,725 Loan (1970-71)	31-3-1971	6½%	13,725 00	...
	Total 11th Programme			1,58,087 00	...
	Total Loan from Govt.			76,53,381 30	...
	LOANS FROM PUBLIC				
33	Rs. 10 Lakhs Loan 1956-57	29-3-1957	4%	10,00,000 00	...
34	Rs. 20 Lakhs Loan 1957-58	15-3-1958	4½%	20,00,000 00	...
35	Rs. 10 Lakhs Loan 1958-59	30-3-1959	4%	10,00,000 00	...
36	Rs. 25 Lakhs Loan 1959-60	15-2-1960	4%	25,00,000 00	...
37	Rs. 50 Lakhs Loan 1961-62	1-2-1962	4½%	50,00,000 00	...
38	Rs. 30 Lakhs Loan 1964-65	25-3-1965	4½%	30,00,000 00	...
39	Rs. 50 Lakhs Loan 1966-67	1-3-1967	6%	50,00,000 00	...
40	Rs. 25 Lakhs Loan 1971-72	30-3-1972	6%	25,00,000 00	...
41	Rs. 50 Lakhs Loan 1972-73	31-3-1973	6%	50,00,000 00	...
42	Rs. 50 Lakhs Loan 1973-74	30-3-1974	6%	50,00,000 00	...
	Total Loans from Public			3,20,00,000 00	...
	Grand Total			3,96,53,381 30	...

APPENDIX
SLUM CLEARANCE
(A—CITY AND

Statement showing outstanding Loans of the Slum clearance Scheme (A City & amount payable for the year 1974-75 the amounts paid during

Serial No.	Particulars of Loans	Date of Issue	Rate of interest per Annum	Balance due on 1st April 1974	Amount raised in 1974-75
(1)	(2)	(3)	(4)	(5)	(6)
	B.—Suburbs and Extended Suburbs.			Rs.	Rs.
	LOANS RAISED FROM GOVT. PROGRAMME NO. 2				
1	Rs. 3,07,000 Loan (1959-60)	4-8-1959	4½%	3,07,000.00	...
2	Rs. 5,84,000 Loan (1960-61)	28-3-1961	4½%	5,84,000.00	...
3	Rs. 3,54,375 Loan (1962-63)	13-3-1963	5½%	3,54,375.00	...
4	Rs. 1,67,625 Loan (1963-64)	27-3-1964	5½%	1,67,625.00	...
5	Rs. 2,43,364 Loan (1964-65)	13-3-1965	5½%	2,43,364.00	...
6	Rs. 11,599 Loan (1966-67)	1-12-1966	5½%	11,599.00	...
	Total 2nd Programme			16,67,963.00	...
	LOANS RAISED FROM GOVT. PROGRAMME NO. 3				
7	Rs. 1,62,000 Loan (1960-61)	28-3-1961	4½%	1,33,315.83	...
8	Rs. 9,72,000 Loan (1961-62)	28-3-1962	4½%	7,99,894.46	...
9	Rs. 1,00,182 Loan (1962-63)	13-3-1963	5½%	84,091.24	...
10	Rs. 7,818 Loan (1963-64)	27-3-1964	5½%	6,562.62	...
	Total 3rd Programme			10,23,864.15	...
	LOANS RAISED FROM GOVT PROGRAMME NO. 4				
11	Rs. 4,65,300 Loan (1963-64)	27-3-1964	5½%	4,65,300.00	...
12	Rs. 1,08,900 Loan (1964-65)	27-1-1965	5½%	1,08,900.00	...
13	Rs. 4,75,911 Loan (1964-65)	13-3-1965	5½%	4,75,911.00	...
14	Rs. 1,31,267 Loan (1965-66)	31-8-1965	5½%	1,31,267.00	...
15	Rs. 1,57,327 Loan (1965-66)	16-2-1966	5½%	1,53,917.00	...
16	Rs. 1,07,739 Loan (1965-66)	12-3-1966	5½%	1,07,739.00	...
17	Rs. 1,06,343 Loan (1966-67)	1-12-1966	5½%	1,06,343.00	...
18	Rs. 1,28,866 Loan (1966-67)	30-3-1967	5½%	1,28,866.00	...
19	Rs. 66,705 Loan (1967-68)	23-2-1968	5½%	66,705.00	...
20	Rs. 12,159 Loan (1967-68)	1-3-1968	5½%	12,159.00	...
21	Rs. 22,388 Loan (1968-69)	12-12-1968	5½%	22,388.00	...
22	Rs. 3,519 Loan (1968-69)	31-3-1969	5½%	3,519.00	...
	Total 4th Programme			17,87,044.00	...
	Total Loans from Govt.			44,74,841.15	...
	LOAN FROM PUBLIC				
23	Rs. 50 Lakhs Loan 1962-63	25-3-1963	4½%	50,00,000.00	...
24	Rs. 50 Lakhs Loan 1966-67	31-3-1967	6%	50,00,000.00	...
25	Rs. 50 Lacs Loan (1967-68)	30-3-1968	6%	50,00,000.00	...
26	Rs. 25 Lakhs Loan (1968-69)	29-3-1969	6%	25,00,000.00	...
27	Rs. 40 Lakhs Loan (1973-74)	30-3-74	6%	40,00,000.00	...
	Total Loan from Public			215,00,000.00	...
	Grand Total			2,59,74,841.15	...

No. 29A—concl'd.
SCHEME (ACCOUNT)
B—SUBURBS)

B-Suburbs) Budget B the interest outstanding on 1st April 1974, on the different loans, the year and the balances outstanding on 31st March 1975.

Total	Amount repaid in 1974-75	Balance due on 31st March 1975	Interest outstanding on 1st April 1974	Interest payable in 1974-75	Total interest due	Deduct interest paid during the year	Outstanding balance on 31st March 1975
(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3,97,000.00	5,032.00	3,01,968.00	—	18,319.07	18,319.07	18,319.07	—
5,84,000.00	9,573.00	5,74,427.00	—	17,856.00	17,856.00	17,856.00	—
3,54,375.00	5,109.31	3,49,265.69	—	13,435.57	13,435.57	13,435.57	—
1,67,625.00	2,416.69	1,65,208.31	—	6,003.50	6,003.50	6,003.50	—
2,43,364.00	3,598.39	2,39,855.61	—	9,206.16	9,206.16	9,206.16	—
11,599.00	164.06	11,434.94	—	5,335.54	5,335.54	5,335.54	—
16,67,963.00	25,803.45	6,42,159.55	—	70,125.84	70,125.84	70,125.84	—
1,33,315.83	3,946.21	1,29,369.62	—	5,992.21	5,992.21	5,992.21	—
7,99,894.46	23,677.33	7,76,217.13	—	35,995.25	35,995.25	35,995.25	—
84,091.24	2,289.08	81,802.16	—	4,414.79	4,414.79	4,414.79	—
6,562.62	173.59	6,389.03	—	344.51	344.51	344.51	—
10,26,864.15	30,091.21	9,96,772.94	—	46,753.79	46,753.79	46,753.79	—
4,65,300.00	6,707.75	4,58,592.25	—	24,695.96	24,695.96	24,695.96	—
1,08,900.00	1,569.75	1,07,330.25	—	6,704.06	6,704.06	6,704.06	—
4,75,911.00	6,861.67	4,69,049.33	—	26,217.48	26,217.48	26,217.48	—
1,31,267.00	1,859.15	1,29,407.85	—	11,931.81	11,931.81	11,931.81	—
1,53,917.00	2,179.77	1,51,737.23	—	9,892.86	9,892.86	9,892.86	—
1,07,739.00	1,526.01	1,06,212.99	—	6,517.47	6,517.47	6,517.47	—
1,06,343.00	1,506.28	1,04,836.72	—	50,928.08	50,928.08	50,928.08	—
1,28,866.00	1,825.21	1,27,040.79	—	59,298.70	59,298.70	59,298.70	—
66,705.00	944.46	65,760.54	—	27,227.08	27,227.08	27,227.08	—
12,159.00	171.85	11,987.14	—	4,951.44	4,951.44	4,951.44	—
22,388.00	316.69	22,071.31	—	8,108.29	8,108.29	8,108.29	—
3,519.00	9.66	3,469.34	—	1,214.04	1,214.04	1,214.04	—
17,83,014.00	25,512.5	17,57,495.75	—	2,37,687.27	2,37,687.27	2,37,687.27	—
44,74,841.15	81,429.91	43,93,418.24	—	3,54,566.90	3,54,566.90	3,54,566.90	—
50,00,000.00	—	50,00,000.00	—	2,25,000.00	2,25,000.00	2,25,000.00	—
50,00,000.00	—	50,00,000.00	—	3,00,000.00	3,00,000.00	3,00,000.00	—
50,00,000.00	—	50,00,000.00	—	3,00,000.00	3,00,000.00	3,00,000.00	—
25,00,000.00	—	25,00,000.00	—	1,50,000.00	1,50,000.00	1,50,000.00	—
40,00,000.00	—	40,00,000.00	—	2,40,000.00	2,40,000.00	2,40,000.00	—
2,15,00,000.00	—	2,15,00,000.00	—	12,15,000.00	12,15,000.00	12,15,000.00	—
2,59,74,841.15	81,429.91	2,58,93,428.24	—	15,67,566.90	15,67,566.90	15,67,566.90	—

APPENDIX No. 31
EDUCATION FUND

Revenue Account for the year ended 31st March 1975.

Particulars	Total		Particulars	Total	
	Rs.	P.		Rs.	P.
To Revenue Expenditure ...	12,36,88,867	58	By Revenue Receipts ...	13,35,86,030	13
To Balance being Surplus for the year ...	98,97,162	55	By Balance being deficit for the year ...	...
-Total ...	13,35,86,030	13	Total ...	13,35,86,030	13
To Revenue Expenditure to be incurred in 1975-76 and provided for as Renewed Grants...	25,00,000	00	By Surplus Revenue Fund as at 1st April 1974 ...	20,04,997	32
To Deficit for the year ...	...		By Revenue of previous years reserved for the year 1974-75 ..	19,97,546	00
To Balance being Surplus Revenue Fund as at 31st March 1975 ...	1,13,99,705	87	By Surplus for the year ..	98,97,162	55
Total ...	1,38,99,705	87	Total ..	1,38,99,705	87

APPENDIX No. 34

EDUCATION FUND

Revenue Account Balance Sheet as at 31st. March 1975.

Liabilities.		Assets					
	Rs.	P.	Rs.	P.	Rs.	P.	
			Cash at Bank	Dr. 2,73,220	76		
			Cash in Office	10,13,886	22	7,40,665	46
			Education Loan Interest				
			Warrants Payable Account.			1,398	75
			Advances—Recoverable				
Due on Cheques Payable	11,45,045	12	Municipal Officers	3,57,507	47		
			Sundries—Miscellaneous advances.	1,10,01,234	02	1,13,58,741	49
Due on outstanding charges for 1974-75 and previous year	25,00,000	00	Deposits—				
			In Securities	38,600	00		
			In Office			38,600	00
Due on outstanding charges on account of Interest Accrued but not Paid	13,04,760	07	Municipal Contribution				
			Receivable:—				
			From Budget 'A'				
			Division I	47,69,153	61		
			Divis. on II	1,51,4,8	56		
Deposits in Cash and Public Securities from Contractors and private parties	96,98,245	80	From Government	56,16,000	00	1,05,36,632	17
Unclaimed Dues & Deposits (Refundable) Account	71,090	13	Advances from surplus monies				
Endowment Fund	4,32,767	25	Investments—				
Municipal Contribution Payable to Budget 'A'			Endowment Fund—				
Division I			In securities	4,26,671	00		
Do. II			In cash	96	19		
Do. III	70,655	07	In Fixed Deposit	6,000	00	4,32,767	25
Surplus Revenue Fund (Vide Appendix No. 31)	1,13,99,705	87	Surplus Fund—				
			In securities *	33,41,326	49		
			In Fixed Deposit				
			In Call Deposit				
			In Cash at Bank	1,72,057	70	35,13,384	19
Total	2,66,22,189	31	Total	2,66,22,189	31		

* Details of Securities held in Surplus Fund—

	Face value	Book Value
	Rs.	Rs. P.
3½% Bombay Municipal Debentures 1947	500	437.50
3% Conversion Loan 1946	1,600	1,288.99
5% Loan for conversion of storm water Reservoir in 1920		
Budget 'A' Division I (Internal)	7,000	7,000.00
6% Rs. 100 lakhs B. M. D. Budget 'E' (Internal) Loan 1972-73	24,22,100	24,22,100.00
6% Rs. 50 lakhs B. M. D. Budget 'E' Loan 1965-66	1,24,000	1,24,000.00
6½% Rs. 50 lakhs B. M. D. Budget 'E' (Internal) Loan 1974-75	7,86,500	7,86,500.00
	33,41,700	33,41,326.49

APPENDIX No. 35

EDUCATION FUND

Capital Fund Balance Sheet as at 31st March 1975.

Liabilities		Assets	
	Rs. P.		Rs. P.
Loans Outstanding—		Block Account—	
Due to Public—	10,58,50,000 00	Loan Funds—	13,53,38,444 05
Trust Fund—	694 31	Trust Fund—	2,08,755 42
Contribution from Trust Fund ...	2,08,755 42	Investment—	
Contribution from Government ...	10,00,000 00	Sinking Fund—	
Surplus—		In Securities 4,13,54,229 44	
Sinking Fund ...	4,13,54,569 39	In cash at Bank 339 95	
Loan Redemption Fund 3,28,50,000.00			*4,13,54,569 39
Less—		Trust Fund—	
Assets written off Rs. 2,44,495.14	3,26,05,504 86	Cash in current Account ...	694 31
		Loan Fund—	
		In Securities † 41,17,000 00	
		In Fixed Deposit ...	
		In Call Deposit ...	
		In Cash at Bank ... 69 81	41,17,069 81
Grand Total ...	18,10,19,523 98	Grand Total..	18,10,19,523.98

Statement showing Capital Expenditure upto 31st March 1975 :—
Education Fund.

Loan Funds.	Total Capital Expenditure upto 31st March, 1974.	Capital Expenditure during 1974-75 out of Loan Funds.	Capital Expenditure upto 31st March 1975.
	Rs.	Rs.	Rs.
City Section ...	6,43,38,912 71	19,41,009 46	6,279,022 17
Suburban Section ...	3,70,96,284 65	46,59,808 91	41,50,03 56
Extended Suburban Section ...	2,25,73,418 69	47,29,009 63	2,73,02,428 32
Trust Fund ...	12,40,08,616 05 2,08,755 42	1,13,29,828 00 ...	13,53,38,444 05 2,08,755 42
Grand Total ...	12,42,17,371 47	1,13,29,828 00	13,55,47,199 47

* Face and Market values of Securities held in the Sinking Fund, were Rs. 4,14,02,100 and Rs. 4,12,31,677 respectively, being Municipal Debentures valued at par, vide details shown in Aop 41

† 6½% Rs. 50 lakhs B.M.D. Education (Internal) Loan 1974-75 being Municipal Debenture valued at par

APPENDIX No. 37

EDUCATION FUND

Statement showing outstanding loans due by the Municipality, the interest outstanding on 1st April 1974 on the different Loans, the amount payable for the year 1974-75, the amount paid by the State Bank of India, and in Office during that year and the balances outstanding on 31st March 1975.

Particulars of Loans.	Rate of Interest Percent. p. a.	Balance due, on 1-4-1974	Amount raised in 1974-75.	Total.	Amount repaid, in 1974-75.	Balance due on 31st March 1975.	Interest outstanding on 1-4-1974.		Interest payable in 1974-75.		Total Interest due.	Deduct Interest paid by the State Bank of India and in Office.	Outstanding balance on 31st March 1975 (Renewal)
							Rs.	P.	Rs.	P.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
Loans raised from the Public													
(1) Rs. 10 Lakhs Education Loan of 1960-61.	4½	Rs. 10,00,000	...	Rs. 10,00,000	...	Rs. 10,00,000	...	...	Rs. 42,500.00	42,500.00	42,500.00	...	...
(2) Rs. 10 Lakhs Education Loan of 1961-62.	4½	10,00,000	...	10,00,000	...	10,00,000	...	...	42,500.00	42,500.00	42,500.00	...	...
(3) Rs. 75 Lakhs Education Loans of 1962-63.	4½	75,00,000	...	75,00,000	75,00,000	...	11,774.87	3,56,250.00	3,68,024.87	2,40,508.22	...	...	...
(4) Rs. 25 Lakhs Education Loan of 1962-63.	4½	25,00,000	...	25,00,000	...	25,00,000	...	...	1,12,500.00	1,12,500.00	1,12,500.00	...	...
(5) Rs. 137.5 Lakhs Education Loan of 1963-64.	4½	1,37,50,000	...	1,37,50,000	...	1,37,50,000	2,954.63	6,53,125.00	6,56,079.63	6,53,388.46	2,598.43	...	...
(6) Rs. 12.5 Lakhs Education Loan of 1963-64.	4½	12,50,000	...	12,50,000	...	12,50,000	...	59,375.00	59,375.00	59,375.00	...	...	...
(7) Rs. 125 Lakhs Education Loan of 1964-65.	5	1,25,00,000	...	1,25,00,000	...	1,25,00,000	...	6,25,000.00	6,25,000.00	6,25,000.00	...	...	...
(8) Rs. 50 Lakhs Education Loan of 1965-66.	5½	50,00,000	...	50,00,000	...	50,00,000	15,007.50	2,87,500.00	3,02,507.50	3,02,507.44	...	...	...
(9) Rs. 25 Lakhs Education Loan of 1966-67.	5½	25,00,000	...	25,00,000	...	25,00,000	...	1,43,750.00	1,43,750.00	1,43,750.00	...	...	...
(10) Rs. 25 Lakhs Education Loan of 1966-67.	6	25,00,000	...	25,00,000	...	25,00,000	...	1,50,000.00	1,50,000.00	1,50,000.00	...	...	...
(11) Rs. 25 Lakhs Education Loan of 1967-68.	6	25,00,000	...	25,00,000	...	25,00,000	...	1,50,000.00	1,50,000.00	1,50,000.00	...	...	...
(12) Rs. 27.5 Lakhs Education Loan of 1968-69.	6	27,50,000	...	27,50,000	...	27,50,000	5,517.00	1,65,000.00	1,70,517.00	1,55,283.00	15,117.00	...	...
(13) Rs. 20 Lakhs Education Loan of 1968-69.	6	20,00,000	...	20,00,000	...	20,00,000	...	1,20,000.00	1,20,000.00	1,20,000.00	...	...	...
(14) Rs. 27.5 Lakhs Education Loan of 1969-70.	6	27,50,000	...	27,50,000	...	27,50,000	...	1,65,000.00	1,65,000.00	1,63,500.00	1,500.00	...	...
(15) Rs. 16.5 Lakhs Education Loan of 1970-71.	6	16,50,000	...	16,50,000	...	16,50,000	...	99,000.00	99,000.00	97,000.00	...	...	...
(16) Rs. 16.5 Lakhs Education Loan of 1970-71.	6	16,50,000	...	16,50,000	...	16,50,000	...	99,000.00	99,000.00	97,500.00	1,500.00	...	...
(17) Rs. 33 Lakhs Education Loan of 1971-72.	6	33,00,000	...	33,00,000	...	33,00,000	...	1,98,000.00	1,98,000.00	1,98,000.00	...	...	...
(18) Rs. 20 Lakhs Education Loan of 1971-72.	6	20,00,000	...	20,00,000	...	20,00,000	...	1,20,000.00	1,20,000.00	1,20,000.00	...	...	...
(19) Rs. 82.5 Lakhs Education Loan of 1972-73.	6	82,50,000	...	82,50,000	...	82,50,000	11,340.00	4,95,000.00	5,06,340.00	4,92,165.00	14,175.00	...	...
(20) Rs. 100 Lakhs Education Loan of 1972-73.	6	1,00,00,000	...	1,00,00,000	...	1,00,00,000	...	6,00,000.00	6,00,000.00	6,00,000.00	...	...	...
(21) Rs. 110 Lakhs Education Loan of 1973-74.	6	1,10,00,000	...	1,10,00,000	...	1,10,00,000	...	6,60,000.00	6,60,000.00	5,40,000.00	1,20,000.00	...	...
(22) Rs. 50 Lakhs Education Loan of 1974-75.	6½	...	50,00,000	50,00,000	...	50,00,000	...	90,000.00	90,000.00	...	...	...	...
(23) Rs. 110 Lakhs Education Loan of 1974-75.	6½	...	1,10,00,000	1,10,00,000	...	1,10,00,000	...	...	...	...	...	...	...
Loans from Public.		9,73,50,000	1,60,00,000	11,33,50,000	75,00,000	10,58,50,000	46,594.00	54,33,500.00	54,80,094.00	51,07,477.12	1,54,890.43		

APPENDIX No. 46

EDUCATION FUND

Statement showing the amounts of Receipts and Expenditure respectively credited and debited to the Education Fund during the year 1974-75 and the balance at the credit of the Fund at the close of the year 1974-75 (i.e., 31st March 1975).

	Rs.	P.
RECEIPTS—A.—REVENUE ACCOUNT		
(1A) Education Cess	2,73,77,543	62
(2) Contribution towards Primary Education from Municipal Corporation under Section 126C(c) of the Bombay Municipal Corporation Act—		
(i) From Budget 'A' Div. I	2,49,89,050	00
(ii) From Budget 'A' Div. II	1,13,89,740	00
(iii) From Budget 'A' Div. III	44,81,220	00
(2A) Special Contribution from—		
(i) From Budget 'A' Division I	4,81,96,663	94
(ii) Budget 'A' Div. II	...	...
(iii) Budget 'A' Div. III	...	...
(3) Contribution from Government under Clause 2(e) of Schedule BBA of the Bombay Municipal Corporation Act	1,57,12,552	00
(4) Interest on Endowment and Investments	9,533	70
(5) Rent and other proceeds of properties	1,98,098	14
(6) Interest and Profits on Investments of Surplus, Loan and other balances	10,72,890	78
(7) Miscellaneous Receipts	1,57,937	95
Total—Revenue Receipts	13,35,86,030	13
RECEIPTS—B.—CAPITAL ACCOUNT		
(1) New Loans	1,60,00,000	00
(2) Trust Fund	...	...
Total—Capital Receipts	1,60,00,000	00
RECEIPTS—C.—SUSPENSE ACCOUNT		
Advances—Municipal Officers—		
(a) Standing Advances for Contingent Expenditure	543	00
(b) Motor Cars and Motor Cycles to Officers	891	00
(c) Dishonoured Cheques	88,586	97
(d) Loan scholarships to Municipal Teachers Under Training	9,697	88
(e) Advances for meeting the cost of repairs to private buildings housing municipal schools under Section 489/499 recoverable from the landlords.	35	53
Sundries—Miscellaneous Advances	3,31,565	70
Total—Advances	4,39,350	08
Paper and Cash Account—State Bank of India and other Local Banks including Paper Deposits in Office Custody—		
(1) Sinking Fund (Paper and Cash) Account	96,03,274	20
(2) Endowment Fund (Paper and Cash) Account	2,500	00
(3) Loan Fund (Paper and Cash) Account	...	...
(4) Surplus Fund (Paper and Cash) Account	1,29,62,264	32
(5) Sundry Deposits Account	3,71,25,000	00
Total—Paper and Cash	5,96,93,038	52
Deposit Account	93,93,668	97
Provident Fund Recoveries	1,20,55,528	18
Provident Fund Investments	25,48,921	42
Cheques Payable	14,58,84,889	03
Wages Deposit Account	...	...
Municipal Contribution Receivable	...	...
Endowment Fund Account	...	...
Sinking Fund Account—Education	65,39,319	31
Municipal Contribution payable	1,12,31,195	81
Education Loan Interest Warrants Payable Account	29,86,068	15
Interest Receivable Account	...	...
Interest accrued but not paid	1,74,166	67
Investment of Surplus Monies in Public Securities	...	...
Loan Redemption Fund Account	75,00,000	00
Unclaimed Dues and Deposits Refundable, Account	49,030	13
Total—Deposits etc.	19,83,62,817	67
Total—Suspense Receipts	25,84,95,206	27

APPENDIX No. 48—(Contd.)

EXPENDITURE—A. REVENUE ACCOUNT		Rs.	P.
A.—General Supervision and Administration	..	25,86,988	07
B.—Municipal Primary Schools	...	10,25,25,352	36
C.—Private Primary Schools	...	34,42,201	09
D.—Medical Inspection of School Children	...	14,49,207	29
E.—Enforcement of Compulsion	...	Cr. 112	18
F.—Educational Activities	...	12,69,567	71
G.—Pension and Provident Fund	...	15,14,193	99
L.—New Works	...	6,58,684	95
J.—Debt Charges	...	95,42,107	26
K.—Training Facilities for Musical Teachers	...	28,05	83
L.—Proportionate Cost of Collection of Education Cess	...	3,52,356	22
M.—Extra-Curricular Activities	...	2,14,923	65
N.—Lumpsum provision for payment of Centenary Gift	...	4,791	23
Total—Revenue Expenditure	...	12,36,88,867	58
EXPENDITURE—B.—CAPITAL ACCOUNT			
(1) Loan Funds—	..	1,13,29,828	00
(2) Trust Fund	...	—	—
Total—Capital Expenditure	...	1,13,29,828	00
EXPENDITURE—C.—SUSPENSE ACCOUNT			
Advances—Municipal Officers—			
(a) Standing Advances for Contingent expenditure	...	15,000	00
(b) Motor Cars and Motor Cycles to Officers	...	34,536	00
(c) Dishonoured Cheques	...	88,586	97
(d) Loan Scholarship to Municipal Teachers under Training	...	30	69
(e) Advance for meeting the cost of repairs to private buildings housing Municipal Schools under Section 489/499 recoverable from the landlords.	...	8,761	81
Sundries—Miscellaneous Advances	...	55,05,237	75
Total—Advances	...	56,52,153	22
Paper and Cash Account—State Bank of India and other Local Banks including paper Deposits in Office Custody—			
Sinking Fund (Paper and Cash) Account	...	85,42,623	51
Endowment Fund (Paper and Cash) Account	...	25 0	00
Loan Fund (Paper and Cash) Account	...	41,17,000	81
Surplus Fund (Paper and Cash) Account	...	1,17,68,381	96
Sundry Deposits Account	...	2,44,00,000	00
Total—Paper and Cash	...	4,89,30,646	23
Deposit Account	...	85,29,858	47
Provident Fund Payments	...	1,20,55,528	18
Provident Fund Investments	...	25,48,921	42
Cheques Payable	...	14,63,68,505	48
Wages Deposit Account	...	—	—
Municipal Contribution Receivable	...	1,05,36,286	57
Municipal Contribution Payable (Refundable)	...	2,16,03,793	39
Endowment Fund Account	...	—	—
Sinking Fund Account Education	...	75,00,000	00
Education Loan Interest Warrants—Payable Account	...	29,97,466	90
Interest Accrued but not paid	...	1,20,729	17
Interest Receivable Account	...	—	—
Investment of Surplus Monies in Public Securities	...	—	—
Repayment of Loan Account	...	75,00,000	00
Unclaimed Dues and Deposits (Refundable) Account	...	—	—
Total—Deposits etc.	...	21,97,56,039	58
Total—Suspense Expenditure	...	27,43,38,887	08

Div.—

APPENDIX No. 40—(Concl'd.)

SUMMARY

Receipts.		Account	Disbursements.	
Rs.	P.		Rs.	P.
20,17,708	03	Balance on 1st April 1974—		
13,35,86,030	13	A.—Revenue Account ...	12,36,88,867	58
1,60,00,000	00	B.—Capital Account ...	1,13,29,828	00
25,84,95,206	27	C.—Suspense Account ...	27,43,38,889	08
40,80,81,236	40	*Balance on 31st March 1975. ...	40,93,57,584	66
			7,41,359	77
41,00,98,944	43	Total ...	41,00,98,944	43
Bank's Reconciliation—			Rs.	P.
*Balance as per Bank's Pass Book ...			1,50,646	97
Add—Revenue sent to the Bank on 31st March 1975 but acknowledged on 1st April 1975. ...			...
			1,50,646	97
Less—Uncashed cheques ...			4,23,867	73
Balance as per Day Book (Col. No. 10)			Cr: 2,73,220	76
		Rs.	P.	
Balance in Office in Government Promissory Notes etc. ...		4,645	67	
Balance in Office in Cash ...		10,09,934	86	10,14,580
Collection kept in office ...				53
				7,41,359
				77

ASSESSMENT AND COLLECTION

Summary of Administration Report

I.—Money spent by the Corporation :—

	City	Subs.	Extd. Subs.	Octroi	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Establishment Charges	.. 60,73,980	31,14,900	8,91,148	40,12,000	1,40,92,028
Other expenses	.. 22,95,279	3,22,641	1,34,634	3,40,000	30,92,554
Commission to collecting Agencies	.. ..	..	..	35,40,000	35,40,000

II.—Results achieved :—

Due to vigorous collection drive the excess recovery of property taxes over the collection for the year 1973-74 is as under :—

City	Subs.	Extd. Subs.	Total
Rs.	Rs.	Rs.	Rs.
2,76,94,518	1,60,51,728	1,05,27,614	5,42,73,860

The excess in Octroi collection for the year 1974-75 over that for the year 1973-74 is Rs. 3,81,84,677.

	Property Taxes	Octroi	Total
	Rs.	Rs.	Rs.
Total Excess	.. 5,42,73,860	3,81,84,677	9,24,58,537

III.—Suggestion for remedying deficiencies :—

- (1) The computerised accounting system must stabilise.
- (2) To consider exempting from payment of Municipal taxes unauthorised structures having small Rateable Values as the cost of issuing and recovering the bills is not commensurate with the revenue derived therefrom.
- (3) Wheel tax bills should be issued yearly instead of quarterly. A draft amendment to the Bombay Municipal Corporation Act has already been proposed accordingly.
- (4) Old wheel tax bills involving wrong demand should be cancelled on the basis of spot enquiry reports of the Supervising officers in the Ward Offices of this Department.
- (5) Procedural delay can be avoided if power of disconnection of water supply for non-payment of water charges is delegated to the Municipal Commissioner by the Standing Committee.
- (6) Various amendments to the Bombay Municipal Corporation Act pertaining to the levy and recovery of taxes already proposed should be enacted promptly.

R. G. RELE,
Assessor & Collector.

ASSESSMENT & COLLECTION DEPARTMENT.

Shri R. G. Rele, B.Sc., L.S.G.D., Assessor & Collector, was in charge of the Department during the period 1st April 1974 to 31st March 1975, *i. e.*, the year under report.

Shri S. S. Murkute, B.Com., L.S.G.D., LL.B., Dy. Assessor & Collector, was in charge of the Octroi Branch of the Department during the year under report. He was also in charge of 'Special Vigilance' Squad.

Shri P. B. Mhaskar, B.A., (Hons.), L.S.G.D., Dy. Assessor & Collector, was in charge of City Wards and was assisting Assessor & Collector in all the matters during the year under report.

Shri G. P. Parulekar, B.Sc., (Hons.), M.A., L.S.G.D., 1st LL.B., Dy. Assessor & Collector was in charge of all the Wards in Western Suburbs.

Shri S. G. Phatak, B.A. (Hons.), Dy. Assessor & Collector, was in charge of all the Wards in Eastern Suburbs.

Shri R. M. Oza, L.S.G.D., Asstt. Election and Town Duty Officer, was in charge of Election Branch during the year under the overall supervision of the undersigned.

R. G. RELE,
Assessor & Collector.

ASSESSMENT & COLLECTION DEPARTMENT.

Bulk of revenue of the Corporation is collected by the Assessment & Collection Department and it may, therefore, rightly be called the backbone of the Corporation. Property taxes constitute the main source of revenue followed by revenue from the Octroi. Water benefit tax at 3% of the Rateable Value and the Sewerage benefit tax at 2% of the Rateable Value are the two additional items of property taxes levied by the Corporation from 1st April 1974. Government of Maharashtra has also revised the rates of State Education Cess from 1st April 1974. The rates of levy of various Municipal taxes and State Education Cess are shown in the statement under the head 'Rates of Taxation'. The increase in demand of property taxes and State Education Cess over that of the last year was about Rs. 13 crores and 54 lacs.

Collection of Municipal property taxes including water charges during the year under report is Rs. 43,11,76,769 as against the collection of Rs. 37,69,02,910 during the last year meaning thereby that Rs. 5,42,73, 859 were collected more on account of Municipal property taxes alone during the year 1974-75. This was achieved due to vigorous collection drive launched right from the beginning of the year. The position would have been much brightened had there been no inordinate delay in the receipt of property tax bills and water charges bills from the Computer centre.

The total yearly demand of Municipal property taxes including water charges, etc., is Rs. 45.07 crores whereas the total outstandings which relate to all the past and previous years is about Rs. 23.25 crores. The breakup of these arrears is shown at P. 14.15. These arrears include settled demand as well as unsettled i. e. provisional demand. 50 percent of these arrears is generally recovered during the current year and the balance amount remains locked up on account of various reasons such as Court Injunctions, suits filed, appeals, etc., over which the administration has no control. However, in order to enable this Department to recover the arrears in cases where appeals against the Rateable Values are pending in the Court an amendment to Section 217 was proposed and the same has been approved by the Government—The Act has also been amended by issue of an ordinance. It is hoped that the amendment would go a long way for effecting better recovery of the amount of taxes involved in appeals.

As regards water charges the percentage of collection to net demand in City is 87.81 whereas that in Suburbs and Extended Suburbs is 70.23 and 70.25 respectively. Two Liaison officers, one for Western Suburbs and one for Eastern Suburbs, have been appointed for expediting action of severance of water connection to yield more and more recovery and the results are encouraging.

The assessment of Railway properties is still not finalised even though the matter is under correspondence with the Railway Board for a number of years. However, the Railways are making an ad-hoc payment of Rs. 11,70,000 every year.

The assessment of Bombay Port Trust properties for the quinquennium 1964-69 has since been finalised and Bombay Port Trust authorities have now started making payment based on the Rateable Value for the quinquennium 1964-69. The work of assessment for the quinquennium 1969-74 is now in progress.

Shri Pestonji P. Kapadia the person appointed to fix the Rateable Value of buildings and lands in Greater Bombay vesting in the State and The Central Government for the quinquennium 1969-74 has finalised the work and his report has been printed. Demand letters on the basis of the rateable values of Government properties fixed by Shri Kapadia have been sent to various Government Departments requesting them to arrange payment accordingly.

A person to fix the Rateable Values of the Government properties under the provisions of Section 144(2) of the Bombay Municipal Corporation Act for the quinquennium 1974-79 is being appointed shortly and the work will start immediately thereafter.

The Central Government who have decided to pay service charges from 1st April 1954 in respect of properties covered by Article 285(1) of the Constitution have during the year under report paid Rs. 15,28,453.42 on that account.

Building Repairs Cess

Repairs Cess collected during 1974-75 amounts to Rs. 2,99,46,168.03 which is nearly 60% of the demand including arrears for previous years.

Octroi

Rates of Octroi continued to be the same as those in the year 1973-74, except those in respect of (1) Saffron . . . Item 7 and (2) Dried Nuts under 'Edibles' Item 8 of Octroi Schedule where they were reduced from 7% to 2% and 6% to 1½% ad valorem respectively.

Octroi collected during 1974-75 amounts to Rs. 28,45,66,206 as against the amount of Rs. 24,63,81,529 collected during the year 1973-74. This shows that amount of Rs. 3,81,84,677 was collected in excess over the collection for last year.

77,862 claims for refund of Octroi on goods exported out of Greater Bombay were received in 1974-75 as compared to 82,629 claims received in 1973-74.

Government of Maharashtra did not take any final decision in the matter of abolition of octroi and its substitution by another source of revenue till 31st March 1975, Government are, however, instead of abolishing octroi, considering a new system of octroi on the lines of Sales Tax recovery with a view to redressing the grievances of transport operators about detention of trucks at octroi check posts. They have held discussions about the new system with representatives of Transport Operators, traders and local bodies. They also intend to hold discussions with Mayors of Corporations and Presidents of local bodies in Maharashtra, before taking a final decision about introducing the new system.

A proposal to increase the rates of octroi from 1st April 1975 on 52 items of articles under the present Octroi Schedule, within the limitations laid down in the Bombay Municipal Corporation Act, was put up to Standing Committee and Corporation for approval in January 1975, with a view to augmenting Corporation's finances to meet its increasing expenditure.

Election

Out of 15 election Petitions filed against results of poll held in March 1973, one Petition in respect of Election in Ward No. 121 (Thakkar Bappa Colony Siddharth Nagar) was dismissed in 1973-74. In 1974-75, 5 more Petitions in respect of Election in Ward Nos. 15 (Panjrapol Chandan Wadi), 27 (Tulsiwadi-Nair Hospital), 57 (B. D. D. Chawls-Nehru Stadium), 69 (Jasmine Mills-Mahim) and 85 (Parle College-East Gaothan) were either withdrawn or dismissed. 9 Election Petitions were still pending in Small Causes Court as on 31st March 1975.

During the year 1974-75, no Bye-Elections (including one in Ward No. 63-(Modern Mills, Dadar Market) to fill up the casual vacancy caused due to sad accidental death of Sitting Councillor Shri Gopinath Sitaram Chavan on 10th October 1973) were held. It was decided to await judgement of Small Causes Court on all Election Petitions and thereafter to hold Bye-Elections in all the Wards, wherever necessary simultaneously.

R. G. RELE,
Assessor & Collector.

RATES OF TAXATION

The rates of taxation on lands and buildings during the year under report were as under :—

Nature of Tax.	Percentage.	Remarks.
(1) General Tax (Including Fire Tax @ $\frac{3}{4}$ %)	24 $\frac{1}{4}$ %	In the areas of City, Suburbs & Extended Suburbs except the villages in respect of non-Industrial properties.
	22 $\frac{3}{4}$ %	Villages in respect of non-Industrial properties.
(2) Water Tax on Rateable Value.	7%	In the areas of City and certain properties in Suburbs.
(3) Water Benefit Tax	3%	In the areas of City, Suburbs and Extended Suburbs.
(4) Sewerage Tax	3 $\frac{1}{2}$ %	In the areas of City, Suburbs and Extended Suburbs.
(5) Sewerage Benefit Tax	2%	In the areas of City, Suburbs and Extended Suburbs.
(6) Education Cess	..	For Rateable Value between Re. 1 to Rs. 74.
	2%	For Rateable Value between Rs. 75 to Rs. 299.
	2 $\frac{1}{2}$ %	For Rateable Value Rs. 300 and above.
(7) State Education Cess		
Slabs of annual letting value. ..	In respect of land or buildings used or intended to be used for residential purposes.	In respect of land or building used or intended to be used for non-residential purposes.
(1) On R. V. Re. 1 to Rs. 74. ..	..	..
(2) Rs. 75 or more but not more than Rs. 150.	2% of the annual letting value.	4% of the annual letting value.
(3) More than Rs. 150 but less than Rs. 300.	3% of the annual letting value.	6% of the annual letting value.
(4) Rs. 300 or more but less than Rs. 3,000.	4% of the annual letting value.	8% of the annual letting value.
(5) Rs. 3,000 or more but less than Rs. 6,000.	5% of the annual letting value.	10% of the annual letting value.
(6) Rs. 6,000 or more ..	6% of the annual letting value.	12% of the annual letting value.
Additional State Education Cess is abolished from 1st April 1974.		
(8) Water charges by meter measurement.		The rates charged for supply of water by meter measurement ranged between Rs. 2.50 to Rs. 14 per 10,000 litres according to the class of property.

Properties	City	Suburbs	Extended Suburbs.	Total
No. of Properties as on 31-3-1975	87,553	88,082	48,563	2,24,598
No. of Properties exempted from General Tax during the year 1974-75	3,877	2,244	1,217	7,338
No. of Properties newly assessed during the year 1974-75	2,931	2,568	1,968	7,467
No. of Properties enlarged during the year 1974-75	1,037	1,597	1,397	4,031
No. of Properties demolished during the year 1974-75	3,120	268	147	3,475

Rateable Value as on 31-3-1975 and Rates of Rateable Value per head of population.

	City	Suburbs	Extended Suburbs	Total
Rateable Value	61,28,19,095	30,68,43,134	14,03,74,248	1,06,00,36,477
Population 1971	30,67,381	21,68,160	7,33,065	59,68,606
Rate per head of population	199.61	141.06	191.04	177.62

Complaints disposed of during 1974-75

	Number	Percentage of reduction in rateable value
City	1217	6.17
Suburbs	4362	8.40
Extended Suburbs	3389	14.06

Appeals against rateable value during 1974-75

There were 676, 564 and 493 appeals against rateable value during the year under report in the City, Suburbs and Extended Suburbs respectively out of which 522, 514 and 472 remained pending at the close of the year.

Bills issued during the year 1974-75

	City		Suburbs		Extended Suburbs		Total	
	Past and previous year	Current year	Past and previous year	Current year	Past and previous year	Current year	Past and previous year	Current year
Property taxes ...	1,503	1,67,362	2,512	1,74,404	3,267	96,536	7,282	4,38,302
Water charges by meter measurement including Meter Hire ...	4,469	35,153	11,661	63,797	2,478	28,179	18,608	1,27,129
Wheel Tax	41,584	3,76,703	15,924	1,06,505	2,666	29,969	60,174	5,13,177
Total ...	47,556	5,79,218	30,097	3,44,706	8,411	1,54,584	86,064	10,78,608

Statement showing the comparative position of demand, collection and outstanding of Municipal property taxes (including water charges, sewerage charges water benefit tax and sewerage benefit tax).

	Nature of Tax	Year	Total net demand	Collection	Percentage	Out standing	Percentage
			Rs.	Rs.		Rs.	
City	Property Taxes	72-73	27,83,09,854	21,36,49,011	76.76	6,46,60,853	23.24
Suburbs.	"	"	18,22,52,033	9,79,25,576	53.75	8,43,26,457	46.25
Extd. Subs.	"	"	7,24,40,092	3,58,45,628	49.48	3,65,94,464	50.52
City	"	73-74	29,89,64,968	22,50,93,167	75.28	7,38,71,801	24.72
Suburbs	"	"	19,88,83,888	11,04,69,662	55.54	8,83,93,726	44.46
Extd. Subs.	"	"	7,92,05,441	4,13,40,031	52.19	3,78,65,360	47.81
City	"	74-75	34,26,28,402	25,27,87,635	73.78	8,98,40,717	26.22
Suburbs.	"	"	21,83,18,127	12,65,21,330	57.95	9,17,96,739	42.05
Extd. Subs.	"	"	10,27,35,189	5,18,67,695	50.50	5,08,68,494	49.50
City	Wheel Tax	72-73	2,87,55,335	92,69,008	32.23	1,94,86,327	67.77
Suburbs	"	"	91,60,131	17,38,311	18.99	74,21,820	81.01
Extd. Subs.	"	"	18,59,819	4,53,180	24.37	14,06,639	75.63
City	"	73-74	3,27,91,791	96,07,952	29.30	2,31,85,829	70.70
Suburbs	"	"	1,11,86,129	20,93,060	19.68	90,93,069	81.32
Extd. Subs.	"	"	22,27,171	5,12,281	23.00	17,14,890	77.00
City	"	74-75	3,71,99,236	1,05,20,577	28.35	2,65,78,659	71.65
Suburbs	"	"	1,40,77,957	22,93,270	16.28	1,17,84,697	83.72
Extd. Subs.	"	"	27,96,132	6,25,355	22.44	21,69,827	77.56

Miscellaneous Receipts:—

	City	Suburbs	Extd. Suburbs	Total
	Rs.	Rs.	Rs.	Rs.
Notice fee ...	98,435	1,72,354	91,899	3,62,699
Warrant Cost ...	3,57,400	1,08,795	44,598	5,10,793
Penalty ...	1,24,775	2,11,317	1,02,334	4,38,486
Total ...	5,80,611	4,92,476	2,38,891	13,11,978

	1973-74	1974-75
Amount of General Tax Exempted:—		
City ...	1,74,59,493	1,75,47,390
Suburbs ...	24,87,370	25,67,936
Extd. Suburbs ...	23,60,364	24,38,882
Total ...	2,23,07,227	2,25,54,208

Total Demand, Collection and Outstanding of Municipal Property Taxes including W. B. T. & S. B. T. but excluding water charges & Sewerage charges during the year 1974-75.

(The amounts of 50 paise and above are taken as full rupee and below 50 paise are omitted).

Period.	Outstanding on 1-4-1974.	Amount of bills issued during the year	Gross Demand.	Amount of bills recalled during the year	Net demand.	Less unsettled d mand. (Details shown under the head unsettled demand)	Effective Demand.	Collection during 1974-75.	Outstanding on 31-3-1975.	Percentage of collection to effective Demand	Percentage of outstanding to net Demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
CITY											
Upto 1972-73 ...	3,12,89,861	21,61,957	3,34,51,818	20,81,033	3,13,70,785	...	...	88,56,904	2,25,13,881	...	71.76%
1973-74 ...	3,41,59,501	61,12,587	4,02,72,088	73,82,095	3,28,89,993	...	...	1,64,18,080	1,64,71,913	...	50.09%
1974-75 ...	...	22,98,52,482	22,98,52,482	1,98,48,538	21,00,03,944	...	...	16,74,73,033	4,25,30,911	...	20.52%
Total ...	6,54,49,362	23,81,27,026	30,35,76,388	2,93,11,666	27,42,64,722	5,98,94,645	21,43,70,077	19,27,48,017	8,15,16,705	89.94%	29.72 %
SUBURBS											
Upto 1972-73 ...	4,10,05,735	23,32,266	4,33,38,061	17,81,957	4,15,56,104	...	...	1,08,05,016	3,07,51,088	...	74.04%
1973-74 ...	2,91,29,659	40,16,116	3,31,45,775	53,03,016	2,78,42,759	...	...	1,33,54,258	1,44,88,501	...	52.07%
1974-75 ...	...	10,79,22,056	10,79,22,056	97,39,452	9,81,82,604	...	...	6,73,49,316	3,08,33,288	...	31.41%
Total ...	7,01,35,454	11,42,70,438	18,44,05,892	1,68,14,425	16,75,51,467	3,27,30,551	13,48,50,916	9,15,08,590	7,60,72,877	67.85%	45.38%
EXTENDED SUBURBS											
Upto 1972-73 ...	2,16,11,251	8,97,862	2,25,09,113	9,21,161	2,15,87,952	...	...	56,13,126	1,59,74,826	...	74.03%
1973-74 ...	1,69,94,638	28,73,932	1,98,68,570	31,87,367	1,66,81,203	...	...	81,89,750	84,91,453	...	50.91%
1974-75 ...	...	5,50,84,501	5,50,84,501	66,14,691	4,84,69,810	...	...	2,68,60,583	2,16,09,227	...	44.60%
Total ...	3,86,05,889	5,88,56,295	9,74,62,184	1,07,23,219	8,67,38,955	1,71,14,804	6,66,24,161	4,06,63,459	4,61,75,006	58.42%	53.13%

Total Demand, Collection and Outstanding of Water charges by meter measurement excluding sewerage charges during the year 1974-75

(The amounts of 50 paise and above are taken as full rupee and below 50 paise are omitted).

Period	Outstanding on 1-4-1974.	Amount of bills issued during the year. 1974-75.	Gross Demand.	Amount of bills recalled.	Net demand.	Collection during 1974-75.	Outstanding on 31-3-75.	Percentage of outstanding to net Demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
CITY								
Upto 1972-73 ...	30,63,400	23,31,678	53,95,078	3,33,000	50,62,078	29,33,718	21,28,360	41.72
1973-74 ...	51,44,617	68,09,166	1,19,53,783	5,05,907	1,14,47,876	98,60,168	15,87,708	13.92
1974-75 ...	...	4,03,37,626	4,03,37,626	4,25,337	3,99,12,289	3,67,33,223	31,79,066	7.96
Total ...	82,08,017	4,94,78,470	5,76,86,487	12,64,244	5,64,22,243	4,95,27,109	68,95,134	12.22
SUBURBS								
Upto 1972-73 ...	74,20,460	20,50,535	94,70,995	7,55,085	87,15,909	43,83,909	43,32,000	49.71
1973-74 ...	82,46,956	37,33,260	1,19,80,216	6,81,679	1,12,98,537	87,27,725	25,70,812	22.75
1974-75 ...	...	3,00,40,049	3,00,40,049	5,71,419	2,94,68,630	2,16,55,735	78,12,895	26.52
Total ...	1,56,67,416	3,58,23,844	5,14,91,260	20,08,184	4,94,83,076	3,47,67,369	1,47,15,707	29.74
EXTENDED SUBURBS.								
Upto 1972-73 ...	10,18,884	1,09,640	11,28,524	17,678	11,10,846	3,53,488	7,57,358	68.17
1973-74 ...	25,29,606	8,30,702	33,60,508	14,662	33,45,846	25,58,497	7,87,949	23.55
1974-75 ...	...	1,16,08,085	1,16,08,085	69,153	1,15,39,932	82,92,251	32,47,681	28.15
Total ...	35,48,490	1,25,48,627	1,60,97,117	99,853	1,59,97,223	1,12,04,236	47,92,988	29.95

Total Demand Collection and Outstanding of Sewerage Charges during the year 1974-75.
(The amount of 50 paise and above are taken as full rupee and below 50 paise are omitted).

Period	Outstanding as on 1-4-1974	Amount of bills issued during the year.	Gross Demand	Amount of bills recalled during the year.	Net demand	Less unsettled demand	Effective demand	Collection during the year.	Outstanding as on 31-3-75	Percentage of collection to effective demand.	Percentage of outstanding to Net demand
1	2	3	4	5	6	7	8	9	10	11	12
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
CITY											
Upto and 1972-73
1973-74
1974-75	..	1,21,00,413	1,21,00,413	1,58,976	1,19,41,437	..	..	1,05,12,559	14,28,878	..	12.00
TOTAL	..	1,21,00,413	1,21,00,413	1,58,976	1,19,41,437	..	..	1,05,12,559	14,28,878	..	12.00
SUBURBS											
Upto and 1972-73
1973-74
1974-75	..	12,53,586	12,53,586	..	12,53,586	..	..	2,45,430	10,08,156	..	77.54
TOTAL	..	12,53,586	12,53,586	..	12,53,586	..	..	2,45,430	10,08,156	..	77.54
EXTENDED- SUBURBS											
Upto and 1972-73
1973-74	..	As the properties in Extended Suburbs are not connected to Municipal Sowers									
1974-75	..	the question of levy of Sewerage Charges does not arise.									
TOTAL

Total Demand, Collection and Outstanding of Wheel Tax during the year 1974-75

(The amounts of 50 paise and above are taken as full rupee and below 50 paise are omitted.)

Period	Outstanding on 1-4-1974.	Amount of bills issued during the year 1974-75	Gross Demand	Amount of bills recalled.	Net Demand.	Less : unsettled demand.	Effective demand.	Collection during 1974-75.	Outstanding as on 31-3-1975.	Percentage of collection to effective demand.	Percentage of outstanding to net demand.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
CITY											
Upto 1972-73	...	1,72,90,848	5,88,552	1,78,79,403	5,66,972	1,73,12,428	...	13,33,376	1,59,79,052	...	92.36
1973-74	...	59,99,550	6,82,912	66,82,462	2,94,464	63,87,998	...	20,12,531	43,75,467	...	68.36
1974-75	1,37,48,102	1,37,48,102	2,49,292	1,34,98,810	...	71,74,670	63,24,140	...	46.84
Total	...	2,32,90,398	1,50,19,566	3,83,09,964	11,10,728	3,71,99,236	1,67,91,030	2,04,08,156	1,05,20,577	51.56	71.71
SUBURBS											
Upto 1972-73	...	68,88,396	2,52,146	71,40,542	1,90,829	69,49,713	...	5,03,901	64,45,812	...	92.74
1973-74	...	21,68,241	2,40,823	24,09,064	48,569	23,60,495	...	5,59,335	18,01,160	...	76.28
1974-75	47,79,004	47,79,004	11,245	47,67,759	...	12,30,034	35,37,725	...	74.22
Total	...	90,56,637	52,71,973	1,43,28,610	2,50,643	1,40,77,967	50,01,559	90,76,408	1,17,84,697	25.18	83.73
EXTENDED SUBURBS											
Upto 1972-73	...	12,80,350	38,772	13,19,122	68,806	12,50,316	...	1,01,295	11,49,021	...	91.94
1973-74	...	5,58,222	52,435	6,10,657	20,254	5,90,403	...	1,76,887	4,13,516	...	70.03
1974-75	9,89,559	9,89,559	34,096	9,55,463	...	3,44,173	6,07,290	...	63.56
Total	...	18,38,572	10,80,766	29,19,338	1,23,156	27,96,182	8,92,790	19,03,392	6,26,355	32.92	77.62

Total Demand Collection and Outstanding of Water Benefit Tax during the year 1974-75.

(The amount of 50 paise and above are taken as full rupee and below 50 paise are omitted).

Period	Outstanding as on 1-4-1974	Amount of bills issued during the year.	Gross Demand	Amount of bills recalled during the year.	Net demand	Less unsettled demand	Effective demand	Collection during the year.	Outstanding as on 31-3-75	Percentage of collection to effective demand.	Percentage of outstanding to Net demand
1	2	3	4	5	6	7	8	9	10	11	12
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
CITY											
Upto and 1972-73	--	--	--	--	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--	--	--	--	--
1974-75	--	1,96,67,904	1,96,67,904	19,70,768	1,76,97,136	--	--	1,39,23,838	37,73,298	--	21.31
TOTAL	--	1,96,67,904	1,96,67,904	19,70,768	1,76,97,136	--	--	1,39,23,838	37,73,298	--	21.31
SUBURBS											
Upto and 1972-73	--	--	--	--	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--	--	--	--	--
1974-75	--	92,69,854	92,69,854	9,36,195	83,33,659	--	--	53,63,000	29,70,659	--	35.66
TOTAL	--	92,69,854	92,69,854	9,36,195	83,33,659	--	--	53,63,000	29,70,659	--	35.66
EXTENDED SUBURBS											
Upto and 1972-73	--	--	--	--	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--	--	--	--	--
1974-75	--	44,78,427	44,78,427	5,26,405	39,52,022	--	--	20,95,703	18,56,319	--	46.96
TOTAL	--	44,78,427	44,78,427	5,26,405	39,52,022	--	--	20,95,703	18,56,319	--	46.96

Total Demand Collection and Outstanding of Sewerage Benefit Tax during the year 1974-75.

(The amount of 50 paise and above are taken as full rupee and below 50 paise are omitted).

Period	Outstanding as on 1-4-1974	Amount of bills issued during the year.	Gross Demand	Amount of bills recalled during the year.	Net demand	Less unsettled demand	Effective demand	Collection during the year.	Outstanding as on 31-3-75	Percentage of collection to effective demand.	Percentage of outstanding to Net demand
	2	3	4	5	6	7	8	9	10	11	12
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
CITY											
Upto and 1972-73	--	--	--	--	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--	--	--	--	--
1974-75	--	1,31,25,699	1,31,25,699	13,37,293	1,17,88,406	--	--	90,32,969	27,55,437	--	23.34
TOTAL	--	1,31,25,699	1,31,25,699	13,37,293	1,17,88,406	--	--	90,32,969	27,55,437	--	23.34
SUBURBS											
Upto and 1972-73	--	--	--	--	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--	--	--	--	--
1974-75	--	61,83,146	61,83,146	6,28,793	55,54,353	--	--	35,94,820	19,59,533	--	36.30
TOTAL	--	61,83,146	61,83,146	6,28,793	55,54,353	--	--	35,94,820	19,59,533	--	36.30
EXTENDED SUBURBS											
Upto and 1972-73	--	--	--	--	--	--	--	--	--	--	--
1973-74	--	--	--	--	--	--	--	--	--	--	--
1974-75	--	29,88,705	29,88,705	3,57,388	26,31,317	--	--	14,02,782	12,28,535	--	46.71
TOTAL	--	29,88,705	29,88,705	3,57,388	26,31,317	--	--	14,02,782	12,28,535	--	46.71

**Total Demand, collection and Outstanding of:—
The Urban Immoveable Property Tax.**

(The amounts of 50 Paise and above are taken as full rupees and below 50 paise are omitted)

Period	Outstanding as on 1-4-74.	Amount of bills issued during 1974-75.	Gross Demand.	Bills recalled.	Net Demand.	Collection during 1974-75.	Outstanding as on 31-3-75.	Percentage of outstanding to net demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
City Upto 1962-63 ...	96,389	169	96,558	3,016	93,542	10,217	83,325	89.11%
Suburbs —do— ...	3,12,471	...	3,12,471	...	3,12,471	20,239	2,92,182	93.50%
Extended Suburbs —do— ...	1,71,300	...	1,71,300	...	1,71,300	7,639	1,63,671	95.57%
Total : ...	5,80,160	169	5,80,329	3,016	5,77,313	38,145	5,39,168	93.44%

The State Education cess :

Period	Outstanding as on 1-4-74.	Amount of bills issued during 1974-75.	Gross Demand.	Amount of Bills recalled.	Net Demand.	Collection during 1974-75.	Outstanding as on 31-3-75.	Percentage of outstanding to net demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
City—								
Upto 1972-73 ...	24,21,487	1,18,315	25,39,802	1,71,906	23,67,896	5,80,206	17,87,690	75.53%
1973-74 ...	27,39,557	4,65,756	32,05,313	5,43,889	26,61,424	14,64,886	11,96,538	44.97%
1974-75 ...	...	5,62,36,202	5,62,36,202	60,08,927	5,02,27,275	3,75,38,536	1,26,88,739	25.27%
Total ...	51,61,044	5,68,20,273	6,19,81,317	67,24,722	5,52,56,595	3,95,83,628	1,56,72,967	28.37%
Suburbs—								
Upto 1972-73 ...	32,87,201	1,25,630	34,12,831	1,91,648	32,21,183	8,49,768	23,71,415	73.60%
1973-74 ...	24,50,521	3,16,940	27,67,461	4,69,111	22,98,350	9,85,759	13,12,591	57.15%
1974-75 ...	...	2,23,56,763	2,23,56,763	23,65,415	1,99,91,348	1,15,68,011	84,23,337	42.14%
Total ...	57,37,722	2,27,99,333	2,85,37,055	30,26,174	2,55,10,881	1,34,03,538	1,21,07,343	47.46%
Extended Suburbs—								
Upto 1972-73 ...	17,72,416	70,702	18,43,118	72,600	17,70,518	4,11,951	13,58,567	76.74%
1973-74 ...	13,04,935	2,20,912	15,25,847	2,57,498	12,68,349	6,04,259	6,64,090	52.38%
1974-75 ...	...	1,13,63,022	1,13,63,022	16,03,470	97,59,552	44,37,345	53,22,207	54.54%
Total ...	30,77,351	1,16,54,636	1,47,31,987	19,33,568	1,27,98,419	54,53,555	73,44,864	57.38%

**Total Demand, Collection and Outstanding of :-
The Additional State Education Cess**

(The amounts of 50 paise and above are taken as full rupee and below 50 paise are omitted)

Period	Outstanding as on 1-4-1974	Amount of bills issued during 1974-75.	Gross Demand	Amount of bills recalled	Net Demand	Collection during 1974-75	Outstanding as on 31-3-1975	Percentage of outstanding to net demand.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
CITY									
City upto 1972-73	...	7,19,027	51,235	7,70,262	78,163	6,92,099	2,07,460	4,84,639	70.03
.. 1973-74	...	14,03,216	2,30,820	16,34,036	2,82,219	13,51,817	7,24,248	6,27,569	46.45
Total		21,22,243	2,82,055	24,04,298	3,60,382	20,43,916	9,31,708	11,12,208	54.43
SUBS.									
upto 1972-73	...	8,96,475	52,613	9,49,088	86,471	8,62,617	2,40,866	6,21,751	72.09
.. 1973-74	...	12,04,745	1,86,516	13,91,261	2,18,748	11,72,513	5,18,719	6,53,794	55.73
Total		21,01,220	2,39,129	23,40,349	3,05,219	20,35,130	7,59,585	12,75,545	62.69
EXTD. SUBS.									
upto 1972-73	...	5,18,804	27,933	5,46,737	30,927	5,15,810	1,41,179	3,74,631	72.63
.. 1973-74	...	6,53,455	1,11,533	7,64,988	1,30,349	6,34,639	3,15,491	3,19,148	50.30
Total		11,72,259	1,39,466	13,11,725	1,61,276	11,50,449	4,56,670	6,93,779	62.44

Total Demand, Collection and Outstanding of Repairs and Reconstruction Cess during the year 1974-75 for the City Wards

	Category	Outstanding as on 1-4-74.	Amount of bills issued during the year 1974-75.	Gross Demand.	Bills recalled (Amount.)	Net demand.	Collection during 1974-75	Outstanding as on 31-3-1975	Percentage of outstanding to the net demand
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Past and previous years.	A	98,80,188.16	5,04,566.65	1,03,84,754.81	1,95,007.62	1,01,89,747.19	46,90,266.19	54,99,481.00	54%
	B	14,75,341.08	55,481.15	15,30,822.23	58,378.02	14,72,444.21	4,97,114.68	9,75,329.53	66.23%
	C	37,91,779.30	44,868.93	38,36,648.23	91,331.56	37,45,316.67	8,35,104.10	29,10,212.57	77%
Total		1,51,47,308.54	6,04,916.73	1,57,52,225.27	3,44,717.20	1,54,07,508.07	60,22,484.97	93,85,023.10	61%
Current year (1974-75)	A	...	2,75,52,414.85	2,75,52,414.85	8,50,761.84	2,67,01,653.01	1,90,54,557.54	76,47,095.47	28.64%
	B	...	29,67,854.90	29,67,854.90	77,037.32	28,90,817.58	17,78,661.09	11,12,156.49	38.48%
	C	...	51,93,313.89	51,95,313.89	1,28,868.85	50,66,445.04	30,90,464.43	19,75,980.61	39%
Total		...	3,57,15,583.64	3,57,15,583.64	10,56,668.01	3,46,53,915.63	2,39,23,683.06	1,07,35,232.57	31%
Grand Total		1,51,47,308.54	3,63,20,500.37	5,14,67,808.91	14,01,385.21	5,00,66,423.70	2,99,46,168.03	2,01,20,255.67	40.18%

Comparative figures of gross collection, refunds and net revenue from octroi for the year 1972-73 1973-74 and 1974-75.

Items.	1972-73	1973-74	1974-75	Increase over 1973-74.
(1) Cross collection	21,94,38,450	24,63,81,529	28,45,66,206	+3,81,84,677
(2) Refunds.	2,35,22,013	2,99,06,609	3,95,08,520	+96,01,911
(3) Net Revenue.	19,59,16,437	21,64,74,920	24,50,57,686	+2,85,82,766
(4) Fees for stamping	1,00,949	2,09,424	2,21,515	+12,091
(5) Fees in respect of refunds.	18,73,425	27,23,052	32,41,664	+5,18,612
(6) Departmental collection.	13,46,09,873	15,90,27,271	20,07,87,201	+5,59,930

Details of packages stamped with Municipal marks are as under.

Items.	1973-74	1974-75	Increase or Decrease in 1974-75.
(1) Sugar & Gur	12,89,513	13,38,218	+48,705
(2) Tea	1,49,209	1,68,301	+19,092
(3) Edibles	3,22,311	3,53,014	+30,703
(4) Ghee & Vegetable products.	22,540	23,032	+492
(5) Wines, spiritess & Beer.	2,80,081	3,00,581	+20,500
(6) Paper crates.	20,700	21,208	+508
(7) Ply wood Crates	9,887	10,795	+908
(8) Mollasses	..	..	..
(9) Miscellaneous.	..	..	..
	20,94,241	22,15,149	1,20,908

Break up of arrears of settled and effective demand of Municipal property taxes including water charges, sewerage charges water benefit tax, sewerage benefit tax, wheel tax but exclusive of State Education Cess and Additional State Education Cess as on 31st March 1975.

	CITY			SUBURBS			EXTENDED SUBURBS		
	Effective Demand	Effective Demand	Effective Demand	Effective Demand	Effective Demand	Effective Demand	Effective Demand	Effective Demand	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
(1) Government and Dy. Custodian of Evacuee Properties	..	34,00,270	10,04,838	6,58,705					
(2) Bombay Port Trust	..	7,14,551	21,552	..					
(3) B.M.C. (Impts.) and other Municipal Departments	..	18,43,137	10,16,921	4,01,472					
(4) Properties under attachment	..	49,32,892	65,48,785	36,97,588					
(5) Amounts involved in respect of unauthorised structures hutments	..	14,34,901	1,00,57,092	52,03,607					
(6) Amounts due from B.E.S.T. Undertaking	..	2,78,919	4,57,967	6,466					
(7) Instalments allowed.	..	20,60,849	12,23,031	10,51,025					
(8) Monthly tenancy structures	..	9,94,990	29,97,832	20,03,753					
(9) Amounts held in deposits	..	4,33,732	56,62,816	3,89,545					
(10) Other ratepayers :									
(a) Property taxes	..	1,38,51,831	3,00,75,354	2,69,41,469					
(b) Wheel tax	..	98,87,579	67,83,138	12,77,037					
TOTAL	..	3,98,33,651	6,58,49,326	3,50,30,727					

- (1) Payment was not received from Government Departments before 31st March 1975. The Dy. Custodian of Evacuee Properties pays as and when funds permit.
- (2) The payment was not received before 31st March 1975.
- (3) The amounts await adjustment.
- (4) Properties have been attached and steps have been taken to expedite the sale of properties attached.
- (5) There are various difficulties for effective recovery of taxes from occupants of the unauthorised structures. However efforts are being made to recover maximum amount possible. Special squad has been appointed for the purpose.
- (6) The matter is under correspondence.
- (7) The recovery would be effected in due course.
- (8) There are various difficulties for effecting recovery of taxes in respect of monthly tenancy structures.
- (9) Amounts await adjustments.

Break up of unsettled and provisional demand of Municipal Property-taxes including Water Charges, Sewerage Charges Water Benefit Tax, Sewerage Benefit Tax, Wheel tax but Exclusive of State Education Cess and Add. State Education Cess as on 31st March 1975.

	CITY	SUBURBS	EXTENDED SUBURBS
	Unsettled Demand	Unsettled Demand	Unsettled Demand
	Rs.	Rs.	Rs.
(1) Railways	4,03,929	2,57,757	82,647
(2) Court Receiver, Official Assignee, etc.	33,63,845	11,61,260	8,34,225
(3) Suits filed, Injunctions and appeals against Rateable Value.	3,17,19,607	1,00,71,261	38,04,667
(4) Complaints against Rateable Value	1,62,24,356	1,03,68,448	53,79,714
(5) Disputed property taxes	33,25,080	43,68,445	14,38,335
(6) Disputes regarding wheel tax	1,67,91,080	50,01,559	8,92,790
(7) Bills issued at the fag end of the year	48,57,828	64,47,821	53,84,025
(8) Arrears of taxes carried forward from the records of the defunct local bodies	..	55,559	1,91,191
TOTAL	7,66,85,725	3,77,32,110	1,80,07,594

- (1) The Railways have made on account payment of Rs. 11.70 Lacs. during 1974-75. The question of assessment of Railway properties for the quin quennium 1st April 1964 to 31st March 1969 and for the subsequent quin quennium is still pending with the Railway Authorities.
- (2) The payments are made when funds are available.
- (3) The matter is pending before the Court.
- (4) Complaints are pending and the payments can be demanded after disposal of complaints against Rateable values.
- (5) The matter is under correspondence.
- (6) The matter is under correspondence.
- (7) The recovery is in progress.
- (8) Most of the properties no longer exist nor the owners are traceable.

Cinema Theatres :-

	Class I	Class II	Total
City	50	17	67
Suburbs	26	8	34
Extended Suburbs	12	4	16
Total	88	29	117

Collection of Theatre Tax :-

	1973-74	1974-75
City	8,96,428	8,88,645
Suburbs	3,70,950	4,20,594
Extended Suburbs	2,01,682	2,09,475
Total	14,69,060	15,18,714

Tax Collected on Race Horses:-

	1973-74	1974-75
No. of horses taxed	3,290	3,211
Tax collected	Rs. 8,784	Rs. 8,573

APPENDIX 'A'

Classification of properties according to Rateable Values

Rateable Value.	Number of Properties		
	City	Suburbs	Extended Suburbs
Below Rs. 200	36,282	24,084	13,512
Between Rs. 201 and 300	3,521	9,539	5 01
Between Rs. 301 and 400	3,405	7,847	4,057
Between Rs. 401 and 500	3,038	5,825	3,100
Between Rs. 501 and 750	4,166	6,962	4,013
Between Rs. 751 and 1,000	3,550	5,712	3,107
Between Rs. 1,001 and 1,500	4,239	5,679	3,830
Between Rs. 1,501 and 2,000	4,276	4,388	3,036
Between Rs. 2,001 and 5,000	9,507	6,440	3,823
Between Rs. 5,001 and 10,000	6,909	4,426	2,208
Between Rs. 10,001 and 20,000	4,128	4,055	1,069
Between Rs. 20,001 and 30,000	1,437	1,522	666
Between Rs. 30,001 and 40,000	803	607	415
Between Rs. 40,001 and 50,000	577	476	250
Between Rs. 50,001 and 1,00,000	806	336	168
Between Rs. 1,00,001 and 1,50,000	496	94	82
Between Rs. 1,50,001 and 2,00,000	375	37	18
Between Rs. 2,00,001 and 2,50,000	135	15	11
Between Rs. 2,50,001 and 3,00,000	112	11	2
Between Rs. 3,00,001 and 3,50,000	94	7	3
Rs. 3,50,001 and above	97	20	2
TOTAL	87,953	88,082	48,563

APPENDIX 'B'

Vehicles and Animals taxed during the year 1974-75.

Vehicles or Animals	Number.
Motor Cycle Solo	21,027
Motor cycles with side-cars	398
Trade certificates	21
Motor Lorries	11,301
Delivery Van	4,614
Trailer	280
Tanker	94
Cranes	126
Motor-Tractor	101
Motor cars	68,405
Taxis	15,179
Passanger Buses	604
Ambulance	43
Others	5
Four-wheeled vehicles drawn by animals	197
Two-wheeled vehicles drawn by animals	489
Handcarts	16,093
Horses	39
Ponies	28
Bullocks	357
TOTAL	1,39,401

APPENDIX 'C'

Vehicles and animals taxed under the Public Conveyance Act, during the year 1974-75

Hack Victorias (including 2 horses for each)	...	...	...	...	428
Labour carts (with pair of bullocks for each)	...	...	...	...	526
Hand-carts	...	...	...	...	10,064
				TOTAL	11,018

WATER SUPPLY PROJECT DIVISION

The Water Supply Project Division of the Water Supply and Sewerage Department carried out various works during the year pertaining to (i) Vaitarna-cum-Tansa Scheme, (ii) Master Plan, (iii) Ulhas River Scheme, (iv) Upper Vaitarna Scheme, (v) Integrated Bhatsai 'S' Scheme, (vi) Miscellaneous Schemes. The expenditure on all these works during the year under review is as follows :—

	Rs.
(i) Vaitarna-cum-Tansa Scheme	.. 4,097.00
(ii) Master Plan	.. 1,81,589.00
(iii) Ulhas River Scheme	.. 9,447.00
(iv) Upper Vaitarna Scheme	.. 16,57,542.00
(v) Integrated Bhatsai 'S' Scheme	.. 2,40,07,923.00
(vi) Miscellaneous Schemes	.. ..

The expenditure incurred on Schemes (i) to (iv) mostly pertained to land acquisition claims. The main activity of the Department was the project works included in the Master Development Plan for Water Supply. Tenders for most of the major works connected with this scheme were invited, received, scrutinised and awarded during the year. As many as 40 tenders were awarded during the year. The most outstanding of them consisted of civil works for the pumping stations at Pise, Panjrapur and Bhandup, supply and installation of pumping equipment at Pise, Panjrapur and Bhandup, supply and installation of Treatment Plant equipments at Panjrapur and Bhandup, construction of filters at Bhandup, construction of Master Balancing Reservoir at Bhandup, construction of service reservoirs at Malad, Veravali-II & Veravali-III and Raoli, together with major outlet mains from some of these reservoirs.

The following major works were in progress :—

- (1) Laying 1350 > 900 mm. Mulund Outlet main upto L. S. Marg.
- (2) Construction of Bhandup Balancing Reservoir, embankment for pipelines and roads in Bhandup Complex.
- (3) Laying 1800 mm. dia. pipeline from Dharavi to Dr. E. Moses Road.
- (4) Construction of 2 steel tanks at Raoli.
- (5) Construction of Veravali Low Level Reservoir No. II and Staff Quarters.
- (6) Construction of Malad Hill Reservoir, Staff Quarters, Compound Wall etc.

Senior Engineers were trained in PERT/CPM technique during the year. Procedures for Project monitoring of the works were laid down and organisation for this work was set up in consultation with Tata Consulting Services and Tata Consulting Engineers.

A refresher course in Structural Engineering for the Officers at the level of Sub-Engineers and Asstt. Engineers attached to Planning and Design Unit at Powai was also conducted through the Professors of I. I. T. Powai.

If the previous year was a break-through year for the planning and design of works under the Master Development Plan for water supply to Greater Bombay, the year under report could be justifiably termed as the year of take off in the implementation of the Bhatsai 'S' Scheme Works.

T. M. KANDAWALLA,
Project Engineer,
(Water Supply).

WATER SUPPLY PROJECT DIVISION

Shri V. D. Desai, B.E. (Civil), M.E.(P.H.), F.I.E. (India) continued as Dy. Municipal Commissioner (Special Engineering) in charge of the Water Supply and Sewerage Department.

Shri T. M. Kandawalla, B.E. (Civil), F.I.E. (India) continued to hold the office of the Project Engineer (Water Supply) during the year.

The activities of the Department are grouped under the following heads :—

- I—Vaitarna-cum-Tansa Scheme
- II—Master Plan for distribution of Water Supply to Greater Bombay.
- III—Ulhas River Scheme.
- IV—Upper Vaitarna Scheme.
- V—Integrated Bhatsai ' S ' Scheme.

PART—I

Vaitarna-cum-Tansa Scheme

The various works under this scheme have been completed long back. Only some land acquisition matters remained to be finalised. Correspondence with Government Authorities for grant of the Government Land and Forest Land used for tunnels and other related works was in progress during the year.

PART—II

Master Plan for distribution of Water Supply to Greater Bombay

The 90 M.L.D. (20 m.g.d.) Vehar Treatment Plant was commissioned in March 1975 and performance test of the plant was in progress during the year.

Land acquisition matters connected with the service reservoirs, inlet and outlet mains to these service reservoirs and approach roads were dealt with during the year.

PART—III

Ulhas River Scheme

This scheme was executed as an emergency scheme during the period from October 1966 to May 1967.

Land acquisition matters connected with the scheme were in progress during the year. Part awards in respect of lands in villages Sonale, Lonad, in Bhiwandi Tahsil of Thana District and of the village Wadavali in Kalyan Tahsil of Thana district were declared by the Special Land Acquisition Officer (Upper Vaitarna).

Correspondence with the Special Land Acquisition Officer for expediting the remaining awards was in progress. Similarly, correspondence for grant of Government and Forest lands measuring 59589 sq. metres used for various parts of the work viz. pump house, filtration, pipeline and approach road, etc. was in progress with the Government (Revenue) and Forest Authorities.

PART—IV

Upper Vaitarna Scheme

All the works connected with this scheme have been completed. Treatment works which were earlier proposed under this scheme and which had to be postponed due to paucity of funds have now been included under the Integrated Water Supply and Sewerage Scheme. Out of 6 service reservoirs contemplated under this scheme, only 2 viz. at Bhandup and Borivali could be completed under this scheme. The four remaining reservoirs had to be deferred due to paucity of Funds. These are now included under the Integrated Water Supply and Sewerage Scheme. The capacities of these four reservoirs have also been revised taking into account the additional supply to be available from Bhatsai ' S ' Scheme.

Various land acquisition matters are yet to be finalised by the Special Land Acquisition Officer (7), Bombay Suburban District and Special Land Acquisition Officer (Upper Vaitarna) Thana, in Suburbs and Thana District respectively.

Correspondence with Revenue and Forest Department, Urban Development, Public Health and Housing Department and other undertakings of the Government of Maharashtra, correspondence with the Central Government and with Maharashtra Industrial Development Corporation for grant of Government, Forest, Milk Scheme and Maharashtra Industrial Development Corporation lands required for laying water mains, etc., was in progress.

Two more proposals for acquisition of lands required for approach road to Malad Hill Reservoir were forwarded to the Addl. Collector, B.S.D. during this year.

PART—V

INTEGRATED BHATSAL 'S' SCHEME

(A) Planning and Design Section :

A comprehensive Development Plan for Water Supply to Greater Bombay has been prepared in consultation with Messrs. Binnie & Partners (India) Ltd., London and is taken up for implementation with the assistance of the International Development Association of the World Bank. The Development Plan for Water Supply includes the development of an additional source of water supply from Bhatsai River. In the first stage, a supply of (100 m.g.d.) 455 mld. will be available for water supply and 227.5 mld. (50 mgd) for irrigation, while in the second and ultimate stage a water supply of 1365 mld. (300 mgd.) will be available. It is also proposed to provide full treatment to the water supply from Tansa, Vaitarna and Bhatsai. Simultaneously, the distribution and zoning system will be improved and leakages reduced to the minimum practicable.

The main components of the scheme will be as under :—

- (a) A weir across Bhatsai River at Pise, just upstream of its confluence with Kalu.
- (b) An intake channel leading to the intake pumping station at Pise on the right bank of the river.
- (c) A pre-treatment plant at Panjrapur in between Pise and Yewai along with a pumping station.
- (d) A 2235 mm. (88") dia. welded steel rising main 9 kms. long laid underground except for the length laid above ground on the bridge over Amne Nalla.
- (e) Control Valve Complex at Agra Road Yard a short distance upstream of Yewai on the trunk mains.
- (f) A new tunnel, 5 metres dia. to carry water from the trunk mains to the Bhandup Treatment Works and new mains to reinforce the existing East-West tunnel system.
- (g) Treatment works of 1908 mgld (420 mgd.) capacity for all the water received from all the main land sources viz. Tansa, Vaitarna, Upper Vaitarna and Bhatsai. The works will be sited at Bhandup on the shores of Vehar Lake.
- (h) Treated Water Pumping Station with an inlet water main to the Master Balancing Reservoir and mains for carrying raw water from East-West tunnel to the Bhandup Complex and treated water from Bhandup Complex to the East West tunnel.
- (i) Construction of 12 new service reservoirs of a total capacity 377 ml. (83 mg.) and laying of inlet and outlet mains to and from reservoirs.
- (j) Providing instrumentation for automatic recording and collection of information in connection with the control and management of the watersupply operations.

The Bhatsai 1st stage water will be available in June 1977. For completing the Scheme and to make use of the above supply in time, various works will be carried out to a definite time schedule.

An independent Design and Planning Organisation established under the Dy. Project Engineer (Water Supply) (Planning and Design) at Powai, since January 1972 continued to function during the year under review.

The details of the major works handled during the year under review are as under :—

(I) PISE COMPLEX

(1) Construction of Pise Weir (Item No. 15A).

The Central Water, Power and Research Station to whom the work of model studies in connection with this work has been entrusted continued with the work throughout the year and has completed the studies regarding stage discharge relationship, energy dissipation works, improvement of flood banks, sediment transport during floods and study of vortex formation in the pumpsump of the Pise Pumping Station. Their final report is still awaited.

(2) Pipelaying between Pise and Yewai—Agra Road Valve complex and duplication of valves on Upper Vaitarna Pipeline (Item Nos. 54, 58, 58A).

Plans and revised block estimates amounting to Rs. 5,45,37,000 were approved by the Standing Committee and the Corporation. Tenders were invited and were received on 21st March 1975. They are under scrutiny.

II—BHANDUP COMPLEX

(3) Bhandup Complex—Pipelaying between Bhandup and Maroshi (Stage II) Item No. 56.

Block estimates are under revision and the draft tenders for laying pipeline is nearing completion.

(4) Tunnel into and pipelaying in Bhandup Complex area (Item Nos. 55 and 57).

Tenders for these works were invited and they were received on 4th December 1974 and the works have been awarded to Messrs. Hindustan Construction Co. Ltd.

(5) Construction of Mulund Chlorination House (Item No. 186).

Detailed plans have been finalised. Block estimates and detailed estimates are under preparation.

DISTRIBUTION WORKS—ZONE I**(6) Driving a tunnel from Race course to Malabar Hill Reservoir (Item No. 73).**

The work of soil investigation is in progress through the agency of Messrs. Rodio Foundation Engineering Ltd., and Messrs. Hazarat & Co.

(7) Laying 1500 mm. dia. main from Sewri to Bhandarwada Hill Reservoir (Item No. 74).

Tenders for this work were invited, received and recommended. The final proposal is before the Standing Committee.

(8) Construction of Steel Tanks—Capacity 22.73 ml. (5 mg.) (Item No. 157).

Tenders for this work were received and awarded to Messrs. Universal Construction Corporation.

(9) Raoli Hill Underground Reservoir (Item Nos. 158-159).

The first stage of sub-soil investigation has been completed by Messrs. Cementation Co. under the supervision of our consultant Shri K. R. Datye and the draft tender for the second stage investigation is under preparation.

(10) Construction of Fosbery Hill Reservoir (Item No. 172).

Sub-soil investigations have been carried out through the agency of Messrs. Rodio Foundation Engineering Ltd. and Messrs. Hazarat and Co. and have been completed.

ZONE—II**(11) Pali Hill Reservoir-Laying 750 mm. dia. main from Vaitarna main at Bandra East to Pali Hill Reservoir (Item No. 81).**

Tenders have been invited and are due on 14th May 1975.

(12) Construction of Veravali Hill Low Level Reservoir II Capacity 40.9 ml. (9 mg.) and construction of staff quarters (Item Nos. 152 and 154).

This work has now been awarded to Messrs. Kusumkant & Co. and the work is in progress.

(13) Construction of Veravali Reservoir No. III.

This work has been awarded to Messrs. Golani and Co. and is in progress.

(14) Laying outlet from Veravali Reservoir and control room (Item Nos. 92, 96 to 101, 122).

This work has been awarded to Messrs. S. V. Shah and the same is in progress.

(15) 1200 mm. dia. combined Malad West and Goregaon West main reservoir to S. V. Road (Item No. 102.)

This work has been awarded to The New Great Construction Co. and is in progress.

ZONE—III**(16) Trombay Hill Reservoir (Item No. 162). Construction of Staff quarters (Item No. 163). Construction of access road to Trombay Reservoir (Item No. 243).**

Tenders for these works have been received and are under scrutiny.

(17) Laying 1800 mm. dia. main from Chembur to Reservoir and Diamond Garden outlet (Item Nos. 80 & 121).

The work has been awarded to Messrs. Union Construction Co. and is in progress.

(18) Construction of Powal High Level Reservoir (Item No. 140).

Plans and estimates have been approved by the Standing Committee and the Corporation.

(19) Laying of Fowai Inlet and Outlet mains (Item Nos. 87 and 88).

The work has been awarded to Messrs. Desai Lallubhai and Co. and is in progress.

Block estimates for 9 works, revision of estimates for 8 works, and estimates for 8 works were prepared during the year under report. Draft tenders for 19 works were prepared. Tenders were received, recommended and draft contracts were prepared in 24 works during the year.

(B) Planning and Design works under Messrs. Binnie and Partners (India) Ltd.

Under S.C.R. No. 285 dated 3rd June 1972, Messrs. Binnie and Partners (India) Ltd. have been appointed as Consultants for the work of design and supervision of the following works at a fee of Rs. 1,41,83,000.

- (A) An intake and a raw water pumping station on the right bank of the Bhatsai River near village Pise comprising of an intake channel, forebay, pump sump and pumping station complete with all plant, equipment, workshop instruments, etc.
- (B) Water treatment works at Bhandup adjoining the north end of Vehar Lake.
- (C) Treated water pumping station adjoining the Bhandup water treatment works comprising a pump sump and pumping station complete with all plant and equipment, workshop instruments, etc.
- (D) Control Valve Complex to be sited at Agra Road Yard on the existing gravity pipeline from Vaitarna and Tansa.
- (E) Construction of pumping station and primary water treatment works at Panjrapur.

The progress of the works entrusted to the consultants, Messrs Binnie and Partners (India) Ltd., during the year under report is as under :—

Pumping and electrical works :—

The consultants submitted the revised estimates and programme of pumping and electrical works in June 1974. Block estimates for the pumping and electrical works were prepared and submitted to the Standing Committee and the Corporation in August 1974. Tenders for pumping plants at Pise, Panjrapur and Bhandup were floated in October 1974 and the contracts were awarded to the successful tenderers on 31st March 1975.

Tenders for electrical plants comprising electrical and sub-station equipment for Pise, Panjrapur and Bhandup pumping stations were invited on 1st November 1974 and received on 7th March 1975, and were under scrutiny.

Pilot Plant Studies :—

Some routine tests of raw Tansa and Vaitarna waters from the trunk mains at Agra Road and waters from Pise weir site were analysed during the year.

Treatment Plants at Panjrapur and Bhandup :—

Global tenders for the supply, delivery, erection and commissioning of equipment for the treatment plants at Panjrapur and Bhandup were invited during the year.

The work for Panjrapur treatment plant equipment was entrusted to Messrs. Paterson Candy (International) Ltd. under S.C.R. No. 3057 dated 9th January 1975 at a cost of Rs. 80.63 lakhs.

The tenders for filtration plant equipment and settling tank equipment at Bhandup were invited and were before the Standing Committee for acceptance.

Three indigenous tenders for civil works were invited, received and awarded as follows :—

(a) Construction of Treatment Plant at Panjrapur :—

This work was awarded to Messrs. Bhandari Builders Pvt. Ltd. under S.C.R. No. 4175 dated 27th March 1975 at a cost of Rs. 265.70 lakhs.

(b) Construction of pumping station and Intake Channel at Pise :—

This work was awarded to Messrs. L. R. Chawla and Co. vide S.C.R. No. 3967 dated 12th March 1975 at a cost of Rs. 117.36 lakhs.

(c) Construction of Pumping Station and Chlorine Contact Tank at Bhandup :—

This work was awarded to Messrs. Shah Construction Co. Ltd. vide S.C.R. No. 4216 dated 27th March 1975 at a cost of Rs. 432.02 lakhs.

(C) COMPLETED WORKS

- (1) Survey and investigations—Additional survey for a bund in connection with weir near Vasundri Village was done as required by Central Water and Power Research Station, Khadakvasla. Survey for 3 kms. upstream side of weir on right bank was completed and work for taking trial bores for site investigations at the site of bund at Vasundri was completed. Model studies for Pise weir, intake channel and pump sump by Central Water and Power Research Station were also nearly completed. Rain gauging and gauging of Bhatsai river at the proposed weir site was done.
- (2) Construction of staff quarters at Pise.
- (3) Construction of Pise-Sawad road including laying 200 mm. dia. M. S. pipeline.
- (4) Construction of Sawad-Yewai road including laying 200 mm. dia. M. S. pipeline.
- (5) Supplying, erecting and commissioning 4500 litres per hour capacity pressure filter plant for staff quarters at Pise.
- (6) Exploratory bore drilling for locating quarry in the Bhandup Complex.
- (7) Driving bore holes for exploration of foundations at the foot of the hill for construction of Raoli low Level reservoir.
- (8) Taking trial bores near Cotton Green Railway Station for the proposed service reservoir.
- (9) Laying 1800 mm. > 1500 mm. dia. inlet main to Malad Hill Reservoir.

(D) WORKS IN PROGRESS

The major project works which were in progress during the year under review were as follows :—

- (1) Laying 1350 mm. > 900 mm. dia. Mulund outlet main to Lal Bahadur Shastri Marg—Date of starting: 2nd January 1975.
- (2) Pipelaying and site formation from Bhandup to Maroshi—Date of starting: 23rd December 1974.
- (3) Construction of Master Balancing Reservoir, embankment for pipeline and roads in Bhandup Complex—Date of starting: 3rd December 1974.
- (4) Construction of staff quarters at Bhandup—Date of starting: 15th April 1974.
- (5) Laying 1800 mm. dia. pipeline from Dharavi to Tilak Bridge along Senapati Bapat Marg—Date of starting: 11th March 1974.
- (6) Laying 1800 mm. dia. main from Tilak Bridge to Kakasaheb Gadgil Marg—Date of starting: 4th March 1974.
- (7) Laying 1800 mm. dia. main from Kakasaheb Gadgil Marg to Dr. E. Moses Road—Date of starting: 5th October 1972.
- (8) Construction of two steel tanks at Raoli—Date of starting: 31st January 1975.
- (9) Construction of Veravali Low Level Reservoir II and staff quarters—Date of starting: 27th January 1975.
- (10) Construction of Malad Hill Reservoir, staff quarters, compound wall, etc.—Date of starting: 23rd November 1974.
- (11) Laying 1200 mm. dia. combined Malad West and Goregaon West and 1200 mm. dia. Malad East Main—Date of starting: 10th March 1975.
- (12) Laying 1800 mm. dia. inlet main to Trombay from Ghatkopar to Chembur—Date of starting: 13th December 1971.

Besides the above works, the work of fabrication of M. S. pipes and specials for Stage I covering above 28,000 tonnes at a cost of Rs. 149 lakhs has been awarded to Messrs. Industrial Fabricators and they have started the work on 13th August 1974.

Land Acquisition :—

The Special Land Acquisition Officer (Upper Vaitarna Scheme) Thana, declared awards in respect of lands in villages Vasundri and Yewai in Thana district and part awards in villages Bhawala and Lonad.

Four more proposals for acquisition of lands in connection with submerged portion, construction of bund, pre-treatment plant, etc. in villages Vasundri, Lonad and Yewai of Thana District were sent to Government (Additional Collector, Thana). Similarly, one proposal was forwarded to Additional Collector, Bombay Sub. District during the year 1974-75.

Negotiations for purchase of land measuring 46 acres at Yewai (Thana District) for pre-treatment plant were initiated during the year.

Correspondence to grant Government land measuring 150.42 hectares out of Vehar Catchment area for Bhandup Complex was carried out during the year.

T. M. KANDAWALLA,
Project Engineer,
(Water Supply).

CITY ENGINEER'S DEPARTMENT.

Summary of the Administration Report of City Engineer's Department for the year 1974-75 giving Important Statistical information.

I.—(a) Expenditure :—

	Rs.
(a) Expenditure Incurred on execution of works from Loan Works Budget	12,26,40,231
(b) Expenditure incurred on execution of works for maintenance of properties etc. from Revenue Budget	.. 4,25,92,668
(c) Expenditure on establishment	.. 12,20,31,539
(d) Expenditure on other heads :—	
(i) From Loan Works Budget	.. -68,40,861
(ii) From Revenue Budget	.. 3,95,57,221

(b) Revenue :—

Revenue earned by the Department during the year 1974-75	.. 3,44,16,988
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II.— Achievements :—

		Building Construction Section	
		No. of works completed	No. of works in progress
(a)	Housing (No. of tenements) ...	.. 484	1562
(b)	School buildings ..	.. 10	17
(c)	Markets	.. 2	3
(d)	Hospitals, Maternity Homes and Dispensaries	.. 10	11
(e)	Other building works	.. 10	17
		Road Construction Section	
		No. of works Completed	No. of works in progress
(a)	Road surfacing in Asphalt concrete	.. 9	22
(b)	Road surfacing in cement concrete	.. 2	3
(c)	New roads including S. W. Drains	.. 25	31
(d)	Road widening	.. 11	12
(e)	Any other works	.. 4	6
		Private Building Construction Section	
		Under Section 337	Under Section 342
(1)	No. of new building proposals received	.. 2377	1384
(2)	No. of building proposals passed	.. 2183	672
(3)	No. of building proposals for non-residential buildings received	.. 1553	
		No. of bldgs.	No. of tenements
(4)	No. of Residential buildings constructed by—		
	(a) Private parties	.. 779	9763
	(b) Co-operative Societies	.. 355	5503
	(c) Employers for their employees	.. 42	801
(5)	No. of non-residential buildings constructed by during the year	.. 569	

SLUM IMPROVEMENTS SECTION

Various works such as provision of sanitary blocks, washing places, passages, lights, water-mains etc. were either carried out or in progress in 65 colonies of Slum Dwellers covering a population of 2,25,000 for improving the living conditions thereat.

SLUM CLEARANCE SECTION

(i) No. of slums cleared and Development completed so far	..	24
(ii) No. of slums under clearance and redevelopment in stages as on 31-3-1975	..	3

Tenements under Government of India subsidised Slum Clearance Scheme

(a) No. of tenements completed upto 31st March 1975	..	290
(b) No. of new tenements started during the year	..	120
(c) No. of tenements in progress during the year	..	120

ASPHALT PLANT AND CRUSHERS

(i) Area of foot paths and roads asphalted (Sq.M.)	..	1,62,261
(ii) Area of roads and foot paths repaired and renewed (exclusive of pot-holes and trenches) (Sq.M.)	..	1,62,231
(iii) The total out put crushers (brass metal)	..	2,974

PUBLIC STREET LIGHTING

22,894 electric lamps, there were policeman's pot lights (32 lamps) along the foot over bridges at Chowpatty, Marine lines, Charni Road, Churchgate, Byculla and Dadar Station were maintained by this department.

MECHANICAL BRANCH

(1) No. of jobs attended by Municipal workshop	..	1,895
(2) No. of jobs attendvd by Municipal foundary	..	197
(3) No. of out-door jobs executed by Design Section	..	871
(4) No. of Medical institutions of the Corporation to whom washing services were rendered by Municipal Power Laundry	..	44
(a) No. of linen of 44 Institutions washed by Laundry	..	51,83,674

ELECTRICAL BRANCH

(i) Building Construction Section :—		
(a) No. of works completed by contract	..	41
(b) No. of works in progress by contract	..	61
(ii) Plant and Machinery Section :—		
(a) No. of jobs executed departmentally	..	705
(b) No. of jobs executed through contractor	..	99
(iii) Refrigeration Section :—		
(a) No. of works completed by contract	..	55
(b) No. of works in progress	..	13
(iv) Ward Maintenance Section :—		
(a) No. of jobs executed (by contractor)	..	114

TRANSPORT BRANCH

727 vehicles were used for rendering various services as detailed below :—		
(i) No. of V. I. P. cars, staff and cars and Committee cars	..	25
(ii) No. of vehicles for health services	..	105
(iii) No. of vehicles for Conservancy services	..	299
(iv) No. of vehicles for meat van services	..	57
(v) No. of vehicles for encroachment removal services	..	21
(vi) No. of vehicles for Administrative services	..	63
(vii) No. of vehicles for Miscellaneous Department services	..	61

CONSERVANCY BRANCH

	Tonnes
(a) No. (in tonnes) refuse and other waste matter removed ..	8,19,941
(b) Total vehicles shifts employed for removal of refuse ..	1,70,356
(c) No. of public latrines maintained ..	1,109 Nos.
(d) Total No. of Urinal stalls maintained ..	1,323
(e) No. of welfare centres working for the benefit of Conservancy employees	24

ACQUISITION OF LAND

(a) Possession of properties obtained through the land Acquisition proceedings ..	23
(b) No. of properties acquired by negotiations ..	100
(c) Proceedings under Land Acquisition Act in respect of properties in progress ..	19
(d) Proceedings to acquire lands by negotiations in respect of properties, in progress ..	123

IMPLEMENTATION OF TOWN PLANNING SCHEME

(a) No. of plots taken by the Corporation ..	59
(b) No. of plots handed over to the owners ..	67
(c) Details of execution of T. P. Schemes.	

(Please see table below)

Nature of works	No. of works
(i) Building works ..	..
(ii) Road works ..	5
(iii) Any other works ..	9
Total ..	14

(d) Total expenditure incurred in T. P. Scheme works ..	65,57,699
(e) Amount of contribution charges collected ..	33,84,202

MAINTENANCE OF MUNICIPAL PROPERTIES, ROADS AND FOOT PATHS

(i) No. of Municipal buildings maintained ..	4,720
(ii) Total length of roads maintained ..	1,098.27 K.M.
(iii) No. of works carried out through Annual Petty works contractors ..	2,448

SUPERVISION OF PRIVATE BUILDINGS AND FACTORIES.

(i) No. of notices issued under different sections of Bombay Municipal Corporation Act in respect of private properties ..	6,630
(ii) No. of notices complied with ..	3,571
(iii) No. of notices pending ..	3,059
(iv) No. of unsafe buildings or portions thereof, removed by the Corporation under Section 489 of B. M. C. Act ..	441
(v) No. of authorities granted to the tenants under Section 499 of the B. M. C. Act ..	60
(vi) No. of tenants who took advantage of the authorities ..	564
(vii) No. of unauthorised structures in respect of which action was taken ..	14,980
(viii) No. of unauthorised structures removed by parties ..	894
(ix) No. of unauthorised structures removed by the Corporation ..	4,146

(x) No. of cases in which action was dropped	..	349
(xi) No. of new factory permits issued	..	1,773
(xii) No. of old factory permits renewed	..	3,627
(xiii) No. of prosecutions launched against factory owners	..	3,038
(xiv) No. of prosecution decided in favour of the Corporation	..	2,445
(xv) No. of prosecutions pending	..	979
(xvi) Amount of fine recovered	Rs.	1,29,121
(xvii) Total amount of revenue collected	Rs.	8,23,682
(xviii) Suggestions for remedying any deficiencies	..	..
(xix) Such other special information	..	..

CITY ENGINEER'S DEPARTMENT.

Shri J. R. Patwardhan, B. E. (Civil), M. E. (P. H.), F. I. E. continued to hold office of the City Engineer upto the end of the year except during leave period from 2-12-1974 to 31-1-1975 when Shri P. A. Umrigar, B. E. (Civil) held the post of City Engineer.

CITY SECTION.

Cattle Settlement Colony :

There are over 60,000 animals in authorised and unauthorised stables in Greater Bombay. These stables have become an eyesore as also a source of nuisance to the public. Besides, the land on which the stables are standing cannot be put to proper use as per development plan unless these stables are shifted elsewhere. It is, therefore, proposed to establish a new cattle settlement colony on a large piece of land admeasuring 613 acres proposed to be taken over at Dindoshi Village, Malad (East). The Corporation would provide necessary roads, water supply and drainage arrangement, electric supply etc. and develop suitable plots for being handed over to the cattle-Owners/stable owners on vacant land tenancy basis for constructing their own structure on the lines of standard plans prepared by the Corporation. The development cost of the project is estimated at over Rs. 16,63,96,000.00 or so and will provide accommodation for over 55,200 cattle heads with regular grazing ground etc. In the first phase only about 30 acres will be developed. The colony will also provide a cattle pond for the stray animals removed from the roads.

I—PLANNING BRANCH.

I—A' PLANNING 'Architecture and Bridges' :—

This branch headed by Dy. City Engineer (Planning and Design) is mainly concerned with the following activities :—

- (a) Preparing plans and estimates for Municipal buildings, bridges and sub-ways.
- (b) Invitation of tenders and awarding contracts for the above works.
- (c) Invitation of annual tenders and awarding contracts for
 - (i) Petty Works of repairs to Municipal Buildings in various wards.
 - (ii) Prepping work in respect of dangerous buildings in various wards and
 - (iii) Supply of drawing materials to various Municipal Departments.

The details of work carried out by the Architectural and Bridge Sections are as under :—

ARCHITECTURAL SECTION.

Particulars.	General Building Works in City	Housing in Greater Bombay.
1. Contract Plans.	10	1
2. Cloth Tracing.	9	..
3. Paper Tracing.	469	.44
4. Blue Print Copies.	9054	962
5. Block Estimates.	25	5
6. Total Amount of Block Estimates.	2,13,00,000	Rs. 50,00,000
7. Detailed Plans & estimates completed in all respects. (as shown below).	22	6
8. Total amount of detailed estimates.	2,72,00,000	Rs. 58,00,000
9. No. of contracts awarded.	41	3
10. Detailed estimates in hand.	28	7
11. Total approximate cost of detailed estimates in hand..	4,50,000,00	Rs. 90,00,000

Particulars of detailed plans and estimates completed in all respects referred to above.

Particulars.	No. of Estimates.	Estimated Cost.
(a) Schools (Permanent)	7	Rs. 1,30,00,000
(b) Schools (Temporary) .. .. .	..	..
(c) Centralised Ward Offices.	1	5,00,000
(d) Markets.	2	6,00,000
(e) Hospitals, Maternity Homes & Dispensaries.	4	60,00,000
(f) Miscellaneous.	8	71,00,000
Total,	22	2,72,00,000

BRIDGE SECTION.

The abstract of the work done during the year.

Particulars.	Details of plans and estimates prepared.
1. Contract Plans.	11
2. Cloth Tracing. .. .. .	..
3. Paper Tracing.	21
4. Blue Print Copies.	270
5. Block Estimates.	8
6. Total amount of Block Estimates.	92,90,000.00
7. Detailed plans and estimates completed in all respects.	5
8. Total amount of detailed estimates.	1,10,27,825.00
9. No. of works awarded to contractors.	3
10. No. of works entrusted to Railways.	4
11. Detailed estimates in hand. .. .. .	..
12. Total approximate cost of detailed estimates. .. .. .	..
13. Scrutiny of plans received from	
(a) Railways.	12
(b) Ward, Zonal Offices & Project (Sewerage).	9
(c) Private Parties.	6
14. Scrutiny of estimates received from railways.	4

I—(B) CIVIL DEFENCE CELL

Civil Defence Cell was created on 7th June 1971 to look after the Civil Defence measures in Municipal Corporation and to have a liaison with the Government and the State Controller of Civil Defence. In addition to the Civil Defence work, the Executive Engineer, Civil Defence is also entrusted with the following works :—

1. Vigilance in Electrical-Mechanical Section.
2. Setting up of VHF Radio Telephony network for Central Ambulance Service and Water Works Scheme.
3. Air Pollution survey in Greater Bombay.

Detailed report of the work done during the year under report is as follows :—

(A) Civil Defence :—

1. Preparation of civil defence paper plans.
 - (a) Paper plans completed 3 Nos.
 - (b) Paper plans under preparation and revision.. .. . 4 Nos.
 - (c) Area Planning of all the 18 wards.
2. Civil Defence Measures—Static Tanks.
 - (a) Underground static tanks constructed by B. & C. Department, Government and handed over to B. M. C. 51 Nos.
 - (b) Underground static tanks under construction. 11 Nos.
 - (c) Demolition of above-ground static tanks in progress. 16 Nos.

(B) Vigilance in Mechanical and Electrical Sections :

1. Nos. of sites and plants visited 117 Nos.
2. Total cost of works inspected. Rs. 20,56,000
3. No. of staff proposals attended... .. . 4 Nos.
4. No. of cases investigated 7 Nos.
5. No. of proposals and specifications of plants and machinery etc. verified and scrutinised. 53 Nos.

(C) Air Pollution :

1. No. of sites visited. 41 Nos.
2. No. of factories in which case measures are suggested 20 Nos.
3. No. of Technical Papers submitted. 1 No.
4. No. of other proposals scrutinized. 42 Nos.
5. No. of Technical Seminars attended. 3 Nos.

(D) VHF Radio Telephony System :

1. Nol. of V. H. F. Static sets installed. 5 Nos.
2. No. of special type of Ambulances pressed in service. 2 Nos.
3. No. of proposals under study for installation of static stations. 50 Nos.
4. No. of chasis being purchased for Ambulance. 4 Nos.

I—(C) REPAIRS BOARD CELL

Two Assistant Engineers with four sub-engineers were working in this cell under the guidance of the City Engineer.

This cell has been created in May, 1970 for doing such work as will help the members representing the Corporation on the Bombay Building Repairs and Reconstruction Board to play their roles effectively and also to collect such information as they may need for giving effect to the provisions of Bombay Municipal Corporation Act, concerning the repairs actions as enunciated under Section 58 of Bombay Building Repairs and Reconstruction Board Act, 1969.

The board features of the work done by the staff working in the Repairs Cell during the period under reference are as under :—

1. Preparation of Agenda Notes for Board's Meetings, Executive Meetings and Special Meetings held every month. (28 Nos.).

2. Scrutiny of the proposals under Section 33(3) of the Board's Act (132 Nos.) Scrutiny of the draft schemes submitted by the Repairs Board for Reconstruction of Buildings (31 Nos.).

3. Site inspection of the location of the buildings which were to be undertaken by the Bombay Building Repairs and Reconstruction Board for structural repairs (520 Nos.). The inspections were necessary to determine the admissibility of structural repairs to such buildings with reference to the D. P. Reservations, proposed regular lines of road, road widening schemes, etc.

4. Replies to interpellations, short notice questions and notices of motion by the members in the Corporation and in the different committee meetings, replies to Assembly starred questions referred to by the State Government etc., During this period 15 references were replied.

5. Comments on the proposals referred by Building Proposal section were given on the repairs to the cessed buildings for considering the permission for repairs, etc. (55 Nos.).

6. Sending copies of repairs works administratively approved by the Repairs Board in their monthly meetings to the respective City Ward Officers, and Dy. City Engineer Zone I for information and for taking steps in the cases of works under executions and to see that the works are carried out as per approved scheme.

7. Scrutiny of the proposals referred by the State Government for exemption from Repairs Cess under Section 28(m) conducting enquiries in respect of the same and submitting inspection reports with the findings of enquiries to the State Government. During the period (6) references were submitted to State Government comprising (6) buildings.

8. Scrutiny of integrated draft schemes (layout) submitted by Board for the development of the listed and declared slum areas. The plans submitted by the Board's Architects for the proposed layouts were scrutinized and comments given to the architects and the Board. 32 such schemes were considered.

9. Giving comments and replies to the references made by Dy. Secretary to Government U. D. P. H. and H. Department in respect of Draft Scheme etc. proposed by the Board as provided in Chapter VI of Bombay Building Repairs and Reconstruction Board Act, 1969.

I—(D) SLUM IMPROVEMENT CELL

The Corporation started its Slum Improvement Programme for the huts on Municipal Lands in 1969-70. In the 1st year, amenities were provided to about 500 hutments *ie.* a population of around 25,000 people. In the second year about 11,000 more huts covering a population of about 55,000 people were taken up under the Slum Improvement Programme. In 1972 Central Government offered grant assistance to the tune of Rs. 1.98 crores for the Slum Improvement Programme on Municipal lands under the 1972-73 programme. 63 colonies comprising about a total population of 2,50,000 people have been provided various civic amenities. The Corporation have provided 4,567 W.Cs., 1,836 water taps, 1,86,000 sq. mts. paved passages, 73, 600 metre long drains and about 1,000 street lights in these 63 colonies at a cost of about Rs. 1.98 crores. During the year 1974-75 this programme was taken over by Maharashtra Slum Improvement Board which came into existence from February 1974. They gave a grant of Rs. 1.47 crores to the Corporation for the Slum Improvement Programme for the 1974-75 programme. 65 more colonies comprising a population of about 1,39,000 people were being provided amenities under the 1974-75 programme. The works included in this programme are nearly completed. The Corporation would provide about 3,000 W.C., about 1,000 water taps, about 60,000 sq. mts. passages and about 20,000 M. drains under this programme for 1974-75.

One of the major difficulties faced in the speedy execution of the Slum Improvement Programme is the lack of sufficient open space in many of the colonies especially in the City and the unwillingness of the slum dwellers to shift for making room for locating these amenities. As far as possible the slum dwellers are persuaded to shift for making room to locate the amenities and action to demolish the hutments is taken as a last resort. As far as possible, efforts are made to give these hutment dwellers alternative accommodation in the nearby area.

The progress of the work done by this Cell so far is given in Appendix No. 1.

I—(E) SLUM CLEARANCE BRANCH.

1. This branch is mainly concerned with the following :—

1. Preliminary survey of slum areas, declaration of Slum areas as "Clearance Areas", making of clearance orders and "Compulsory Acquisition Orders" under provision of Section 354-R of the Bombay Municipal Corporation Act.

2. Acquisition of slum properties falling under clearance areas.
3. Formation of schemes for development of clearance areas with financial assistance from Government under the Government of India's S. C. Scheme.
4. Claiming financial assistance of Loan and Subsidy from Government and maintaining the record of the same.
5. Taking preliminary steps for declaring "Clearance Areas" under Section 354-R of the Bombay Municipal Corporation Act for enabling the B. B. R. and R. Board to carry out repairs and reconstruction scheme under the Board's Act.

A.—SLUMS ON PRIVATE LANDS

The Chief Executive Officer of the B. B. R. and R. Board has previously intimated the Board's intention to develop all the listed slum areas bearing No. 1 to 144 for which the Corporation had requested the Board to submit the priority list of the listed slums which the Board can develop during the next 3 years. Accordingly the B. B. R. and R. Board has submitted the 1st priority list of 20 listed slums which the Board can develop. The Board was also requested to submit the 2nd priority list for the remaining listed slum areas.

However, the Bombay Building Repairs and Reconstruction Board decided in their meeting held on 8-8-1974 to discontinue the schemes of preparation of layouts and its execution as it would involve requirements of large finance and adequate staff. Corporation is also not in a position to develop these slums on their own. The Corporation therefore vide their Resolution, No. 718, dated the 17th October 1974 accorded sanction to denotifying the slums from the purview of section 354-R of the B. M. C. Act so as to enable the aforesaid Board to carry out immediate repairs to delapidated and unsafe buildings or to undertake their reconstruction programme as per the relevant provision of the Board's Act.

List of such slums is shown below :—

List of "Clearance Areas" declared under Section 454-R of the B. M. C. Act but "Not acquired" by the Corporation and denotified vide Corporation Resolution No. 718, dated the 17th October 1974.

Serial No.	Slum No.	Name of the Area and Ward.
1	72	Papnus wadi at August Kranti Marg—D Ward.
2	Unlisted	Sarkari Tabela at J. S. S. Road, D Ward.
3	1 (part)	Koliwada Sector, A Colaba, A Ward.
4	79 (part)	Kamathipura Sector C-2, E Ward.
5	102	Teli Gully near Kalachowky, E Ward.
6	99	Bakriadda at N. M. Joshi Marg, E Ward.
7	139 (part)	Siddique Chawls at Bhawani Shankar Road, G/North Ward.
8	105	Old Kumbhar Chawls at Curry Road, Low Level F/South Ward.
9	113	Parel Village Acharya Donda Marg, F/South Ward.
10	30	Tadwadi at J. S. S. Road, C Ward.
11	103	Kardoli Chawls, at Sane Guruji Marg, F/South Ward.
12	21	Old Bengalipura Street, B Ward.
13	69	Manaji Rajuji Chawls at Tukaram Javji Road, D Ward.
14	86	Dagadi Chawls at More land junction of Md. Umar Rajab Road, E Ward.
15	8	Memonwada Road, Kambekar Street, Mandvi Division, B Ward.
16	10	Chinch Bunder Road, Jakeria Masjid Street, Old Nagpada, B Ward.

B.—SLUMS ON MUNICIPAL LANDS

The total No of slum areas so far acquired for development under Slum Clearance Scheme is 13 as shown below :—

List of Slums "declared under Section 354-R of the B. M. C. Act, and acquired" by the Corporation for the development under S. C. Scheme.

Serial No.	Slum No.	Name of the Area and Ward.
1	79 (part)	Kamathipura Sector K-1, E Ward.
2	"	Do. G-1, "
3	"	Do. M-1, "
4	"	Do. B-1, "
5	"	Do. B-2, "
6	"	Do. C-1, "
7	"	Do. D-1, "
8	"	Do. N-1, "
9	"	Do. G-2, "
10	78	Harvi Chawls, Tardeo, D Ward, Arthur Road.
11	76	Gora Gandhi and Ganjawalla Chawls at the junction of Bellasis Road, Low Level North and Arthur Road, Tardeo, D Ward.
12	Unlisted.	Sherichiwadi at Forjett Street, D Ward.
13	Unlisted.	Katch Karkhana Chawls at G. D. Ambekar Marg, F/South Ward.

Following works of construction of tenements under Slum clearance Scheme were under progress during the year.

1. 64 tenements at Bane Compound.
2. 120 tenements at Sion Village.

Some statistical information of Municipal Slums, tenements constructed under Government of India's subsidised schemes and financial assistances of Loan and Subsidy from Government is given in the following tables :—

C.—MUNICIPAL SLUMS.

No. of slums declared and Development Completed	.. ..	24
No. of slums under clearance and redevelopment in stages as on 31-3-1975		3

D.—TENEMENTS UNDER GOVERNMENT OF INDIA'S SUBSIDISED SLUM CLEARANCE SCHEME

No. of T/S. sanctioned till 31-3-1975	No. of T/s. completed during the year.	Total No. of T/s. completed upto 31-3-1975	No. of T/S. started during the year.
1	2	3	4
6098	230 (1) 230 T/s. Rawli (2) 60 T/s. B. G. line Mahalaxmi).	5480	(i) 120 (T/s. at Sion Village)
No. of T/s. in progress during the year	No. of T/s. not yet started	Remarks.	
5	6	7	
120	498	(1) The work of 32 tenements at Hains Road Patra Chawl is still held up because the site is encumbered with huts. (2) The Project of 100 tenements at Narial Wadi Mazgaon is dropped <i>vide</i> Government Resolution, No. SCS/2869/F of 11-3-1969.	

E.—FINANCIAL ASSISTANCE OF LOAN AND SUBSIDY RECEIVED FROM GOVERNMENT UNDER SUBSIDISED S. C. SCHEME.

	Rs.
LOAN	
Previously received upto 31-3-1974	.. 1,27,93,893
Received during the year	.. Nil
	<hr/> 1,27,93,893
SUBSIDY	
Previously received upto 31-3-1974	.. 1,52,65,905
Received during the year (<i>i. e.</i> upto 31-3-1975)	.. 9,19,300
	<hr/> 1,61,85,205
Total	.. 1,61,85,205

(F) The following statement shows the Nos. of various samples tested in the M. T. Laboratory, Worli during the year 1974-75 and the total cost thereof actually recovered on account of testing these Materials for Departmental Works, Government works and private works.

STATEMENT No. 1

Nos. of samples tested.

Particulars samples	No. of samples actually tested			Total No.
	Deptt. works	Govt. works	Private works	
Concrete	.. 1,921	2,568	2,981	7,470
Bricks	.. 787	101	10	898
Cement	.. 48	11	27	86
Miscellaneous (Aggregate sieve Analysis)	.. ..	13	..	13

STATEMENT No. 2

Cost recovered on account of testing.

Particulars of samples	Cost of testing actually recovered in Rs.			Total
	Deptt. works	Govt. works	Private works	
	Rs.	Rs.	Rs.	
Concrete	865	12,840	29,810	43,515
Bricks	7,870	1,010	100	8,980
Cement	970	1,055	2,295	4,320
Misc. test	..	280	..	280
Hire of Moulds	1,378	..	..	1,378
Grand Total	11,083	15,185	32,205	58,473

Cost of testing of concrete and cement samples tested free of cost, not recovered .. -11,800

II.—CONSTRUCTION BRANCH

II.—(A) Building Construction Branch Zone—I.

This branch supervises the work of building construction Zone I area after contracts are awarded by planning and Design Department.

A synopsis of the work done by this branch during the year is given below :—

Serial No.	Particulars	Completed works		Works in progress - Nos.	Estimated Cost Rs.
		Nos.	Actual Cost Rs.		
1	Housing	4	44,59,944	8	98,56,320
	(a) No. of works including pilefoundation works—				
	(b) No. of structures	11		14 Structure	
	(c) No. of tenements	394		666 Tenements	
2	Buildings other than Housing—				
	(a) School Buildings	5	32,88,055	2	22,26,358
	(b) Markets	1	2,30,496	1	8,32,941
	(c) Hospitals, Maternity Hmms and Dispensaries	5	57,55,370	6	94,46,770
	(d) Other Building works	6	26,95,422	7	48,86,588
	Total	21	1,64,29,287	24	2,72,48,977

APPENDIX No. 2, Shows the works completed and those in progress.

II.—(B) Road Construction Branch Zone I

This branch is incharge of—

(i) Preparing plans and estimates of resurfacing of existing roads, construction of new roads, widening of roads and improving private streets in City.

(ii) Invitation of tenders and awarding contracts of road works.

(iii) Supervision of road works.

(iv) Invitation of tenders for supply of road metal, quarry materials, bitumen, rubble filler powder, sand, transporting of bulk bitumen and awarding contracts for the same.

During this year 22 estimates for various works such as resurfacing roads with asphaltic concrete, construction of new roads and widening of roads were prepared.

18 contracts were awarded to the contractors for execution of the road works and 55 contracts awarded for supply of road metal, quarry materials, bitumen, rubble filler powder, coarse sand and for transporting of bulk bitumen.

Synopsis of the work done by this branch during the year is given below :—

Particulars	Completed works		Works in Progress	
	Nos.	Actual cost Rs.	Nos.	Estimated cost Rs.
(1) Road surfacing work in asphalt concrete	8	29,35,720	15	94,25,278
(2) Road surfacing work in cement concrete	1	71,907	2	3,99,639
(3) New Roads including S. W. Drains ..	2	6,86,151	10	64,91,080
(4) Road widening .. ..	..	..	6	46,13,254
(5) Any other work .. ..	..	..	3	22,96,560
Total ..	11	36,93,778	36	2,32,25,811

APPENDIX No. 3, Shows the works completed and those in progress.

III.—MAINTENANCE OF MUNICIPAL BUILDINGS AND ROADS

III.—(A) Municipal Buildings

The total number of Municipal Buildings in the City during the year ending 31st March 1975 was 3461 as detailed below :—

(a) Housing:	(i) Structures	2,420 Nos.
	(ii) Tenements	38,620 Nos.
(b) Other buildings		1,041 Nos.

The work of maintenance is classified under the major heads (1) Normal Repairs (2) Special Repairs and (3) New works. Normal Repairs include works of monsoon repairs. Special repairs cover the works which are likely to increase the life of buildigs or structures whereas the work of additions and alterations to the buildings as also those of providing additional amenities fall under the category of new works.

The repairs and maintenance works at the Municipal properties were carried out either departmentally or through annual petty work contractors.

The total expenditure incurred on the maintenance of Municipal properties was Rs. 1,80,36,646 out of which an amount of Rs. 1,09,63,179 was spent on normal maintenance and an amount of Rs. 70,73,467 was spent on new works and special repairs work. Works costing Rs. 50,84,559 were carried out Departmentally. Total number of works costing Rs. 88,06,461 executed through the petty works contractors was 559. The budget-wise break up of the total expenditure incurred on the maintenance of the Municipal properties is are under :—

	Expenditure on normal Maint	Expenditure on New works and special repairs	Total
	Rs.	Rs.	Rs.
Budget—A ..	61,06,946.00	28,40,734.00	89,47,680.00
Budget—B ..	45,66,756.00	27,84,947.00	73,51,703.00
Budget—E ..	2,89,477.00	14,47,786.00	17,37,263.00
Total ..	1,09,63,179.00	70,73,467.00	1,80,36,646.00

III.—(B) Roads and Footpaths

The total length of the roads in the City at the close of the year was 485.95 k.m. as detailed below :—

Serial No.	Type of Roads	K. M.
(1) Cement concrete .. ..	..	78.75
(2) Block Topped .. ..	..	400.66
(3) Sett. Paved .. ..	..	6.54
	Total ..	485.95

An amount of Rs. 1,07,65,154 was spent on repairs to roads including reinstatement of trenches during the year and 16,805 sq. metres of different types of road surface were improved departmentally at a total cost of Rs. 1,77,482 during the year as detailed below :—

Mode of improvements		Area in sq. mt.	Expenditure
			Rs.
(a)	Street asphalt	5675.00	1,62,244.00
(b)	Chip on asphalt roads	60698.00	5,03,175.00
(c)	Semi-grouting	4998.00	65,825.00
(d)	Asphalt concrete	2117.00	44,666.00
(e)	Surface dressing	16805.00	1,77,481.00
Total ..		50193.00	9,53,391.00

328 works costing Rs. 30,10,765.00 were executed through the Annual Petty Works Contractors.

As usual, an amount of Rs. 2,72,420 was paid to the Bombay Port Trust for cleaning and repairing the Port Trust Wharves and Roads.

III.—(C) Miscellaneous works in connection with Roads and Footpaths.

(a) *Street Name Boards* : The existing street name boards were repaired and maintained at a total cost of Rs. 32,272 and new boards were installed at a total cost of Rs. 56,227.

(b) *Maintenance of Public Monuments* : All the statues were periodically cleaned and maintained at a total cost of Rs. 24,303.00.

(c) *Widening of roads consequent upon the acquisition of setbacks* : The Cost of adding to roads the set-back land acquired in different parts of the City, amounted to Rs. 3,712.00 for 733 sq. metres added. The total amount of claims for compensation for set-back land settled during the year was Rs. 12,87,558.00,

(d) *Benches* : 353 benches on roads and foot-paths were maintained

(e) *Guard railing* : 14345 M. of guard railings were maintained during the year.

III.—(D) Road Rollers.

During the year there were 23 road rollers out of which 2 were petrol driven, 17 were diesel driven and 4 steam driven.

III.—(E) Permits.

(a) *Opening of roads and foot-paths*, During the year 3157 permits were issued for excavation in roads and foot-paths. The cost of reinstatement of disturbed surface was charged to the respective permit holders and the trenches were repaired at a total cost of Rs. 18,56,335.00. The total amount of road opening fees recovered was Rs. 21,483.00

(b) *Occupation of roads and foot-paths*, Action under Section 322 (b) of the B. M. C. Act was taken to prevent the unauthorised occupation of roads and footpaths by dumping building materials 214 notices were issued for contravening the provisions of the Act. Fees were also recovered for the use of roads for stacking materials and putting up scaffoldings. The total amount collected under this head was Rs. 95,668.00 from permit holders. In addition 690 permits were also issued for occupation of roads for erecting mandaps, placing chairs and benches etc. and the total amount realised therefrom was Rs. 14,008.

22 permissions for new bus shelters on roads and footpaths were granted.

III.—(F) Asphalt Plant and Crushers

Asphalt Plant

The Municipal hot-mix asphalt plant at Worli was in operation throughout the year except during monsoon from July 1974 to October 1974. The Pegson Plant mixer worked for taking out Asphalt chip mixture and cold mixed materials required to fill in the potholes in the City and Suburbs. The labourers for running the Asphalt Plant were engaged departmentally.

The hot mix plant worked for 197 days and remained closed for 168 days on account of rainy season, Sundays, Holidays and break downs of plant. The Pegson Plant worked for 95 days during rainy season.

A total area of 1,62,231 sq. metres of various roads and footpaths was repaired by various modes of treatment such as sheet asphalt, seal coat, grit coat, chip coat etc. at a total cost of Rs. 13,71,549 Appendix No. 4 shows the details of works carried out during the year.

The rates adopted for booking the expenditure for different modes of repairs were the same as those of the previous year.

The total turn out by the main and pegson plants was 1,10,00,910 kg. (82,74,710+27,26,200) as shown in details in Appendix No. 5.

(Road Materials Testing Laboratory)

The total number of tests conducted on road building materials to maintain quality control on Municipal Civil Engineering projects numbered 2082.

The testing conducted for outside parties fetched a revenue of Rs. 1,736.

Research on asphalt mix, at sites and in laboratory, continued for observing the behaviour of pavement at bus stops and curves.

Crushers at Worli.

There are four crushers and one granulator at Worli. On an average two crushers were working during the year 1974-75.

The work of crushing the rubble stones at both the crushers was done departmentally. The total output of the crushers during the year was 2974 brass metal. The value of stock at hand at the end of the year was Rs. 54,428.00 at Worli Crushers.

Appendix No. 6 shows the rubble crushed and metal production during the year 1974-75.

III.—(G) Public Street Lighting

The total number of electric street lamps at the end of the year was 22,894 giving an increase of 1574 over the last year's figure as shown below :—

	1973-74	1974-75	Increase
	21,347	22,894	1,547

The details of the different types of street lighting lamps, wattages varying from 60 watts T. F. (Tungston filament) to 1000 watts T. F. and from 80 watts H.P.M.V. (High pressure Mercury vapour) to 400 watts H.P.M.V. are given below :—

Description	T.F. Lamps	HPMV Lamps	Fluorescent-Lamps	T.D. Bollard	Total
Municipal	3274	4381	96	331	8082
All-in-Hire	Nil.	12871	1941	Nil.	14812
Total	3274	17252	2037	331	22894

Besides 22894 street lighting lamps, there were police-man's spot lights (32 lamps) along the foot-over-bridges at Chowpatty, Marine Lines, Charni Road, Churchgate Byculla and Dadar Stations.

(2) The following table shows the electric energy consumed during the year under report for maintenance of street lighting.

Description	Type of Lighting	Kilowatt KW	Kilowatt Hour KWH
Municipal	Electric	1140.501	410040
All-in-Hire	Do.	3812.98	1373093
	Total	4953.48	1783133

Additional expenditure was incurred on street lighting as under :—

(1) Erection of new street lamps	Rs.	2,26,557.00
(2) Improvement of street lighting	Rs.	70,628.00
Total	Rs.	2,97,185.00

Expenditure of Rs. 3,06,952.48 given as rebate to Bombay Port Trust authorities was incurred as usual on account of street lighting arrangement of 1036 lamps maintained by them on roads in their Docks, Bunder and cotton-Depots etc. by adjustment with the amount due from them to the Corporation in respect of general and property tax etc.

The following statues were flood lighted or illuminated throughout the year under report.

- (1) The statue of Sir Phirozshah Mehta at Bori-bunder.
- (2) Do. Shri Vithalbhai Patel at Chowpatty.
- (2) Do. Shri Lokmanya Tilak at Chowpatty.
- (4) Do. Dr. Babasaheb Ambedkar at Mayo Road.
- (5) Do. Swami Vivekanand at Gate-way of India.
- (6) Do. Senapati Bapat at Shivaji Park.
- (7) Do. Shri Ram Ganesh Gadkari at Shivaji Park.
- (8) Hutatma Smarak at Flora Fountain.

The work of maintenance of street lights and flood lights and illumination arrangement for statues in the City was carried out through the Bombay Electric Supply and Transport Undertaking.

1386 street lighting lamps were improved by converting the 200 watts. T. F. lamps to 80 watts mercury vapour lamps (HPMV) during the year under report.

The street lighting on 59 roads was improved by converting the lower wattage mercury vapour lamps to higher wattage mercury vapour lamps.

The street lights on 27 roads were improved by converting 4/40 watts or 3/80 watts fluorescen lamps to 250 watts mercury vapour lamps.

The street lights on 12 No. of roads were improved by converting 200 watts T. F. lamps to 3/80 watts or 4/40 watts flourscent lamps.

The street lighting at 15 road junctions was improved by providing additional and higher wattage mercury vapour lamps.

New street lights were provided on 21 roads in the City.

Street lights were provided on the passages in 10 hutment colonies on Municipal Lands.

Street lights were provided on 10 private passages or lanes under Section 63-K of the B. M. C. Act.

Temporary lighting arrangement was provided during the Ganpati Festival on Sea-shores at Mahim Creek, Shivaji Park, Prabhadevi, Haji Ali, Worli, Girgaum, Colaba and Cuffe Parade.

The temporary lighting arrangement was also provided at Gate-way of India on the New Year Eve for Public Safety.

The temporary special lighting arrangement with hologen lamps was provided to illuminate the pedestrian Zebra crossings (i) at Purandare Marg Opp. Wilson College, (ii) V. Savarkar Marg, Opp. Kismat Talkies, Prabhadevi and (iii) Tilak Bridge Dadar Opp Plaza Cinema during the year under report, through Messrs. Philips India Ltd. on experimental basis.

The new type (Acrulic sheet) plastic traffic directional (T. D.) bollards were installed at eight places on traffic islands and central dividers in the City during the year under report. These plastic T. D. Bollards (keep left bollards) were recently introduced to improve lighting on the roads in the City for catering fast moving traffic requirement.

Removal of vehicles.

Vehicles which were found under repairs or abandoned on public roads or foot-paths thereby causing obstruction to traffic and pedestrians were removed to Municipal Custody under Section 314 of the B. M. C. Act. During the year under report the total number of vehicles removed to Municipal Custody was 1493 out of which 1430 vehicles, retrieved by the parties, were released on payment of necessary charges. Steps were taken to auction the unclaimed 63 vehicles to recover the Municipal expenses.

III.—(H) TRAFFIC.

The work of constructing traffic islands, Central dividers and R. C. C. Railings was carried out on 50 roads at an approximate cost at Rs. 70,000.

Automatic traffic signals are installed at 2 locations (Appendix No. 7).

The names of roads on which regular lines were prescribed are shown in (Appendix No. 8).

Road markings were painted on all important roads in the City,

Foot-over-bridges—

(2) Two foot-over-bridges, one at Chowpatty Junction and another at New Marine Lines Station across Maharshi Karve Road were constructed during the year.

III.—(1) Improvement of Private Streets

(1) The private streets Section (City) was in charge of the Dy. City Engineer, Zone I, during the period under report.

(2) This section takes action under Section 305 of the Bombay Municipal Corporation Act, to improve the Private Streets.

(3) The list of private streets on which the work of improvement was completed during the year is given in Appendix No. 9.

(4) The action started last year under Section 305 of the Act for Improving the private Street at Bharda wadi between Shivdas Champani Road and Belvedar Road was in progress.

(5) No action under Section 305 of the Act was taken for any new private street during the period.

(6) Six appeals in cases relating to 1st Pasta Lane continued to be pending before the supreme court.

(7) New references under Section 503 of the B. M. C. Act were not filed before the Chief Judge of the Small-Causes Court, during the year under report.

(8) No occasion arose to declare the expenses incurred by the Corporation, as improvement expenses, under Section 494 of the Act.

(9) No private street was declared as 'Public' under Section 306 of the Act, during the period under report.

(10) Government passages were not taken over for the improvement and maintenance during the period.

IV—PRIVATE BUILDINGS CONSTRUCTION (CITY)

Building Proposals :—313 proposals under section 337 and 570 proposals under section 342 of Bombay Municipal Corporation Act for erection of new buildings and for additions and alterations to the existing buildings respectively were received during the year. The particulars are as under :—

Proposals received.		Total No. of proposals.	No. of proposals Passed.		Total No.
Section 337	Section 342.		Section 337.	Section 342.	
313	570	883	56	45	101
			Under Section 337	Under Section 342	Total
(1) Total No. of Building applications received.	..	313	570	883	
(2) Permits for construction of buildings issued.	..	56	45	101.	
(3) Completion certificates received during the year...		124	249	373	
(4) Total No. of buildings dealt with.	..	124	129	253	

New Buildings :—The position of residential buildings constructed by different agencies (other than Municipal) was as under :—

Agencies.	No. of Buildings.	No. of tenements.
(a) Private enterprises.	.. 70	840
(b) Co-operative societies.	.. 23	468
(c) Employers for their employees.	.. 8	164

The details of the tenements constructed by Private Parties are given in Appendix No. 10.

The number of proposals for non-residential buildings received during the year under report was 746. Total number of proposals disposed of during the year was 683. The No. of non-residential buildings constructed during the year was—152.

Details of the proposals received for layout, Amalgamation and sub-division in the city are given in the table below,—

Ward.	Proposals for					
	Layout		Amalgamation		Sub-division under Sec. 302	
	Received	Sanctioned.	Received.	Sanctioned.	Received.	Sanctioned.
1	2	3	4	5	6	7
A	..	..	3	3	..	..
B	..	..	..	..	..	..
C	..	..	2	2	..	..
D	..	..	2	2	2	2
E	..	..	..	..	..	..
F/S	..	..	..	..	..	..
F/N	..	..	..	..	..	..
G/S	1	1	2	2	3	3
G/N	5	5	5	5	4	4

The following statement shows the number of proposals received for the commencement certificates in respect of T. P. Schemes areas during the year 1974-75.

Serial No.	Wards.	Total No. of proposals received.	No. of proposals approved.
1	B	9	4
2	G/S	8	3
3	G/N	95	47

Building Collapse :—160 buildings or portions thereof collapsed during the year. 72 persons were injured and 29 were killed as a result of these collapses. The estimated damage to property was Rs. 11,08,650.

Actions under relevant sections of the Municipal Act :—4537 notices were issued during the year under different sections of the Municipal Act. 3153 Notices were complied with during the year and 2364 were still pending compliance at the close of the year.

Removal of unsafe building :—440 unsafe buildings or portions were removed departmentally under section 489 of the Act at a cost of Rs. 644612; out of which an amount of Rs.3746 was irrecoverable.

Authorities granted under section 499 of the Act :—40 authorities were granted under section 499 of the Act to carryout repairs to buildings. The No. of tenants who took advantage of the same was 524.

Unauthorised structures :—During the year 2245 unauthorised structures were detected in the City. In addition 762 cases of previous year were pending disposal. Unauthorised works in 230 cases were removed by parties themselves while in 1403 cases the unauthorised works were removed by the Corporation. In 111 cases actions were dropped, and 1070 cases were under action at the end of the year.

Complaints from the public :—In addition to 3394 complaints of the previous year pending disposal 31569 complaints were received from the public during the year. Out of these 30746 complaints were looked into and disposed of and action on 4217 complaints was in progress at the close of the year.

V.—FACTORY SECTION.

The following table shows the position of the factory section in the City :—

Serial No.	Particulars.	Nos.
a.	No. of applications received.	720
b.	No. of applications of previous year pending disposal.	87
c.	Total No. of applications (a+b).	807
d.	No. of applications disposed of.	677
e.	No. of applications undisposed of (c+d)	130
f.	No. of new permits issued.	722
g.	No. of old permits renewed.	2390
h.	No. of prosecutions launched.	584
i.	No. of prosecutions decided in favour of the Corporation...	506
j.	No. of prosecutions pending.	274
k.	Amount of fine recovered.	Rs. 21,826.00
l.	Total revenue collected.	Rs. 4,39,234.31
m.	No. of complaints received.	74

VI—MECHANICAL BRANCH.

Municipal Workshops.

Administrative Report for 1974-75.

During the year under review, the Municipal Workshops received 3421 fresh jobs. Total number of jobs completed including some pending jobs of previous year were 1895. The total expenditure on the departmental works amounted to Rs. 21,64,869. The upkeep and overhead charges amounted to Rs. 2,98,242. The expenditure on labour and stores worked out to 13.36%. The labour strength during the year was about 445. There were 295 working days during the year.

Machine shop :—The following works were either in progress or completed.

- (1) Repairs to the pumps of Purification works and pumping station.
- (2) Manufacturing of impellers, C. I. bushings, shafts of pumps, spindles, studs, brass bushes.
- (3) Complete overhauling of pumps and winches of drainage department and repairs to the steel furniture of hospitals and lawn mowers of Garden Department.
- (4) Help was given for repairs to the Compressors at Victoria Garden and for repairs of blowers, etc. at Chandanwadi Crematorium.
- (5) Major repairs jobs for the road roller section.

Boiler shop :—This section carried out various types of fabrication jobs for Municipal departments including fabrication of refuse bins and hand carts for conservancy department and children apparatus for Garden Department.

Carpentry shop :—This section manufactured different types of racks, notice boards, benches, hand carts, wooden keys, diving boards for swimming pools etc. It also carried out repairs to the furniture for various departments.

Foundry shop :—This section manufactured manhole covers and frames, besides special types of both ferrous and non-ferrous castings bearings flanges, couplings, housings and brackets of special type required by various departments. A detailed report is given separately.

Paint shop :—In the paint shop, besides day to day work of painting of name boards of various departments, the work of painting of vehicles, furniture, hand carts, refuse, bins, wheel barrows etc. was carried out.

The relations between management and labourers were co-ordinal. The management handled the labour problems, skillfully and efficiently.

MUNICIPAL FOUNDRY.

In the year 1974-75, 209 jobs were received from work-shops department for supplying different kinds of castings. 15 Nos. of work orders were also received from C. S. for supply of 1500 Nos. of C. I. manhole frames and covers complete and 10 work orders from other departments for supply of 80 Nos. of C.I. Manhole frames and covers and 3 work orders from C. S. for supplying 3000 Nos. of C. I. steps for manhole were completed.

Out of 209 jobs received during the year this section has completed 159 jobs and 38 jobs for the year 1973-74. We have supplied to C. S. and other departments 1580 Nos. of C. I. Manhole frames and covers and 2500 Nos. of C. I. steps against a guarantee of 600 Nos. of Manhole frames and covers per year.

The detailed total out put during the year 1974-75 under report alongwith revised rates is given in Appendix No. 11.

Many intricate castings (special type) ferrous and non-ferrous were manufactured such as reflex valve, pump, closed casings type impellers, housing, suction pipe, bend pipe etc.

The quality and soundness of product was upto the mark.

Our rates also compared most favourably with those in the market.

DESIGN SECTION.

Mechanical Design Section in the City carries out the work of preparing estimates for all types of works pertaining to the mechanical branch. This section also prepares drawings, blue prints and specifications for machinery, furniture and mechanical equipments for various other departments of the Corporation. The section invites tenders and sealed quotations for all types mechanical jobs such as repairing collapsible gates, rolling shutters, storage tanks, pumps, gymnasium and garden play apparatus, repairing and painting of wooden and steel furniture, repairing stair case, sterilizers, vent shafts flag poles, stand pipes, segrees, trolleys, wheel carts, hand carts central fencing, animal cages chimneys, cash boxes, safes, drill towers, mutton and beef stalls, steam boilers, steel cupboard, diving boards, tool boxes, etc. It also helps the other mechanical and electrical sister departments in carrying out their works.

The following important items were carried out during the year 1974-75.

(A) The following important works were executed during the year. 1974-75.

- (1) Various cash counters provided in the wards for D. A. W. & S.
- (2) Swivelling type refuse hand carts for H. S. Department.
- (3) Special type refuse hand cart for Market Department.

(4) Polishing wooden furniture and spray painting steel furniture.

(5) Dual desk and chair for E. O.

(6) Bottomless refuse dust-bins for H. S. Department.

(7) Tar Boilers for wards.

(B) Drawing, estimates and specifications were drawn for the following important works.

(1) T. W. Lab-counter for Vakil institute at C. V. C. T. K. E. M. Hospital, Parel.

(2) Design of furniture for Library hall for Vakil Institute at C. V. C. T. K. E. M. Hospital.

(3) Design for board-room table and chair for K. E.M. Hospital.

(4) T. W. Lab-Counters for L. T. M. G. Medical College New Building.

(5) Detailed design for wall-side Lab-counter etc. for C. V. C. T. IVth floor Laboratory at K. E. M. Hospital.

(6) T. W. furniture in the Lecture hall on 1st floor, 2nd floor and 3rd floor of L. T. M. G. Medical College New Building, Sion.

(7) T. W. Lab. counters for Kasturba Hospital.

(8) M. S. wheel Barrow for Garden Department.

(C) This year 20 tenders and 40 sealed quotations, 72 Nos. estimates, 28 Nos. specifications involving cost of Rs. 20,76,900 were submitted. 85 New drawings, 85 New tracings, 10 re-tracings and 10 sketches, were drawn. 2500 Nos. of blue print copies for tender, etc. were taken out.

(D) Following general repairs works were carried out during the year 1974-75.

(1) Collapsible gates.	155 Nos.
(2) Rolling shutters.	81 Nos.
(3) Main gates.	65 Nos.
(4) Storage Tanks.	320 Nos.
(5) Mutton and beef stalls.	30 Nos.
(6) Carpenter Jobs.	60 Nos.
(7) Other miscellaneous works carried out by Masons, Navghanies, Painter, etc.	45 Nos.
(8) Steel furniture jobs	115 Nos.

(E) Special works carried out during the year 1974-75.

(1) Renovation of the Colaba Purification Plant including that of replacement of aeration cones, the central fixed and revolving mechanism of the primary and secondary settlement tank, concreting the flooring of the sludge drying beds etc.

(2) Demolishing wooden and concrete structure of Old Garage at Agripada Garage.

(3) Fixing 12 Nos. of big wooden beams at Mahalaxmi siding and repairing, painting 24 Nos. of Iron door, etc.

(4) Fixing G. I. sheets to the counter big tables and 31 Nos. of Air regulators and G. I. pipe lines at B. Y. L. Nair Hospital Dental College.

(5) Fixing M. S. plates and M. S. Angles for platforms at Matunga Pumping Station and Wadala Pumping Station.

(6) Removing the broken chimney at Municipal Power Laundry, Sewree and fixing broken guy ropes to the chimney.

(7) Removing and fixing tree guards at Western Express Highway between Bandra and Andheri.

(8) Fixing M. S. bars to the window and removing wire nets of windows at B. Y. L. Nair Hospital, Dean (T) (W)

(9) Annual survey of boiler—2 Nos.

Total No. of jobs completed during the year 1974-75.—was 871.

Total estimated cost of works carried out amounted to Rs. 4,30,375.

MUNICIPAL POWER LAUNDRY.

The Laundry washed 51,83,674 linens of 44 medical institutions. The rate of washing was fixed at Rs. 25 per 100 pieces of linens for the period from March 1974 to August 1974 and at Rs. 30 per 100 pieces of linen for the period from September 1974 to February 1975.

VII—ELECTRICAL BRANCH.

The activities of the different sections of the Electrical Branch during the year under report were as under :—

(1) *Planning and Designing Section* :—This section deals with the preparation of estimates, invitation and recommendation of tenders, execution of contracts for major electrical works in the newly constructed and old Municipal Buildings, under the Loan Works programme in the City and Suburbs.

During the year some of the tenders were invited jointly with the Civil tenders for synchronisation of electrical and civil works.

In all 29 estimates amounting to Rs. 39,15,577 were prepared and 16 contracts amounting to Rs. 13,15,341 were awarded as detailed in *Appendix No. 12*.

(2) *Building Construction Section* :—This section supervises the execution of major works in the City and Suburbs for which contracts are awarded by the Planning and Design Section.

There were in all 15 contract works amounting to Rs. 7,24,057 completed and 24 works amounting to Rs. 9,80,981 in progress during the year as shown in *Appendix No. 13*.

(3) *Plant and Machinery Section* :—This section carries out repairs and maintenance of Electrical Machinery and Electrical works in the existing Municipal properties in the City.

There were 828 work orders received from the various departments for execution of electrical works, out of which 705 jobs amounting to Rs. 5,08,783 were carried out departmentally, 99 works were entrusted to Contractors, out of which 93 works amounting to Rs. 4,01,737 were completed and 6 works amounting to Rs. 31,042 were in progress; 56 estimates amounting to Rs. 39,37,042 were prepared during the year as shown in the *Appendix No. 14*.

(4) *Ward Maintenance Section* :—This section carried out electrical works in the existing Municipal Properties in the City other than those looked after by the Plant & Machinery Section.

There were 188 estimates amounting to Rs. 53,99,133 prepared and works of electrification, providing pumping sets, starters, etc. providing electric fans and fittings and providing sound system etc. amounting to Rs. 7,43,218 were executed by awarding contracts; as detailed in *Appendix No. 15*.

(5) *Refrigeration Section* :—This section is entrusted with the preparation of estimates, invitation and recommendation of quotations and tenders, execution of contracts and supervision of contracts in respect of works for purchase and installation of Air Conditioning and Refrigeration machinery under the Loan Works Programme as well as under the Revenue Budget for City and Suburbs. Moreover, the works pertaining to repairs, maintenance and servicing of existing air conditioning and refrigeration machinery in the City, Suburbs and Extended Suburbs is also looked after by this section. The work of repairs/Maintenance are carried out through private agencies by inviting quotations and by entering into service contracts. A beginning was however made from this year to attend to the works of servicing and maintenance of the equipments located at major Municipal Establishments, departmentally.

The types of equipments looked after by this section are (i) Central Air Conditioning Plants, (ii) Packaged Air Conditioning Plants (iii) Window Model A. C. Units (iv) Cold storage plants (v) Mortuary Plants (vi) Walk-in-Coolers (vii) Deep Freezers, (viii) X-Ray Developing Tanks (ix) Water Coolers. (x) Refrigerators. The equipments are installed mainly in the Hospitals, Maternity Homes, Dispensaries, Auditoriums, Administrative Officers, Markets, Schools etc.

There were 28 estimates amounting to Rs. 56,00,829 prepared and 51 contracts amounting to Rs. 26,34,252 awarded. There were in all 45 contract works amounting to Rs. 6,44,453 completed and 10 works amounting to Rs. 11,52,565 in progress during the year, as shown in the *Appendix No. 16*.

VIII—TRANSPORT BRANCH.

The Transport Branch is entrusted with maintenance and operation of vehicles for all the Municipal Departments. There were 371 vehicles in the City fleet by the end of the year under report.

These vehicles were used for rendering various civic services as shown below :—

Name of the Services.	No. of vehicles.
(1) V. I. P. Cars, staff cars and Committee Cars.	25
(2) Health Services. :—	
(a) Ambulances/Hearses.	30
(b) Mobile Health Unit.	3
(c) Unicef vehicles.	6
(d) Blood bank.	2
(e) Pest control.	8
(f) Food sampling.	1
(g) Air Pollution.	1
(h) R. P. T. B. Hospital.	1
(i) Post Partum programme.	3

(3) Conservancy services —						
(a) Refuse removal.						
(i) Trucks.	..	..	..	..	..	37
(ii) Tractors.	..	..	..	..	..	10
(iii) Trailers.	..	..	..	..	..	50
(b) Cesspool Service.						
(i) Tractors.	..	..	..	..	..	8
(ii) Trailers.	..	..	..	..	..	9
(iii) Dog vans.	..	..	..	..	..	2
(4) Meat van service, —						
(a) Meat vans.	..	..	..	..	..	47
(b) Raid vans.	..	..	..	..	..	4
(c) Offals van.	..	..	..	..	..	7
(i) Tractors.	..	..	..	..	..	1
(5) Encroachment Removal :—						11
(6) Administrative service :—						
(a) Cash vans.	..	..	..	..	..	7
(b) A & C	..	..	..	..	..	10
(c) Despatch.	..	..	..	..	..	3
(d) M. S. Agenda.	..	..	..	..	..	5
(7) Miscellaneous Departmental service :—						
(a) Ward Trucks.	..	..	..	..	..	22
(b) School buses.	..	..	..	..	..	5
(c) Biscuit vans.	..	..	..	..	..	5
(d) P. R. O. vans.	..	..	..	..	..	1
(e) Traffic.	..	..	..	..	..	7
(f) Cattle vans.	..	..	..	..	..	3
(g) Asphalt trucks.	..	..	..	..	..	9
(i) Pumping Station Vehicles :—						
(ii) Tractors.	..	..	..	..	..	2
(iii) Trailers.	..	..	..	..	..	11
(j) Break down and Garage duty.	..	..	..	..	..	15

Working of garages :—

The overall efficiency of the fleet was maintained at 80% throughout the year.

IX—DEVELOPMENT BRANCH.

(1) During the year under report, one proposal was received from the Government under section 37 of the Maharashtra Regional and Town Planning Act, 1966 giving directives for modifying the development plan.

(2) With a view to modifying the Development Plan in cases of discrepancy, and on representation from the owners and councillors 24 proposals for modification of reservations under section 37 as also for deletion of the reservations under section 50 of the Maharashtra Regional and Town Planning Act were approved by the Corporation and forwarded to the Government for according their sanction to the modifications of Development plans.

(3) Certain proposals for modification of the Development Control Rules were forwarded to the Government and they were awaiting Government's sanction.

(4) Development Plan roads and reservations were demarcated on site at the instance of private parties, architects, Government and Municipal Departments. Acquisition proceedings in connection with certain lands required to be acquired for implementing the development plan proposals were in progress.

(5) The District Planning Board constituted by the State Government in 1973-74 for ascertaining the Developmental needs for Greater Bombay had suggested formation of study groups for various panels in housing, slum clearance improvement, transport etc. Accordingly, the study groups were formed and they have submitted their reports to the State Government. After study of the reports, the Advisory Committee appointed for the revision of the Development Plan under the Chairmanship of the Municipal Commissioner would continue its further work.

(6) During the year under report, the upto-date modified D. C. Rules were got printed through the Municipal Printing Press and the same are being sold to the members of the public and Architects through the Public Relation Officer. The Development Plans of the city wards are also being sold through public relation Officer.

(7) As per the recommendations of the Advisory Committee, the preliminary action regarding appointment of staff has already been taken and the sanction of the Corporation to the appointment of required staff for revision of the D. P. is awaited. Simultaneously, the work of reduction of City survey sheets from the scale of 1 cm- 5 metres to the scale of D. P. namely 1" 330' was entrusted to M/s. The Ravi Udaya Photo Litho Offset works Pvt. Ltd. and the work was in progress.

Acquisition of land.

Possession of 9 properties was obtained through the Land Acquisition proceedings and 5 properties were acquired by negotiations. Awards were made by the Special Land Acquisition Officer in respect of 2 properties. Proceedings under Land Acquisition Act in respect of 68 properties were in progress. Proceedings to acquire lands by negotiations were in progress in respect of 22 properties. Set-back land rates in respect of 17 set-back cases were fixed for making payment of compensation of land acquired for widening of various roads and lanes and standard rent in respect of 27 Municipal properties was fixed.

X—TOWN PLANNING SCHEME.

Within the limits of the City proper, the schemes are as under :

- (1) Town Planning Scheme, Bombay City No. I (Mandvi and Elphinstone Estate).
- (2) Town Planning Scheme, Bombay City No. II (Mahim Area).
- (3) Town Planning Scheme, Bombay City No. III (Mahim area).
- (4) Town Planning Scheme, Bombay City No. IV (Mahim area).

All these are finalised Town Planning Schemes and the works included therein have been to a certain extent completed, except in respect of Town Planning Scheme, Bombay City No. I. The main reason for non-completion of works in the Town Planning Scheme Bombay City No. I and other schemes is that the areas are heavily encumbered, and there is no adequate alternative accommodation to offer to the persons likely to be dishoused.

In view of this, the Corporation by their Resolution No. 2651 of 23-3-1973, declared their intention to vary the Town Planning Scheme Bombay City No. I (Mandvi and Elphinstone Estate) so as to tackle the problem of implementation by making provision in the varied Scheme for sites for alternative accommodation. A similar declaration of intention of variation of Town Planning Scheme, Bombay City No. II (Mahim area) was made by the Corporation *vide* their resolution No. 270 dated 29th June 1973. Both the draft variation schemes are under preparation.

The draft variation of Town Planning Scheme, Bombay City No. III (Mahim area) Sr. No. 3 (above), was approved by the Corporation *vide* their Resolution No. 1446 of 20-2-1975 and it was published on 13th March 1975.

The Town Planning Scheme, Bombay City No. IV (Mahim area) was declared for variation in the year 1967 and the draft scheme (1st variation) was sanctioned by the Government on 27th October 1972. The Arbitrator for the scheme appointed by the Government on 17th January 1973 declared his award on 16th January 1974 and the Government constituted the Tribunal of Appeal on 14th March 1975.

Implementation of Town Planning Schemes in the City area :—

- | | | |
|---|-------|----|
| (a) No. of plots taken over by the Corporation. | .. .. | 58 |
| (b) No. of plots handed over to the owners. | .. .. | 1 |
| (c) Details of execution of T. P. Schemes (Please see table below) :— | | |

Serial No.	Nature of the work carried out.	No. of works.
1	Building works.	.. ..
2	Road works	.. .. 4
3	Any other works.	.. .. 8
Total		.. .. 12

(d) Total expenditure incurred on T. P. Scheme works Rs. 65,54,704.

(e) Amount of contribution charges collected Rs. 29,44,083.

CONSERVANCY BRANCH (CITY)

1. Collection of Refuse—

All the public roads, footpaths and house-gullies were cleaned daily and quantity of refuse and other waste matter removed during the year was approximately 545,566 tonnes, average per day being 1492 tonnes.

2. Transportation of Refuse—

The refuse collection during street cleansing operations as well as from the residential premise was regularly removed by engaging necessary Mechanical traction.

Total vehicle-shifts employed for removal during the year was 1,16,992 of which 23,050 were Municipal vehicleshift and 93,942 were contractors, vehicle shifts giving approximate percentage of 20 per cent. and 80 per cent. respectively.

About 30 per cent. (1,57,097 tonnes) of the City refuse was transported to Deonar Dumping Ground by Railway wagons from Mahalaxmi siding. The details are covered in the section under K. D. Railway.

3. Disposal of Refuse—

The final disposal of refuse was carried out by reclaiming low lying land at Deonar and also at Dharavi. Total refuse dumped at Dharavi from City and few Suburban Wards was 5,52,517 tonnes and at Deonar 1,76,954 tonnes.

4. Collection Removal and Disposal of Night Soil and cesspool—

Night soil collection and disposal service was rendered in F and G Wards to 493 Basket privy seats and 2,218 kilo litres quantity of night soil was removed daily.

During the year under report number of Cesspool Clearances given was 1,452 removing approximately 14,597 kilo litres cesspool contents.

Mechanical Traction comprising Municipal Cesspool vehicles was used working into two shifts on an average (approximately) 4 vehicles per shift.

The Night soil and cesspool contents were disposed of at Dharavi Night Soil Depot.

5. Public and Private Latrines and Urinals—

During the year under report 277 public latrines with 1,024 W. C. seats were maintained. Total number of urinal stalls maintained was 930.

8 new public sanitary conveniences and 20 urinal stalls were constructed during the year under report.

6. Prevention of Nuisance—

During the year 5,097 cases were made by 57 nuisance detectors posted in the city wards for urinating, defaectating and throwing refuse on public roads, under Section 115 of the Bombay Police Act and the fine levied was Rs. 19,025.

During the year 2,217 cases were made under Section 372 of Bombay Municipal Corporation Act and the fine levied was Rs. 24,691.

7. Removal and Disposal of Dead Animals—

Bombay Suburban Village Industries Association were the contractors for the work of removal of dead animals from the City. Total number of dead animals removed during the year was 57,902.

8. Conservancy and Special Halalkhore Services—

These services were rendered to circus, exhibitions, big concerns, Industrial Establishments etc. on payment of scheduled charges. An amount of Rs. 4,02,785 was received for rendering conservancy services and Rs. 1,548 were received on account of Special Halalkhore Service, Charges for cleansing Government Foreshores recoverable during the year amounted to Rs. 1,58,675.

9. Dog Licensing and Destruction work—

The work of Licensing pet dogs as well as capturing and destroying stray dogs was carried out During the year under reference 7,344 pet dogs were licensed, 8,403 stray dogs were captured and 42,470 dogs for City, Suburbs and Extended Suburbs were voluntarily destroyed.

10. Conservancy staff quarters—

160 labour chawls in charge of Conservancy Branch with 4,229 tenements were looked after and maintained.

One new chawl with 50 tenements was constructed and allocated during the year under report.

Out of 7,416 employees entitled to free housing about 58 per cent. staff have been so far provided with accommodation as against 55 per cent. last year.

11. Labour Welfare—

There were 17 welfare centres working for the benefit of Conservancy employees at the following Municipal Chawls.

- | | |
|------------------------|-----------------------|
| (1) Sidhartha Nagar. | (9) Approach Road. |
| (2) Haystack Road. | (10) Umarkhadi. |
| (3) Walpakhadi Road. | (11) Agripada. |
| (4) Piltcn Road | (12) Tarwadi. |
| (5) Sukhlaji Street. | (12) Chinchpokli. |
| (6) Annasley Road. | (14) Arthur Road. |
| (7) Cchln Strcet. | (15) Dadar Main Road. |
| (8) Rajwaul ar Street. | (16) Prubhadevi. |
| | (17) Kasarwadi. |

12. Co-operative Credit Societies for Labour—

There were in all, 12 Co-operative Credit Societies with an aggregate Membership of 6,636 Members for the benefit of the labour employees of this branch. The share capital subscribed was Rs. 52,67,825. The working of the Co-operative Credit Societies was satisfactory.

13. Expenditure on Conservancy Services—

The total expenditure incurred on conservancy services for garbage, cesspool and P. S. Cs. etc. was Rs. 5,13,81,555. Out of this an amount of Rs. 5,01,74,496 was for clearance, transportation and disposal of refuse of 5,45,566 tonnes per annum giving a cost of Rs. 92.33 per tonne. The expenditure on Halalkhore services was Rs. 12,07,058.

SUBURBS AND EXTENDED SUBURBS

A—PLANNING BRANCH

The details of the functions and activities of the Planning Branch, headed by Dy. City Engineer (Planning and Design) are given in the City Section of the Report.

The details of work carried out by the various sections of the Planning Branch are given below.

Architectural Section

Particulars	General Building works in City	Housing in Greater Bombay
(1) Contract Plans	15	1
(2) Cloth Tracing	8	..
(3) Paper Tracing	261	37
(4) Blue Print Copies	6608	453
(5) Block Estimates	21	..
(6) Total Amount of Block Estimates	Rs. 5,50,08,100	Rs. ..
(7) Detailed plans and estimates completed in all respects (as shown below)	15	1
(8) Total amount of detailed estimates	Rs. 2,25,13,591	Rs. 38,67,663
(9) No. of contracts Awarded	29	8
(10) Detailed estimates in hand	19	..
(11) Total approximate cost of detailed estimates in hand	Rs. 2,99,00,000	Rs. ..

Particulars of detailed plans and estimates completed in all respects referred to above.

Particulars	No. of Estimates	Estimated Cost
		Rs.
(a) Schools (Permanent)	7	1,08,61,077
(b) Schools (Temporary)	..	..
(c) Centralised Ward Offices	..	..
(d) Markets	1	5,04,000
(e) Hospitals, Maternity Homes and Dispensaries	4	94,41,569
(f) Miscellaneous	3	17,06,945
Total	15	2,25,13,591

Bridge Section

Particulars	Details of plans and estimates prepared
	Rs.
(1) Contract Plans	5
(2) Cloth Tracing	Nil.
(3) Paper Tracing	12
(4) Blue Print Copies	237
(5) Block Estimates	2
(6) Total amount of Block Estimates	18,48,000.00
(7) Detailed plans and estimates completed in all respects	1
(8) Total amount of detailed estimates	15,30,000.00
(9) No. of works awarded to contractors	2
(10) No. of works entrusted to Rlys.	2
(11) Detailed estimates in hand	4
(12) Total approximate cost of detailed estimates	1,35,67,000.00
(13) Scrutiny of plans received from—	
(a) Railways	8
(b) Ward, Zonal Offices and Project (Sewerage)	10
(c) Private Parties	2
(14) Scrutiny of estimates received from Railways	2

DEONAR ABATTOIR

1. During the year under review, a Housing Scheme for employees working at Deonar Abattoir was undertaken. It would be carried out using ready made Autoclaved Cellular Building Components (Inclusive of slabs and blocks), which are being used by the Corporation for the first time. A separate contract for supply of the material was given to Messrs. Siporex India Ltd. Other works such as construction of dispensary etc., were also undertaken to provide additional amenities to the staff

2. The work of providing full-fledged Meat Van Garage at Deonar Slaughter House was also being carried out by dismantling the existing steel structures at Garlik Compound, Bapurao Jagtap Marg and re-erecting them in Deonar Slaughter House.

3. The works completed and those in progress during the year under report are shown in Appendix No. 17.

B.—SLUM CLEARANCE BRANCH

The activities of this Branch are described in detail in the City Section of the Report.

During the year under report 200 tenements were under construction under Slum Clearance Scheme at Match Factory Lane, Kurla.

The Corporation have acquired one slum area for development viz. Khotwadi, in T. P. S. VI, Stantacruz from Messrs. Advance Builders.

C.—CONSTRUCTION BRANCH

(i) Building Construction Branch Zones II and III—

The Building Construction Branches of Zone II and Zone III supervise the works of building construction after award of contracts by the Planning and Design Branch.

A synopsis of the work done by this Branch during the year is given below.

Particulars	Completed Works		Works in Progress	
	No.	Actual Cost	Nos.	Estimated Cost
		Rs.		Rs.
(1) Housing	Z. II .. 2*	16,36,307.00	4**	1,13,71,298.00
No. of works including Pile foundation Works	Z. III;.. ..	..	1**	22,99,762.32
(2) Buildings other than housing—				
(a) School Bldgs.	Z. II .. 1	84,071.00	7	1,45,30,817.00
	Z. III .. 4	49,74,559.00	8	84,85,887.97
(b) Markets	Z. II .. 1	22,92,418.00	1	16,09,965.00
	Z. III .. ..	..	1	20,40,429.43
(c) Hospitals, Maternity Homes and Dispensaries	Z. II .. 1	3,96,945.00	3	69,88,680.00
	Z. III .. 4	21,69,180.00	2	8,43,185.09
(d) Other Building Works	Z. II .. 2	9,86,166.00	5	65,08,835.00
	Z. III .. 2	2,54,818.00	5	57,98,321.45
Total	.. 17	1,27,94,464.00	37	6,04,77,181.26
* No. of structures	.. 6		**15	Z. II
			10	Z. III
No. of Tenements	.. 90		696	Z. II
			200	Z. III

The statement showing the works completed and works in progress appear in Appendix No. 18.

(ii) Road Construction Branch Zone II and III.—

The branch attends to the following works :—

(a) Preparing plans and estimates for resurfacing of existing roads, construction of new roads, widening of roads and improving private streets and construction of open storm water drains.

(b) Invitation of tenders and awarding contracts for the construction of roads and S. W. Drains, Annual Petty Works of roads and S. W. Drains and Reinstatement of trenches in footpaths and carriageways.

(c) Supervision of road and S. W. Drain works.

During the year this branch prepared 46 estimates for various works awarded 43 contracts for road works and 13 contracts for other works.

A synopsis of the work done by this branch during the year is given below :—

Particulars	Completed Works		Works in Progress	
	Nos.	Actual Cost	Nos.	Estimated Cost
		Rs.		Rs.
(1) Road surfacing works in Asphalt Concrete.	Z. II .. 1 Z. III	2,67,958.00 ..	2 5	29,97,756.00 69,87,395.00
(2) Road surfacing work in cement concrete.	Z. II Z. III; .. 1	.. 3,91,230.00	1 ..	27,27,701.00 ..
(3) New roads including S. W. drains	Z. II .. 11 Z. III; .. 12	38,72,640.00 9,93,514.00	14 7	1,34,68,733.00 66,40,842.00
(4) Road widening	Z. II .. 6 Z. III; .. 5	30,65,263.00 8,76,294.00	1 5	7,38,888.00 70,29,584.00
(5) Any other work	Z. II .. 3 Z. III; .. 1	10,89,746.00 7,14,221.00	3 ..	8,46,154.00 ..
Total	.. 40	1,12,70,866.00	38	4,14,31,053.00

D.—MAINTENANCE OF MUNICIPAL BUILDINGS

Buildings

The total number of Municipal Buildings in the Suburbs during the year ending 31st March 1975, was as detailed below :—

(a) Housing—			
(i) Structures	.. 801	No.	(Tenements 8036 No.)
(b) Other Buildings	.. 518	No.	

Total No. of Municipal Bldgs. 1319 No.

The work of maintenance is classified under the major heads (1) Normal Repairs (2) Special Repairs and (3) New Works. Normal repairs include works of monsoon repairs, Special Repairs cover the works which are likely to increase the life of buildings or structures whereas the works of additions and alterations to the buildings as also those of providing additional amenities fall under the category of New Works.

The repairs and maintenance works at Municipal properties were carried out either departmentally or through annual petty works contractors.

The total expenditure incurred on the maintenance of Municipal Properties in Suburbs was Rs. 1,21,51,504, out of which an amount of Rs. 50,16,374 on normal maintenance and an amount of Rs. 71,35,130 was spent on new works and special repairs works. Works costing Rs. 29,85,093 were carried out departmentally and 1072 works costing Rs. 91,46,414 were carried out through the annual petty works contractors in Suburbs. The budgetwise break up of the total expenditure incurred on the maintenance of the Municipal properties is as under :—

	Suburbs		Total
	Expenditure on normal Maintenance	Expenditure on New works and Special Repairs	
	Rs.	Rs.	Rs.
Budget 'A'	.. 38,21,228.00	45,44,214.00	83,65,442.00
Budget 'B'	.. 5,53,606.00	10,78,789.00	16,32,395.00
Budget 'E'	.. 6,41,540.00	15,12,127.00	21,53,667.00
Grand Total	.. 50,16,374.00	71,35,130.00	1,21,51,504.00

E.—MAINTENANCE OF ROADS AND FOOTPATHS

1. The length of various types of roads maintained in the Suburbs was as under :—

Serial No.	Type of Roads	Suburbs K.M.
(1)	Cement Concrete	.. 71.86
(2)	Black topped	.. 515.88
(3)	Water Bound Macadams	.. 14.68
(4)	Unmetalled Motorable	.. 9.90
	Total	.. 612.32

An amount of Rs. 59,75,156 was spent on repairs to roads including reinstatement of trenches and 28,410 sq. m. of different types of road surfaces were improved departmentally at a total cost of Rs. 18,40,106 as detailed below :—

Mode of Improvement	Area in Sq. Mt.	Expenditure
(a) Street Asphalt:	1,300	Rs. 2,50,000
(b) Chip on Asphalt Road	..	..
(c) Semi groutings	10,000	12,11,950
(d) Asphalt Concrete	..	..
(e) Surfacing dressing	17,100	3,78,156
Total	28,410	18,40,106

489 Road works costing Rs. 67,29,998 were executed through the Annual Petty Works Contractors.

Information regarding improvements of private roads is given in Appendix No. 20.

1. Total length of the roads in the Suburbs was 612.32 K. M. at the end of year as detailed above.
2. Private Streets—Action under Section 305 was started in one case as shown in Appendix No. 21.
3. Footpaths—220 Metres new footpaths were constructed during the year.
4. Street Name Boards—In amount of Rs. 7,731 was spent on fixing new street name boards and an amount of Rs. 19,084 was spent on repairs to the existing ones.
5. Widening of roads consequent upon the acquisition of set backs :—

An area of 1,01,898 sq. m. of set back land was added to the public roads at a total cost of Rs. 11,84,167 and the compensation claims settled during the year amounted to Rs. 8,06,859.

6. Benches—110 Benches on roads and footpaths were maintained.
7. Guard railings—2220 Metres of guard railings were maintained during the year.

Permits

Opening of Roads and Footpaths.—During the year 5,817 permits were issued for excavation in roads and footpaths. The cost of reinstatement of disturbed surfaces was charged to the respective permit holders and the trenches were repaired at a total cost of Rs. 74,44,430. The Total amount of road opening fees recovered was Rs. 12,657.

Occupation of Roads and Footpaths.—The amount of fees recovered for the use of roads for stacking building materials and putting up scaffoldings amounted to Rs. 320.94 permits were issued for occupation of roads for erecting mandaps, placing chairs and benches etc. and the total amount realised therefrom was Rs. 1,232.

33 permissions for new bus shelters on roads and footpaths were granted.

Miscellaneous Works and Amenities

Ferry Services.—The ferry services between Versova and Madh in K Ward, between Marve and Manori in P Ward and between Borivli and Gorai in R Ward were operated through contractors and an amount of Rs. 1,700 realised from them.

F.—STREET LIGHTING

The total number of street lights at the end of the year was 23,538 as against 21,930 in the previous year.

The recurring cost of maintaining all these lights came to Rs. 77,52,811.00 as against Rs. 71,73,877 in the last year.

The details of different types of lamps is as shown below :—

T. F. Lamps	HPMV. L.A.PS	T. D. Bollards	Total
11999	11409	130	23538

The lighting arrangement on 108 roads was improved. Street lights were provided at 122 new places.

The traffic islands, Central dividers and guard railings were provided at 33 different road junctions at an approximate cost of Rs. 2 lakhs.

The names of the roads on which regular lines were prescribed under Section 297(i) of the Bombay Municipal Corporation Act are shown in Appendix No. 22.

Automatic traffic signals were installed at 1 location and flashing Beacons at 8 locations as shown in Appendix No. 23.

G.—INSPECTION AND SUPERVISION OF PRIVATE BUILDINGS

Building Proposals.—2878 Proposals under Section 337 and 342 of the Bombay Municipal Corporation Act, for erection of new buildings and for addition and alterations to the existing buildings respectively were received during the year. The particulars are as under :—

Wards	Proposals Received		Total of Number Proposals	No. of proposal passed		Total No. of Proposals
	Section 337	Section 342		Section 337	Section 342	
H K, P & R ..	1479	568	2047	1532	530	2062
L, M N & T ..	585	246	831	595	97	692
Total ...	2064	814	2878	2127	627	2754

New Buildings.—The position of residential and non-residential tenements constructed by different agencies (other than Municipality) is as under :—

Wards	No. of proposals under Agencies		
	Private enterprises	Co-operative Societies	Employers for their employees
H, K, P & R ..	543 (Tenements 6502)	213 (Tenements 3354)	32 (Tenements 604)
L, M, N & T ..	166 (Tenements 2421)	199 (Tenements 1681)	2 (Tenements 33)

The No. of proposals for non-residential buildings by private enterprises was 787. Total No. of proposals disposed of during the year was 544. The No. of non-residential buildings constructed during the year was 417.

	H, K, P & R Wards		Total	L, M, N & T Wards		Total
	Sec. 337	Sec. 342		Sec. 337	Sec. 342	
(1) Completion Certificates received during the year..	1479	568	2047	585	246	831
(2) Permits for building houses issued ..	1532	530	2062	595	97	692
(3) Total No. of buildings dealt with ..	848	187	1035	327	94	421
(4) Total No. of building applications ..	2853	922	3775	1011	191	1202

Details of the tenements constructed by private parties are given in Appendix No. 24.

Details of the proposals for layout, amalgamation and sub-division in the Suburbs are given in the table below :—

Wards	PROPOSALS FOR					
	Layouts		Amalgamation		Sub-division under Section 302	
	Received	Sanctioned	Received	Sanctioned	Received	Sanctioned
H	10	1	13	3	5	..
K	18	4	22	6	21	5
P	25	10	16	10	24	8
R	30	10	19	12	19	7
L	5	..	3	1	4	2
M	6	4	6	2	15	1
N	10	1	9	4	7	2
T	7	4	5	2	13	5

The following statement shows the number of proposals received for the Commencement Certificates in respect of T. P. Scheme areas during the year 1974-75.

Serial No.	Wards	Total No. of Proposals received	No. of proposals approved
(1)	H	106	40
(2)	K	83	30
(3)	P	12	4
(4)	R	13	9
(5)	N	33	18

Building Collapses.—The number of buildings or portion thereof collapsed during the year was 35 and the number of persons killed and injured was 8 and 45 respectively. The estimated damage to property was Rs. 11,75,581.

Actions under different section of the Municipal Act

The number of notices issued under different relevant Sections of B. M. C. Act was 1093. 398 Notices were complied with during the year and 685 notices were still pending compliance at the close of the year.

Removal of Unsafe Buildings : 3 unsafe buildings or portions were removed under Section 489 of the Act at a cost of Rs. 1695, out of which an amount of Rs. 1117 was irrecoverable.

Authorities granted under Section 499 of the Act : 20 Authorities were granted under section 499 of the Act to carry out repairs to buildings. The number of tenants who took advantage of the same was 20.

Unauthorised structures : During the year 4734 unauthorised structures were detected. In addition 7239 cases of previous year were pending disposal. Unauthorised works in 664 cases were removed by parties themselves while in 2743 cases, the unauthorised works were removed by the Corporation. In 238 cases action were dropped and 7350 cases were under action at the end of the year.

Complaints from the Public : The number of complaints received from the public was 3368 together with the 2663 cases of the previous year pending disposal. The total no. of complaints dealt with was 6031. Out of these 3019 complaints were looked into and disposed of and action in 3012 cases was in progress at the close of the year.

H.—FACTORY SECTION.

The following table shows the position of the factory section in the Suburbs.

Serial No.	Particulars.	No.
(1)	No. of applications received during the year.	1,178
(2)	No. of Applications of previous year pending disposal.	353
(3)	Total No. of applications.	1,531
(4)	No. of applications disposed of.	1,060
(5)	No. of applications undisposed of.	471
(6)	No. of new permits issued.	1,051
(7)	No. of new permits renewed.	1,237
(8)	No. of prosecutions launched.	2,454
(9)	No. of prosecutions decided in favour of the Corporation.	1,939
(10)	No. of prosecutions pending.	705
(11)	Amount of fine recovered.	Rs. 1,07,295
(12)	Total Revenue collected.	Rs. 3,84,448
(13)	No. of complaints received.	83

I.—DEVELOPMENT BRANCH

Acquisition of land.—Possession of 14 properties was obtained through the land Acquisition proceedings and 95 properties were acquired by negotiations. Award were made by the Special Land Acquisition Officer in respect of 17 properties. Proceedings under the Land Acquisition Act in respect of 101 properties were in progress. Proceedings to acquire lands by negotiations were in progress in respect of 132 properties. Set back land rates in respect of 143 set back cases were fixed for making payment of compensation of land acquired for widening of various roads and lanes and standard rent in respect of 15 municipal properties was fixed.

I.—TOWN PLANNING SCHEMES IN SUBURBS AND EXTENDED SUBURBS.

(A) Following are the Town Planning Schemes in Suburbs :

- (1) Town Planning Scheme, Bandra No. I (Principal).
- (2) Town Planning Scheme, Bandra No. II (2nd Variation).
- (3) Town Planning Scheme, Bandra No. III (Principal).
- (4) Town Planning Scheme, Bandra No. IV (1st Variation).
- (5) Town Planning Scheme, Bandra No. V (1st Variation).
- (6) Town Planning Scheme, Bandra No. VI (1st Variation).
- (7) Town Planning Scheme, Bandra No. X (Principal).
- (8) Town Planning Scheme, Santacruz No. I (1st Variation).
- (9) Town Planning Scheme, Santacruz No. II (1st Variation).
- (10) Town Planning Scheme, Santacruz No. III (1st Variation).
- (11) Town Planning Scheme, Santacruz No. IV (1st Variation).
- (12) Town Planning Scheme, Santacruz No. V (Principal).
- (13) Town Planning Scheme, Santacruz No. VI (Principal).
- (14) Town Planning Scheme, Vile-Parle No. I (1st Variation).
- (15) Town Planning Scheme, Vile-Parle No. II (1st Variation).
- (16) Town Planning Scheme, Vile-Parle No. III (1st Variation).
- (17) Town Planning Scheme, Vile-Parle No. IV-IVA (1st Variation).
- (18) Town Planning Scheme, Vile-Parle No. VI (Principal).
- (19) Town Planning Scheme, Andheri No. I (1st Variation).
- (20) Town Planning Scheme, Andheri No. II (1st Variation).
- (21) Town Planning Scheme Andheri No. VI (1st Variation).
- (22) Town Planning Scheme, Ghatkopar No. I (1st Variation).
- (23) Town Planning Scheme, Ghatkopar No. II (1st Variation).
- (24) Town Planning Scheme, Ghatkopar No. III (Principal).
- (25) Town Planning Scheme, Vile-Parle No. V (Principal).

Out of these 25 schemes, first 24 schemes are finalised and in force. The last one *viz.* T. P. Scheme, Vile-Parle No. V is a Principal draft scheme before the Arbitrator for finalisation.

The works included in the finalised schemes have been mostly completed except those which could not be completed due to various difficulties such as removal of hutments on the plots reserved for public purposes, after providing alternative accommodation to the occupants thereof. The Ward Officers in charge of implementation of the schemes are taking suitable steps in the matter.

B.—Draft Schemes and Variation of Schemes :—The Town Planning Schemes which have been marked with* under (A) above, totalling 11 Nos., have been declared for variation so as to bring them in conformity with the final Development Plan as required under Section 39 of the Maharashtra Regional and Town Planning Act, 1966.

Town Planning Scheme, Bandra No. I (Principal) has been submitted by the Arbitrator to the Government for sanction. The Arbitrator's award in respect of Town Planning Scheme, Bandra No. III (Principal) has been declared but the scheme could not be submitted by him to the Government for sanction due to pending court matter. The Award in respect of T. P. Scheme, Santacruz No. II (1st Variation) has been declared by the Arbitrator on 8-1-1975. During the year under report, hearing of the appeals, before the Tribunal of Appeal constituted by the Government, has been completed in respect of Town Planning Schemes (1) Santacruz No. V (1st Variation) (Final), (2) Vile-Parle No. I (2nd Variation) (Final), (3) Andheri No. I (2nd Variation) (Final) and (4) Andheri No. VI (2nd Variation) (Final). Town Planning Scheme, Vile-Parle No. VI (1st Variation) has been submitted by the Arbitrator to the Government for sanction on 31-3-1975. T. P. Scheme, Andheri No. II (2nd Variation) (Final) has been sanctioned by the Government to come into force with effect from 31-8-1974. As regards Town Planning Schemes, Santacruz No. VI (1st Variation) and Ghatkopar No. III (1st Variation), the work of preparation is in progress.

C.—Town Planning Schemes which are before the Town Planning Officer :—(*i. e.* the Arbitrator under the Maharashtra Regional and Town Planning Act, 1966) are :—

- (1) Town Planning Scheme, Bandra No. III (1st variation).
- (2) Town Planning Scheme, Santacruz No II (2nd Variation).
- (3) Town Planning Scheme, Santacruz No. V (1st Variation).
- (4) Town Planning Scheme, Vile-Parle No. I (2nd Variation).
- (5) Town Planning Scheme, Vile-Parle No. V (Principal).
- (6) Town Planning Scheme, Andheri No. I (2nd Variation).
- (7) Town Planning Scheme, Andheri No. VI (2nd Variation).

Extended Suburbs :—There are 4 Town Planning Schemes in the Extended Suburbs, *viz.*

- (1) Town Planning Scheme, Malad No. I (1st Variation).
- (2) Town Planning Scheme, Borivali No. I (1st Variation).
- (3) Town Planning Scheme, Borivli No. II (1st Variation).
- (4) Town Planning Scheme, Borivli No. III (Principal) (Draft).

Out of these four Town Planning Schemes, the first one has been sanctioned by the Government and is finalised and in force. It is being implemented by the Ward Officer P Ward. The hearing of appeals in respect of the Town Planning Scheme, Borivli No. I (1st Variation) before the Tribunal of Appeal has been recently completed. The schemes at Sr. Nos. 3 and 4 are still before the Arbitrator.

Implementation of Town Planning Scheme

- (a) No. of Plots taken over by the Corporation—1.
 (b) No. of Plots handed over to the Owners—66.
 (c) Details of execution of T. P. Schemes. (Please see table below)

Nature of Works.	No. of Works.
(1) Building Works.	1
(2) Road Works.	66
(3) Other Works.	1
Total ..	7

(d) Total Expenditure incurred on Town Planning Scheme Works. .. Rs. 2,975
 (e) Amount of contribution charges collected. .. Rs. 4,40,119

K.—MECHANICAL BRANCH.

The Maintenance of Electrical Installations.

Installation of water pumping sets, new electrical installations, and their maintenance, repairs to electrical appliances of Hospitals, Markets, Schools, Office Buildings and Gardens in the Suburbans were carried out by the Electrical Staff attached to the various wards satisfactorily.

The expenditure of departmental works carried out amounted to Rs. 7,02,718 and that on the works carried out through private agencies amounted to Rs. 83,142.

The work of installation of water pumping sets at I. B. Patel School, Goregaon was carried out at a cost of Rs. 27,560. Installation of pump set at Dhanji Deoji School and Conservancy Staff Quarter, Khar, was also completed. The pump set installation at Tilak Nagar and Subhash Nagar School, Chembur was in progress.

The work of providing Neon Sign Board at Octroi Check Naka, Mulund was completed.

Outdoor staff carried out work of rewiring of J. V. Road School costing Rs. 24,000 and that of K. Ward (East) Office costing Rs. 1,60,000. 00 within a month's period.

103 estimates amounting to Rs. 7,11,200 for the work of rewiring, new wiring and installation of water pumping sets etc. were prepared and forwarded to concerned authorities in various wards in Suburbs and Extended Suburbs.

Fountain at Liberty Garden, Malad was completed and renovation of fountain at Sathe Park and New Fountain at Dinkar Patil Udyan was in progress.

Tenders for the electrification works of Sahar Road Cemetery, Dhake Colony Cemetery, Poisar Garage and Borivali Garage were being invited.

Road Roller Section Khar Depot.

There were 30 road rollers for the entire Suburban area Out of these 6 were steam rollers, 22 diesel rollers and 2 petrol rollers. This year 3 Tandem type, 4-Ton Diesel Rollers purchased from M/s. Vak Engineering Pvt. Ltd., Madras were added to our fleet.

On an average of 67% of the road roller fleet was on road during the year.

Out-door mechanical repair works at various installations such as hospitals, markets, gardens etc., in Suburbs and Extended Suburbs were carried out by outdoor section. The repairing work included, repairs to collapsible gates, rolling shutters, iron gates, play apparatus, tar boilers, water tank, hospital equipments etc. The expenses incurred for the repairs during the year were Rs. 51,458.

(L) ELECTRICAL BRANCH (SUBURBAN AREA)

The activities of the different sections of the Electrical Branch (Suburban Area) during the year under report were as under :—

1. Planning and Design Section :—

In all 18 estimates amounting to Rs. 28,04,245 were prepared and 27 contracts amounting to Rs. 23,32,470 were awarded as detailed in Appendix No. 25.

2. Building Construction Section (Zone II & Zone III) :—

There were 17 works in Zone II and 9 works in Zone III together amounting to Rs. 13,38,243 completed and 19 works in Zone II and 18 works in Zone III together amounting to Rs. 13,61,022 in progress during the year as shown in Appendix No. 26.

3. Refrigeration Section :—

There were 5 works of air conditioning the operaton theatres of Municipal Hospitals and Maternity Homes costing Rs. 3,10,930 completed and there were 3 works of similar nature costing Rs. 1,80,157 in progress during the year.

(M) TRANSPORT BRANCH

The Suburban Transport Section is entrusted with the maintenance and operation of vehicles for various Municipal departments:

There were 256 vehicles in running condition at the end of the year.

During the year 69 new vehicles were purchased to augment the Suburban fleet and to replace old vehicles. The vehicles were used for rendering various civic services as shown below :—

1. Health Services		Average No. of vehicles used per day.
(a) Mobile Dispensary Ambulances and Hearses	.. ..	33 Nos.
(b) Pest Control	.. ..	12 Nos.
(c) School clinic	.. ..	5 Nos.
2. Conservancy Services.		
(a) Refuse Removal	.. ..	85 Nos.
(b) Cesspool Removal (manual)	.. ..	61 Nos.
(c) Cesspool Removal (Mechanical)	.. ..	28 Nos.
(d) Dog vans.	.. ..	7 Nos.
(e) Squatting.	.. ..	2 Nos.
3. Other Departmental Services.		
(a) Encroachments removal	.. ..	10 Nos.
(b) Ward Trucks.	.. ..	9 Nos.
(c) Cash van, mini buses, break down vans, etc.	.. ..	30 Nos.

The overall efficiency of the fleet was 80%.

(N) CONSERVANCY BRANCH (SUBURBS)

The Suburban area has been divided into 4 Ranges two ranges on the Western side viz. H & K Wards and P. & R Wards and two ranges on Eastern Side viz. L & M Wards and N & T Wards for the discharge of administrative and executive functions of the Branch, each under the supervision and control of an Assistant Head Supervisor, subject to overall control of the Dy. Head Supervisor, Head Supervisor and Dy. City Engineer (Mechanical & Conservancy).

1. Collection of Refuse :—

House hold and trade refuse and sweepings from roads were collected in Municipal refuse bins. Municipal Refuse bins and Refuse containers were attended to daily, on alternate days or week depending on the intensity of refuse in various sections.

All the public roads, footpaths and house gullies were cleaned and quantity of refuse and other waste matter removed during the year under report were approximately 2,74,375 tonnes, average per day being 780 tonnes.

2. Transportation of Refuse.

Removal of refuse was done by Mechanical traction. Total number of vehicle shifts made was 53364 of which 26671 were by Municipal vehicles and 26693 vehicle shifts by hired vehicles. Thus 48% of the refuse was transported in Municipal vehicles and 52% in hired vehicles.

3. Disposal of Refuse.

The final disposal of refuse was done by reclaiming low-lying land at Chincholi, Malad, Gorai in Western Suburbs and Deonar and Mulund in Eastern Suburbs. Total refuse deposited in Western and Eastern Suburban Dumping Grounds was 1,16,159 tonnes.

4. Collection, Removal and disposal of night soil.

Night soil collection and disposal service was rendered in all suburban wards to 6669 basket privy seats and 21,519 kilo litres of quantity of night soil was removed daily.

There were 6669 Basket privy seats. The no. of basket privy seats was reduced due to the conversion and demolition of basket privies in the Suburbs.

The night soil and cesspool contents were disposed of the night Soil Depot at following places :—

(1) Khar (2) Versova (3) Oshivara (4) Gorai Road, Borivali (5) Malad (6) Kurla (7) Ghatkopar (8) Mulund.

5. Cesspool Clearance.

During the year under report 2851 cesspools were attended and 129686 clearances given and total cesspool contents of 1,77,224 kilo litres were removed giving an average of 49 kilo litres per day. Removal of Night soil and cesspool contents was done by Municipal Cesspool vehicles making approximately 60 vehicles shifts per day.

6. Public and Private Latrines and Urinals.

During the year under report 80 new P. S. C.'s and 65 urinal blocks were constructed. In all 832 P. S. Cs. and 393 urinal stalls were maintained. They comprised full flushing system, basket privies and septic type or aqua privy type.

7. Prevention of Nuisance.

During the year 4357 cases were made by 37 Nuisance Detectors in the Suburbs for urinating and throwing refuse on public roads under Section 115 of the Bombay Police Act and the amount of fine recovered was Rs. 16625.

During the year 1313 cases were made under Section 372 E of B. M. C. Act and fine levied was Rs. 7996.

8. Removal and Disposal of Dead Animals.

The work of removal and disposal of carcasses was carried out through the contractor.

9. Conservancy and Special Halalkhore Service.

These services were rendered to circus, exhibitions, big concerns, industrial establishments etc., on payment of scheduled charges and the total income earned by Conservancy Branch during the year, was Rs. 1,84,505.

10. Dog Licensing and Destruction work.

The work of licensing pet dogs as well as capturing and destroying stray dogs was carried out. During the year under report 5359 pet dogs were licensed and 38371 stray dogs were captured.

11. Conservancy Staff quarters.

67 chawls in charge of Conservancy Branch with 1303 tenements were regularly inspected and prompt action taken for rectifying sanitary as also structural defects noticed. Out of 3300 employees about 44% staff have been provided with free housing accommodation and the rest were given house rent allowance.

16 new tenements were constructed during the year.

12. Labour Welfare.

There were 7 Welfare Centres working at—

(1) Khar, (2) Andheri, (3) Versova, (4) Municipal Staff quarters at Kurla, (5) Vikhroli, (6) Chembur, (7) Mulund.

In addition to above there were co-operative Credit Societies of which staff members took advantage.

13. Expenditure on Conservancy Services.

The total expenditure incurred on conservancy services was Rs. 2,68,09,674.94.

Removal and Disposal of City Refuse at Deonar Dumping Ground.

In pursuance of the Corporation Resolution No. 12035 dated 4th February 1897 Corporation sanctioned on 13-5-1897 acquisition of 823 acres (329.2 hectares) and 4 gunthas or thereabout land at Deonar the property of Mr. Ardashir Cursetji Cama.

Since then this plot of land is being used for disposal of town refuse.

So far about 510 acres (204 hectares) of land has been reclaimed by dumping refuse brought from Mahalaxmi Siding by railways.

The major portion of city refuse from A, B, C and D Wards, is generally collected at Mahalaxmi Siding and the same is transported by railway wagons to Deonar. Daily two train loads of refuse i.e. one in the afternoon and the other at night with an average load of 17 refuse wagons per trip of train were sent to Deonar for unloading on low-lying area. The refuse from remaining City wards is diverted to Dharavi dumping ground by lorries.

Statistical data regarding expenditure and revenue of the office of S. E. K. D. Railway is as under.

I.—Expenditure :—

	Rs.
(1) Haulage charges.	2,79,749.00
(2) Detention charges.	11,261.90
(3) Hire Charges.	79,818.28
(4) Maintenance of siding at Kurla.	700.00
(5) Wages of pointsman of C. Railway.	5,000.00
(6) Purchase of materials from C. S.	19,369.15
(7) Purchase of materials from workshop.	2,360.53
(8) Telephone Bills.	2,000.00
(9) Wages of Superior and Labour staff.	3,75,700.00
(10) Total amount paid to contractors for unloading 9241 number of refuse wagons.	6,34,133.46
Grand total Rs. ..	14,10,092.32

II.—Revenue :—

(1) Sale of right of cultivation	1,08,000.00
(2) Ground and Building Rent.	45,594.09
(3) Sale of Sewage water. .. .. .	..
Total Rs. ..	1,53,594.09

III.—Statement showing expenditure per Metric Tonne of refuse :—

Serial No.	Particulars.	1973-74		1974-75	
		Nos.		Nos.	
(1)	Number of refuse wagons received at Deonar. . .	12386		9241*	
(2)	Quantity of refuse on an average 17 metric Tonne per wagon. . .	210562 Tonnage		157097 Tonnage.	
(3)	Cost of haulage and detention (including hire charges of wagons). . .	Rs. 3,68,323.89	Rs.	3,70,829.18	
(4)	Cost of unloading wagons. . .	Rs. 6,08,765.22	Rs.	6,34,133.46	
(5)	Cost of per metric tonne of refuse for transporting and unloading. . .	Rs. 4.64	Rs.	6.39	
(6)	Cost per metric tonne of refuse for entire expenditure of S. E. K. D. Railway department. . .	Rs. 6.24	Rs.	8.97	

* The fall was due to railway strike & floods.

The position of the Municipal Rolling stock at the end of the year was as under :—

Serial No.	Description.	Total
(1)	Refuse wagons in running condition on 1-4-1974 Municipal <i>plus</i> Hired 28 38	66 Nos.
(2)	Running wagons as on 31-3-1975 Municipal <i>plus</i> Hired 28 28	56 Nos.
(3)	Silt wagons in running condition.	Nil.
(4)	Brake wagons in running condition. Municipal <i>plus</i> Hired on 1-4-74 4 Nil. on 31-3-75 4 <i>plus</i> Nil.	4 Nos. 4 Nos.
(5)	Sick wagons as on 1-4-1974 Municipal <i>plus</i> Hired 5 4	9 Nos.
	Sick wagons on 31-3-1975 Municipal <i>plus</i> Hired 12 7	19 Nos.

Some wagons were hired from Western Railway and the hire charges were Rs. 5.40 Ps. per wagon per day. During this period 12 more wagons were received in the year 1974-75 against 50 ordered from Jhansi. Total Refuse wagons including brakevans received upto 31-3-1975 was 49.

Due to scarcity of wagons this office had contacted Western Railway authorities and as per their advice it was suggested to Western Railway authorities to convert the covered wagons into open wagons to suit our requirements. An amount of Rs. 30,650 was paid to them to convert 10 wagons and the supply was expected shortly. These wagons will be received on hire basis.

The cost of maintaining Mahalaxmi Siding was Rs. 1,45,916.06 Ps. per annum. The land reclaimed upto end of March 1974 was about 505 acres (202 Hectares). During the year 1974-75 only 5 acres (2.024 Hectares) was reclaimed. Thus the total land reclaimed upto 31-3-1975 was 510 acres. (204.024 Hectares).

Total income from various sources *i.e.* sale of right of cultivation, sale of sewage water, ground and Building rent etc. amounted to Rs. 1,53,594.09.

During the year under report there were no incidents of engine derailment. However, 9 incidents of wagons derailment were reported. Three incidents of fire were also reported.

The railway authorities have intimated to the Corporation in advance about stopping of katchra trains with effect from 1-7-1976 as they are going to remove the crossing between Western Railway and Central Railway at Matunga. Arrangements are being made to construct roads at Deonar for transporting all city refuse by lorries.

The contract for the sale of right of cultivation for plot Nos. 2, 3, 4 and 5 admeasuring 182.22 acres (73.652 Hectares) given to Shri P. R. Bhujbal at the sale price of Rs. 1,08,000 per annum expired on 31-3-1975.

J. R. PATWARDHAN
B.E. (Civil), M. E. (P. H.), A.M.I.E.
City Engineer.

APPENDIX No. 1

Statement showing the progress of works under Slum Improvement Scheme.

Serial No.	Ward No.	Name of colony	No. of huts	Popu-lation	Approved expenditure		Path ways sq.mt.	Water closet	Drai-nage	Sullage drain	Water taps.	
					cost	upto 31-3-75						
1	2	3	4	5	6	7	8	9	10	11	12	
(1)	F/S	Pratap Nagar	...	60	300	35,000	25,000	100	6	...	300	8
(2)	"	Shastri Nagar	...	130	650	78,000	25,000	...	10	...	170	5
(3)	"	Near Charbi Chawl	...	40	200	24,000	20,000	130	4	...	20	2
(4)	"	Seva Nagar	...	100	500	60,000	30,000	130	10	...	70	4
(5)	"	Extension to Ram Tekdi and Laxman Tekdi	...	300	1,500	1,80,000	1,00,000	170	24	...	50	12
(6)	"	Gate No. 6 to Sewri Iron and Steel Works to Gate No. 7	...	250	1,250	1,50,000	1,25,000	1,000	26	...	250	10
(7)	"	Sewri Iron and Steel Works to Gate No. 7	...	250	1,250	1,50,000	1,50,000	1,700	34	...	300	10
(8)	"	Near T. B. Hospital	...	250	1,250	1,50,000	...	...	...	...	...	...
(9)	"	Near Vithal Mandir	...	500	2,500	3,00,000	2,00,000	1,700	38	...	400	20
(10)	"	Bhim Nagar	...	350	1,750	2,10,000	1,00,000	...	30	...	100	14
(11)	"	At Dr. Ambedkar Memorial Hall	...	300	1,500	1,80,000	75,000	...	20	...	450	12
(12)	"	Near Parmanand Wadi	...	100	500	60,000	35,000	170	7	...	100	4
(13)	"	Near Shivaji Nagar	...	100	500	60,000	60,000	500	10	...	152	4
(14)	"	Morachi Wadi	...	150	750	90,000	35,000	...	10	...	60	6
(15)	"	Chandika Snashan Bhumi	...	150	750	90,000	50,000	...	15	...	100	6
(16)	"	Sewri Koliwada	...	500	2,500	3,00,000	...	...	...	...	400	20
(17)	F/N	Punjabi Colony	...	1,500	7,500	4,00,000	7,00,000	8,300	93	...	1,000	60
(18)	"	Flank Road near Koliwada Station	...	800	4,000	4,80,000	2,50,000	800	80	80	300	32
(19)	"	Shivaji Nagar	...	300	1,500	1,80,000	1,40,000	600	30	...	200	12
(20)	G/S	Amar Nagar	...	100	500	60,000	55,000	340	10	...	55	4
(21)	"	Shivsena Nagar	...	800	4,000	4,80,000	2,00,000	1,700	40	...	255	32
(22)	"	Kamal Nagar	...	300	1,500	1,80,000	1,40,000	500	30	...	250	12
(23)	"	Sadanand Wadi	...	100	500	60,000	80,000	660	12	...	100	4
(24)	"	Nehru Nagar	...	770	3,850	4,62,000	1,50,000	1,000	24	...	200	31
(25)	"	Near French Motor Co.	...	400	2,000	2,40,000	1,00,000	600	28	...	100	16
(26)	"	Rajendra Prasad Nagar	...	450	2,250	2,70,000	1,74,000	625	36	30	750	10
(27)	"	Subhash Nagar	...	300	1,500	1,80,000	1,50,000	170	20	150	400	12
(28)	"	Laxmi Baug	...	350	1,750	2,10,000	2,25,000	400	30	50	200	9
(29)	"	Sidharth Nagar	...	200	1,000	1,20,000	1,00,000	180	20	...	270	4
(30)	"	Ramabai Nagar	...	200	1,000	1,20,000	63,500	40	10	...	80	6
(31)	"	Valmiki Nagar	...	200	1,000	1,20,000	6,01,000	...	10	...	400	2
(32)	"	Gandhi Chawls & M. B. Chawls	...	200	1,000	1,20,000	50,000	...	...	...	400	1
(33)	"	Laxmi Baug, Badha Mandir	...	1,700	8,500	10,20,000	...	...	20	...	15	68
(34)	"	Loknanya Tilak Nagar	...	50	250	30,000	25,000	150	...	...	40	...
(35)	G/N	Behind Kawde Chawl	...	50	250	30,000	25,000	30	...	...	30	2
(36)	"	Indira Nagar	...	400	2,000	24,000	...	30	10	...	150	12
(37)	"	Behind Kala Killa	...	1,000	5,000	6,00,000	...	...	...	...	1,200	40
(38)	"	Saibaba Nagar	...	700	3,500	6,00,000	15,000	...	...	...	1,000	28
(39)	"	Zakir Hussain Nagar	...	300	1,500	1,80,000	...	...	...	...	400	12
(40)	"	V. O. C. Chawl	...	125	625	75,000	40,000	...	...	...	60	5
(41)	"	Shiv Nagar	...	300	1,500	1,80,000	1,00,000	200	10	...	300	12
(42)	"	Indira Nagar, Kureshi Nagar	...	400	2,000	2,40,000	1,50,000	...	10	...	70	14
(43)	"	Near Mahim Level Crossing	...	100	500	60,000	...	...	...	...	100	4

APPENDIX No. 1—Cold.

Serial No.	Ward	Name of colony	No. of huts	Population	Approved cost	Total expenditure upto 31-3-75	Path ways sq.mt.	Water closet	Drainage	Sullage drain	Water taps.	
1	2	3	4	5	6	7	8	9	10	11	12	
(44)	K	Tope Village	...	300	1,500	1,80,000	1,00,000	300	10	...	300	11
(45)	"	Potters Colony	...	350	1,750	2,10,000	2,10,000	2,200	40	...	150	16
(46)	"	Kondivite Village	...	355	1,775	2,13,000	2,10,000	1,400	35	...	202	14
(47)	P	Valnai Opp. Orlem Church	...	800	4,000	4,10,000	4,35,000	...	37,800 C.M.	...	...	...
(48)	"	Melvani	...	700	3,500	1,55,250	1,50,000	...	13,000 C.M.	...	...	...
(49)	R	Powel's Land	...	100	500	60,000	30,000	59	10	...	100	4
(50)	M	Borla Village	...	300	1,500	1,80,000	60,000	...	...	...	30	12
(51)	"	On West Side of Over Bridge	...	60	300	36,000	...	...	...	...	50	3
(52)	"	East of K. D. Rly. Govand (Sector-A 14 units)	...	5,340	25,700	32,04,000	32,91,000	22,000	660	...	3,500	264
(53)	N	Ambekar Nagar Siddhart Nagar	...	250	1,250	1,50,000	1,90,000	1,200	30	...	33	12
(54)	T	Near Ceat Tyre Factory	...	450	2,250	2,70,000	2,70,000	1,000	30	...	170	...
(55)	"	Harijan Adivasi Colony	...	300	1,500	1,80,000	...	...	...	...	270	8
(56)	"	Near Rly. Siding Nana Pada Mulund	...	127	635	76,200	50,000	...	12	...	75	4
(57)	G/N	Mukund Nagar	...	2,260	11,300	4,33,036	2,00,000	1,000	50	...	200	10
(58)	"	Kala Killa	...	4,740	23,700	4,63,802	2,00,000	1,000	4	...	200	20
(59)	"	Khamba Devi	...	614	3,070	61,829	50,000	100	10	...	50	8
(60)	"	Shastri Nagar	...	960	4,800	2,25,588	1,00,000	330	20	...	130	10
(61)	"	Dhorwada	...	1,606	8,030	6,47,175	3,00,000	1,000	70	...	275	30
(62)	"	Kamla Nehru Nagar	...	526	2,630	1,83,238	1,00,000	500	20	...	100	8
(63)	K	Plot Opp. Potters' Colony	...	3,720	18,600	13,29,809	3,50,000	...	160	...	...	60
(64)	N	F. P. No. 273-274 T. P. S. III, Ghatkopar	...	330	1,650	37,720	...	10	...	...	...	...
(65)	M	Extension to Hutment Colony North of Slaughter House, Deonar	...	4,930	24,650	12,00,000	12,00,000	10,000	...	...	7,600	...

APPENDIX No. 2

Statement showing the work of Building Construction completed and those in progress in Zone I Area during the year 1974-75

Seril No.	Name of the work	Expenditure
		Rs.
A.—Works Completed		
<i>(a) Housing</i>		
1	Const. of 60 T/s at Body Guard Lines, Mahalaxmi	8,18,264
2	Const. of 64 T/s and 16 shops at Bane Compound	10,74,242
3	Const. of 230 T/s and 20 shops at Raoli Camp	21,11,329
4	Const. of 40 T/s at Sion Village	4,56,109
		44,59,944
<i>(b) Other than Housing</i>		
1	Const. of school building at Ferguson Road	15,24,665.00
2	Const. of school building at J. J. Hospital Compound	10,74,186.00
3	Additions and alterations on 2nd floor at Chhatrapati Shivaji Maharaj Market	2,30,496.00
4	Const. of C/ward office building at Chandanwadi, Sonapur lane	13,47,707.00
5	Const. of additional 5th floor at G. T. B. Hospital	7,45,791.00
6	Institute of Electric-physiology in Orthopaedic centre compound, Parel	4,10,332.00
7	Const. of Dispensary at Bane Compound	1,41,189.00
8	Providing Shikkar etc. to the Budha Mandir at Stable Street	4,200.00
9	Pile foundation for Welfare Centre at Sun Mill Lane	68,125.00
10	Pile foundation for school building at Kamathipura (Stable Street)	1,95,312.00
11	Const. of school building at Kakasaheb Gadgil Market	45,850.00
12	Const. of 2nd floor over the existing G/North Ward Office building at Woollen Mill Lane, Dadar	8,37,284.00
13	Replacing of Vitrum tiles by coloured glazed tiles at M. G. M. O. Swimming Pool at Dadar	1,26,354.00
14	Const. of Medical College Building Phase (I) at L. T. M. G. Hospital, Sion..	37,90,577.00
15	Expansion of A. C. water Leprosy Hospitals at Wadala	6,67,481.00
16	Const. of overhead tank on tower and suction tank and pump room at Raoli..	3,11,752.00
17	Const. of additional floor of school bldg. at Sion Matunga on Plot Nos. 271, 272 and 272A	4,48,042.00
		1,19,69,343.00

Serial No.	Name of Work	Estimated cost	Expenditure
		(Excluding 2½% supervision).	
		Rs.	Rs.
B.—Works in Progress			
<i>(a) Housing</i>			
1	Const. of Fire Brigade Head quarters at Byculla, Phase II	13,90,517.00	11,41,004.00
2	Const. of 240 T/s. at Haji Ali	26,10,846.00	18,28,748.00
3	Const. of 60 T/s. for Kasturba Hospital staff at Sané Guruji Marg	5,73,112.00	4,00,501.00
4	Const. of 120 T/s at Sion Village	13,31,793.00	8,05,688.00
5	Const. of 40 T/s at Chowney Gully	3,70,595.00	1,16,385.00
6	Const. of 20 T/s at Peru Chawl, Lalbaug	3,00,840.00	1,45,706.00
7	Const. of 106 T/s and 13 shops at Worli Hill Estate	14,82,217.00	1,85,911.00
8	Const. of staff quarters and recreation centre at G. T. B. Hospital, Sewri	17,96,400.00	4,20,701.00
		98,56,320.00	50,44,644.00
<i>(b) Buildings other than housing.</i>			
1	Remodelling of Babu Genu Market at Dockyard Road	8,32,941.00	4,58,031.00
2	Const. of additional 3 floors over Municipal Head Office Annexe Building	37,76,498.00	14,09,583.00
3	Superstructure work of kitchen and mortury block for B. Y. L. Nair Hospital	5,76,211.00	1,88,547.00
4	Extension of Dental College Bldg. at Nair Hospital	14,57,458.00	
5	Const. of dispensary, clinic and Nurses quarters on Plot No. 1257, Prabhadevi	4,43,171.00	32,529.00
6	Const. of office chowky, compound wall and levelling ground for keeping vehicles in Municipal custody at Dr. E. Moses Road	3,04,477.00	1,04,575.00
7	Waterproofing treatment to R. C. C. overhead tank, terrace and channels in Laboratory at Nair Hospital	60,500.00	54,467.00
8	Waterproofing treatment to kitchen pantries etc. at Nair Hospital	39,500.00	32,791.00
9	Proposed protective measures as M. P. Mill compound	3,56,864.00	81,454.00
10	Const. of school bldg. at Mahalaxmi	6,98,458.00	1,28,972.00
11	Proposed hill cutting and removal of dangerous boulders at Golanji Hill, Sewri	1,29,893.00	1,31,271.00
12	Construction of Building for Welfare Centre on F. P. No. 82 T. P. S. IV, Mahim, near Shree Cinema, Matunga	5,62,730.00	3,44,661.00
13	Remodelling of Shivaji Park Maidan, Dadar (Contract terminated)	2,18,856.00	77,281.00
14	Const. of school bldg. on plot Nos. 130, 121 at Sewri, Wadala	15,27,900.00	9,21,144.00
15	Const. of medical college bldg. Phase II at L. T. M. G. Hospital, Sion	47,56,100.00	33,33,823.00
16	Completing incomplete work of bldg. Nos. 3, 3A, at L. T. M. G. Hospital, Sion	16,51,100.00	14,20,613.00
	Total..	1,73,92,657.00	87,21,742.00

APPENDIX No. 3.

Statement showing the Road Construction Works Completed & those in Progress in Zone-I, during the year 1974-75.

A—Completed Works.

Serial No.	Name of the work	Actual Expenditure 1974-75
<i>I—Road resurfacing in Asphaltic concrete.</i>		
1	Resurfacing roads in T. P. Scheme Mandvi with asphalt macadam and asphaltic concrete.	Rs. 5,89,978.00
2	Resurfacing with asphalt macadam and asphaltic concrete Babasaheb Jayakar Marg from Maharshi Karve road to Sitaram Podar Marg.	2,71,173.00
3	Resurfacing Dharavi Road from Western India Tenneries to its junction with 200' wide Road.	2,23,234.00
4	Resurfacing with asphalt macadam and asphaltic concrete southern approach to Mahalaxmi bridge.	2,42,477.00
5	Resurfacing Rambhau Bhogle marg from Tank Bunder Road to Reay Road in asphalt macadam and asphaltic concrete.	5,73,268.00
6	Resurfacing N. C. Kelkar Marg from Gokhale Road to S. K. Bole Road Junction.	7,67,214.00
7	Reduction in central reservation Sion Road No. 26A and 26B bet. Maharshi Laxmibai Chowk and Jain Society and improving the surface of carriageway of Sion Road No. 26A and road No. 19 to M. L. Chowk.	1,84,088.00
8	Proposed widening of Sion Road No. 26A and 26B by addition of Central Reservation to the Road between Aurora junction to Jain Society road in cement concrete.	84,288.00
Total Rs.		29,35,720.00
<i>II—Road resurfacing in cement concrete Resurfacing Laxmi Narayan Lane...</i>		71,907.00
<i>III—New Roads.</i>		
1	Construction of 30.48 M. Wide road over covered Drainage channel between Elphinstone road and N. M. Joshi Marg.	5,89,077.00
2	Construction of road No. 19A, 20A, 21 in scheme 57, Sewri, Wadala.-.	97,074.00
Total Rs.		6,86,151.00
<i>V—Any other work.</i>		
Grand Total		36,93,778.00

B.—Works in progress.

Serial No.	Name of the work.	Estimated cost.	Expenditure booked upto 31-3-1975.
<i>I.—Road resurfacing works in Asphaltic concrete.</i>		Rs.	Rs.
1	Resurfacing with asphalt macadam & asphaltic concrete Jagannath Shankar Seth road from Krantiveer Vasudeo Balwant Chowk to Raja Ram Mohan Roy Marg.	11,58,504.00	10,22,859.00
2	Resurfacing with asphalt macadam and asphaltic concrete road junctions anywhere in city.	8,42,880.00	7,90,015.00
3	Resurfacing Sane Guruji Road from Sant Gadge Maharaj Chowk to junction with N. M. Joshi Marg in asphalt macadam and asphaltic concrete.	5,99,315.00	5,59,130.00
4	Resurfacing with asphalt macadam and asphaltic concrete Shamaldas Gandhi Marg from foot of Princess Street Flyover to Kalbadevi Road.	3,27,464.00	3,05,305.00

Serial No.	Name of the work	Estimated cost.	Expenditure booked upto 31-3-1975.
		Rs.	Rs.
5	Resurfacing with reconditioned asphaltic concrete Shaikh Memon Street from Kalbadevi road to Lokmanya Tilak Road.	3,34,337.00	2,61,618.00
6	Resurfacing with asphaltic concrete Jehangir Boman Behram Marg from Tardeo Junction to Bhadkamkar Marg.	3,74,767.00	2,76,987.00
7	Resurfacing with asphaltic concrete Jamshedji Jeejibhoy road from Byculla Bridge Junction to Maulana Shaukat-ali Road.	14,68,212.00	11,32,994.00
8	Reinstatement of trenches for laying 1800 mm. dia. water main and resurfacing western carriageway on Senapati Bapat Marg between Jagannath Bhatankar Marg and E. Moses Road.	29,30,155.00	10,25,317.00
9	Reinstatement of trenches for laying 1800 mm. dia. and 600 mm. dia. main along Senapati Bapat Marg between Sitaladevi Temple road and Jagannath Bhatankar Marg.	13,89,644.00	5,43,535.00
10	Resurfacing and widening 12.17 m. wide Sewri cross road between Sant Gnyaneshwar High School and 15.29 M. Wide cross road including laying of 400 mm. S. W. Drain.	5,25,856.00	4,77,767.00
11	Resurfacing and widening 30.48 M. wide Zakeria Bunder Road from junction of Sewri Road to junction of Sewri Station Road in asphaltic concrete.	17,57,626.00	9,95,333.00
12	Resurfacing and widening Sewri Koliwada Road between level crossing and Sewri Fort Road including widening wherever possible.	4,77,895.00	3,66,314.00
13	Resurfacing with asphaltic concrete mahim Causeway and widening on both sides between Mori Road and Western Express Highway.	7,21,097.00	2,54,423.00
14	Laying of underground S. W. Drain and resurfacing roads at Abhudaya Nagar Kalachowky.	8,32,142.00	65,714.00
15	Widening and resurfacing Mori Road in asphaltic concrete.	6,43,843.00	14,250.00
Total Rs.		94,25,278.00	59,17,760.00
<i>II.—Road resurfacing work in Cement Concrete.</i>			
1	Resurfacing with cement concrete carriageway of Garden Bridge ('S' Bridge) between N. M. Joshi Marg and Ambedkar Road.	3,13,641.00	2,61,054.00
2	Improving passages at Dargah Street in Cement concrete from Swantanryaveer Savarkar Marg to Fort Street at Mahim.	85,998.00	39,211.00
Total Rs.		3,99,639.00	3,00,265.00
<i>III.—Construction of New Roads.</i>			
1	Construction of 40', 50' and 60' wide roads in Tokersi Jivraj Adda off Tokersi Jivraj Road.	3,13,413.00	1,89,232.00
2	Construction of roads in Backbay Reclamation Scheme No. III in Asphalt Macadam and asphaltic concrete including laying S. W. Drains Phase-II.	22,03,610.00	11,31,063.00
3	Construction of passages known as Khambatta Lanes near Victoria Gardens P. O. at Byculla in Asphalt Macadam including laying 300 mm. dia. S. W. Drains.	1,86,580.00	1,57,074.00
4	Cutting high ground removal of excavated earth and extension of loop roads at Dharavi Dumping Ground.	5,15,135.00	2,70,706.00
5	Construction of proposed 4.5 m. wide approach road for water supply project stores at Marol.	1,23,786.00	69,809.00
6	Construction of proposed 21.95 M. wide road connecting Rajaram Mohan Roy Marg including 2.13 M. wide foot-path on both sides and construction of 230 mm. Sewer and 300 mm. dia. S. W. Drains.	2,33,584.00	2,03,496.00
7	Construction of 24.38 M. wide road near Radio Club off Arthur Bunder Road.	5,03,703.00	2,92,442.00

Serial No.	Name of the work	Estimated cost.	Expenditure booked upto 31-3-1975.
		Rs.	Rs.
8	Construction of 24.38 M. wide road from G. D. Ambedkar Marg to S. S. Rao Road.	10,11,310.00	6,67,952.00
9	Construction of proposed 18.3 M. wide road in Asphalt Macadam from Estrella Battery junction to Dharavi Road.	11,52,513.00	7,54,078.00
10	Construction of 15.25 M. wide road Opp. Paradise Cinema joining L. J. Road and Kapad Bazar including drainage work.	2,42,446.00	27,750.00
	Total Rs.	64,91,080.00	37,68,602.00
<i>IV.—Road widening.</i>			
1	Adding setback anywhere in 'D' Ward.	6,39,048.00	2,76,917.00
(i)	Ridge road near Wireless Receiving Station.	..	..
2	L. D. Ruparel Marg near Divyaloka Building.	..	..
3	Ridge Road near Ridge Apartment.	..	..
4	L. D. Ruparel Marg near Manek Building.	..	..
5	Nepean Sea Road near State Bank of India.	..	..
6	Nepean Sea Road near Bank of Baroda.	..	..
7	Little Gibb's Road near Aeropolic Building.	..	..
8	Pawwala Street near Vijay Chambers.	..	..
9	Bhulabhai Desai Road near B. E. S. T. Sub-Station.	..	..
10	Peddar Road off Carmichael Road.	..	..
11	Petit Road near Parsi General Hospital.	..	..
12	Chowpatty Sea Face from Birla Krida Kendra to V. P. Road, Junction.	..	..
13	Khotachi Wadi.	..	..
14	Kemp.s' Corner.	..	..
2	Adding setback anywhere in F/South Ward.	7,53,686.00	1,60,344.00
(i)	Widening Jagannath Bhatankar Marg at Parel T. T. Junction.	..	..
(ii)	Adding setbacks to S. S. Rao Road.	..	..
(iii)	Widening G. D. Ambekar Marg between Dabholkar Adda and Wadia Colony.	..	..
(iv)	Tokarsi Jivaraj Road at its junction with Gollanji Hill Road.	..	..
3	Adding setback lands in E, G/South and G/North Wards (1974-75).	6,90,535.00	35,901.00
(1)	Asphalting Fire Brigade Compound at Byculla 'E' Ward.	..	..
(2)	Adding setback near balkrishna Industrial Estate off Baburao Parulekar Marg G/North.	..	..
4	Adding setback lands anywhere in D Ward (1974-75).	13,50,515.00	28,875.00
(1)	At Rungta Lane construction of Ramp.	..	..
(2)	Altamount Road.	..	..
(3)	Kemp's Corner.	..	..
5	Widening G. D. Ambekar Marg in Asphaltic Concrete from its Junction with Dattaram Lad Path to Dabholkar Adda.	5,53,275.00	4,49,131.00
6	Adding setback land to G. D. Ambekar Marg from Acharya Donde Marg to Bhoiwada Junction.	6,26,195.00	1,32,731.00
	Total Rs.	46,13,254.00	8,06,982.00
<i>V.—Any other work.</i>			
1	Proposed demolition and reconstruction of damaged portion of Mahalaxmi Road OverBridge.	10,67,606.00	3,90,245.00
2	Proposed extension across Maharshi Karve Road of Railway's existing sub-way at Churchgate.	5,43,542.00	17,535.00
3	Re-building approaches to Sandhurst Road Over bridge.	6,85,412.00	3,99,815.00
	Total Rs.	22,96,560.00	8,07,595.00
	Grand Total	2,32,25,811.00	1,16,01,204.00

Appendix No. 4.

Statement showing details of repairs to roads and footpaths carried out by A. E. Asphalt departmentally.

Serial No.	Mode of Repair	Area in meters.	Amount
			Rs.
1	Repair with 3" sheet Asphalt.	114	2,593.50
2	Repair with Binder, Semi-dense, Asphaltic etc.	42436	5,27,322.05
3	Asphalt Roads repaired with chip coat G. Coat, surface coat etc.	51654	3,77,858.05
4	Bitumenous Road repaired.	30044	1,68,162.15
5	Seal coat laid on footpath	19031	1,08,415.00
6	Miscellaneous works carried out.	9120	47,201.20
7	Trenches repaired.	1385	14,319.10
8	Cracks filled on different Roads.	..	11,675.97
9	Undulation & humps removed on different roads.	..	7,118.75
10	Construction of speed Breakers.	..	9,216.81
11	Potholes repaired.	8447	97,666.57
	Grand Total	162231	1,371,549.15

APPENDIX No. 5

Statement showing the details of Asphalt Plants production during the year 1974-75.

Main Plant

Month	Maca-dam	Semi Dense	Asphalt concrete	Binder	Surface	Chip coat	Grit coat	Seal coat	Premix 1"	Premix 2"	Total
April 1974	1,32,330	5,59,260	14,640	3,30,630	2,01,460	63,530	...	28,370	13,30,220
May 1974	...	5,190	7,64,090	51,380	16,010	...	1,44,880	1,16,460	...	13,340	11,11,350
June 1974	...	1,32,720	1,92,070	89,030	1,89,100	20,420	2,74,700	10,240	...	1,30,010	10,38,290
July 1974	21,770	...	...	11,620	96,870	1,30,260
August 1974
September 1974
October 1974
November 1974	6,690	...	3,02,150	3,49,060	...	4,720	37,370	6,99,990
December 1974	6,480	18,940	7,14,080	2,67,980	...	26,750	31,430	10,65,660
January 1975	5,230	1,350	7,71,690	16,150	85,810	...	43,670	13,510	19,37,410
February 1975	2,52,250	5,550	1,37,000	4,01,710	16,86,670	16,500	31,200	5,100	10,17,980
March 1975	75,270	11,520	5,08,530	2,86,450	31,680	...	30,100	...	9,43,550
M.	...	1,37,910	14,21,240	7,31,260	16,55,910	20,93,360	15,24,240	2,06,730	1,48,060	3,56,000	82,74,710

Pegson Plant

Month	Binder	Surface	Chip coat	Grit coat	Seal coat	Premix 1"	Premix 1/2"	Total
April 1974
May 1974
June 1974
July 1974	10,880	6,54,540	6,65,420
August 1974	4,130	7,81,990	7,86,120
September 1974	6,64,090	6,64,090
October 1974	...	41,540	...	4,22,610	9,300	...	1,37,120	6,10,570
November 1974
December 1974
January 1975
February 1975
March 1975
M.	...	41,540	...	4,22,610	9,300	...	15,010	22,37,740

APPENDIX No. 6

Statement showing the rubble crushed and metal production during the year 1974-75.

Month	Rubble crushed brass	1½" production in brass	1" production in brass	1/2" production in brass	Grif and dust production in brass
April 1974	293.00	146.50	58.60	58.60	29.30
May 1974	248.00	124.00	49.60	49.60	24.80
June 1974	287.00	143.50	57.40	43.05	43.05
July 1974	265.00	132.50	66.25	39.75	26.50
August 1974	275.00	110.00	82.50	41.25	41.25
September 1974	275.00	110.00	82.50	41.25	41.25
October 1974	193.00	115.80	28.95	28.95	19.30
November 1974	168.00	109.20	16.80	25.20	16.80
December 1974	229.00	137.40	34.35	34.35	22.90
January 1975	261.00	143.55	52.20	39.15	26.10
February 1975	269.00	147.95	53.80	40.35	26.90
March 1975	211.00	116.05	42.20	31.65	21.10
Total	2974.00	1536.45	625.15	473.15	339.25

APPENDIX No. 7

Automatic Road Traffic Signals were installed at the following sites during the year.

1. Vasudev Balwant Phadke Chowk (Dhobitalao).
2. Madam Cama Road Jn. Netaji Subhash Road, Nariman Point.

APPENDIX No. 8

The regular lines were prescribed on the following roads under Section 297(i)(a) and 297(i)(b) during 1974-75.

CITY
1. Siri Road at Walkeshwar.
2. Sane Guruji Road between Gadge Maharaj Chowk to Dr. Anandrao Nair Road.
3. Road No. 22 between Sion Matunga Est. Scheme No. 6.
4. Raja Ram Mohan Roy Road and Balaram Street.
5. Shaikh Mishri Road between C. C. S. No. 53 and Darga.
6. Netaji Subhash Road (Western Railway) near Girls Hostel.
7. Sewree Koliwada Road between Port Trust Railway.

APPENDIX No. 9

List of Private Streets in which works have been completed:—

1. Private Street in Colaba Land Mill Scheme C—Portion E. F. near Strand Cinema, off Arthur Bunder Road.
2. Private Street in Tokersey Jivaraj Wadi off. Tokersey Jivraj Road (Portions H-I-J, I-K and N-K-L).
3. Private Streets known as Khambatta Lane near Victoria Garden Post Office, Off Dr. Babasaheb Ambedkar Road.

APPENDIX No. 10

Statement showing the number of the tenements constructed by private parties during the year 1974-75.

Ward	No. of one room tenements	No. of two rooms tenements	No. of block	Total
A	Nil.	19	89	108
B	Nil.	Nil.	Nil.	Nil.
C	Nil.	Nil.	Nil.	Nil.
D	Nil.	25	512	537
E	12	20	119	151
F/S	Nil.	Nil.	40	40
F/N	4	6	89	99
G/S	Nil.	6	261	267
G/N	20	37	218	275

APPENDIX NO. 11.

Detailed report of Total out-put of Municipal Foundry and revised rates for the year 1974-75.

Serial No.	Type of Castings.	Quantity	Weight in Kg.	Rate	Per	Amount
				Rs.	Each	Rs.
1	C. I. Manhole frames and covers complete	1580	383940	500.00	Each	4,74,000.00
2	C. I. Steps for MHF	12500	2500	7.00	"	17,500.00
3	C. I. O. P. Boxes.	4	135	35.00	"	140.00
4	C. I. S. T. Large Boxes.	26	390	20.00	"	520.00
5	C. I. round Boxes.	5	90	20.00	"	100.00
6	C. I. Gas Boxes.	7	133	4.00	Kg.	532.00
7	C. I. grating 20" x 19" x 2 1/2"	9	612	4.00	Kg.	2,449.00
8	Do. 19 1/2" x 18" x 2"	4	200	4.00	Kg.	800.00
9	Do. 19" x 19" x 2"	6	300	4.00	Kg.	1,200.00
10	Do. 18 1/2" x 18 1/2" x 2"	5	260	4.00	Kg.	1,040.00
11	Do. 18 1/2" x 18" x 2"	5	230	4.00	Kg.	920.00
12	Do. 8" x 8" x 2"	25	60	4.00	Each	100.00
13	Do. 6" x 6" x 2"	100	120	4.00	"	400.00
14	Do. 5" dia.	40	16	4.00	Kg.	64.00
15	C. I. machinable castings.	Lot	16000	4.00	"	64,000.00
16	C. I. Non-Machinable castings*	Lot	1000	2.50	"	2,500.00
17	C. I. Wheel 6" x 2"	Nil	...	...	...	...
18	C. I. Dhapa frames	12	350	4.00	Kg.	1,400.00
19	C. I. Chain K. D. Railway.	23	600	4.00	"	2,400.00
Non-ferrous						
20	Gun-metal casting 87-7-3-3-	Lot	3100	35.00	Kg.	1,08,500.00
21	Gun-metal casting 88-10-2	Lot	124	40.00	Kg.	4,960.00
22	Brass Casting.	Lot	341	25.00	Kg.	8,525.00
23	Copper casting.	Lot	12	45.00	Kg.	540.00
24	Alluminium Casting.	Lot	230	18.00	Kg.	4,140.00
25	Alluminium House No. plate.	456	...	8.00	Each	3,648.00
26	Filling white metal bearing.	6	...	85.00	Each	510.00
Total						7,00,887.00

APPENDIX No. 12

Statement showing the details of works carried out by electrical planning and design (City) Section during 1974-75

Item	No. of estimates prepared	Amount	No. of contracts awarded		Amount	
			Civil	Electrical	Civil	Electrical
		Rs.			Rs.	Rs.
(1) Schools	5	8,48,395.00	2	...	1,72,650.00	...
(2) Housing	7	7,42,050.00	2	...	49,190.00	...
(3) Lifts	...	...	...	4	...	4,57,550.00
(4) Hospitals, Dispensaries, Nurses Quarters, etc.	5	1,59,970.00	5	1	2,68,648.00	37,250.00
(5) Markets	3	3,27,062.00	1	...	...	3,08,803.00
(5) Head Office & Ward Offices	...	...	...	...	...	...
(7) Miscellaneous	9	18,36,100.00	1	...	21,250.00	...
Total	29	39,15,577.00	11	5	5,11,738.00	8,03,603.00

APPENDIX No. 13

Statement showing the details of works carried out by the Building Construction (Electrical Section) Zone I during 1974-75.

Serial No.	Description of the work	No. of works completed	Actual expenditure	No. of works in progress	Expenditure upto 31-3-1975
			Rs.		Rs.
1	(A) Electrification of and providing electrically driven water pumping sets at :—				
	(a) Residential Buildings ...	3	1,56,346.00	1	1,12,000.00
	(b) Schools ...	1	72,920.00	1	90,075.00
	(c) Offices ...	5	1,42,550.00	1	2,60,000.00
	(d) Hospitals ...	...	...	1	2,44,906.00
	(e) Maternity Home ...	1	1,03,566.00	...	...
	(f) Dispensaries ...	1	8,900.00	...	...
	(g) Fire Brigades ...	1	68,300.00	1	20,000.00
	(h) Laboratories ...	1	46,475.00	...	...
2	(B) Supply and installation of electric lifts at residential buildings, hospitals, offices, etc. ...	2	1,25,000.00	19	2,54,000.00
		15	7,24,057.00	24	9,80,981.00

APPENDIX No. 14

Statement showing the details of works carried out by Electrical Section (Plant and Machinery) during the year 1974-75.

Sr. No.	Nature of work.	No. of work orders received.	No. of Estimates prepared.	Total cost of estimates	No. of works executed departmentally.	Total cost	No. of works executed by contracts		Total cost		No. of Misc. purchase & Repairs.	Total cost	
				Rs.		Rs.	Work completed.	work in progress.	Works completed.	works in progress.		Rs.	Rs.
1	Providing electrical wiring installations, electrical connections, for power, lighting rewiring, etc.	530	24	4,60,974	489	2,98,560	7	...	46,945	...	...	---
2	Supply and installations of Water Pumping Sets	...	4	...	...	...	4	...	7,283	...	...	---
3	Supply and installation of lifts, inter-comunits, Geysers, capacitors Kitchen Equipments, etc.	...	12	32,67,165	...	...	5	1	62,280	13,200	...	---
4	Supply and installation of Ceiling, Table, Exhaust and Pedestal Fans, Air-circulators etc.	...	7	79,094	...	...	2	...	6,474	...	...	---
5	Supply and installation of Flourscent fittings, Due-flux Fittings, Gate Lights Flood Lights etc.	...	2	11,088	...	...	3	1	22,228	596	10	15,328
6	Purchase of cables and wires and other electrical accessories.	...	...	...	...	...	26	1	51,623	1,988	12	17,147
7	Supply of Busbars, Electric Motors, M. S. Boxes, Conduit Pipes, Switch fuses, Starters etc.	...	2	43,213	...	...	25	1	73,918	11,738	24	4,385
8	Repairs, rewiring of electrical Motors, Pumps, Repairs to ceiling Fans, Starters, Switchfuse and other electrical appliances and machines.	298	4	61,603	216	80,423	20	2	1,19,836	3,520	85	94,317	
9	Servicing and maintenance and repairs of electric lifts and Inter-cum-Units.	...	1	13,905	...	1,29,800	1	...	11,150	...	...	---
	Total	828	56	39,37,042	705	5,08,783	93	6	4,01,737	31,042	131	1,31,177	

APPENDIX No. 15

Statement showing the details of works carried out by Electrical Section—Ward Maintenance during the year 1974-75.

Serial No.	Type of Buildings.	NO. AND TYPE OF ESTIMATES.				Total cost of the Estimates	WORKS EXECUTED BY CONTRACTS								Total cost	
		Electrification works.	Providing Water Pumping Sets.	Providing Electric Fans, Fittings, Clocks, etc.	Providing Sound Systems.		Electrification works.		Providing Pumping sets, Starters etc.		Providing Electric Fans, Fittings, Clocks etc.		Providing Sound Systems.		Completed	In progress.
							Completed.	In progress.	Completed.	In Progress	Completed.	In progress.	Completed.	In progress.		
					Rs.										Rs.	Rs.
1	Chawls, Staff Quarters and Labour Camps	54	8	1	...	17,82,489	15	1	8	...	...	...	...	...	2,95,518	2,508
2	Schools	13	2	22	2	24,93,726	10	...	1	...	3	1	2	...	82,036	1,625
3	Markets and Industrial Estates.	7	...	...	...	80,102	5	...	...	...	...	...	...	...	23,322	...
4	Office Buildings and M. C.'s and Mayor's Bungalow	29	1	4	...	3,87,292	6	...	...	...	3	...	...	...	27,456	...
5	Maternity Homes, Dispensaries and Clinics	5	2	...	...	16,997	3	...	...	...	1	...	...	...	5,256	...
6	Cemeteries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Fire Brigade Stations	5	3	...	...	40,578	1	...	2	...	...	...	...	...	5,393	...
8	Birla Kreedha Kendra Welfare Centre, Gymnasium, etc.	...	...	...	...	...	4	...	...	...	...	1	...	...	13,821	3,215
9	Gardens and Fountains	19	9	2	...	5,97,949	19	5	3	...	...	...	...	...	1,61,956	71,166
10	P. S. Cs.	...	...	...	...	...	8	1	...	...	...	...	...	...	10,505	800
11	Refuse Sidings, Dumping Grounds, Dhobi Ghat, Transport Garages, Dog Kennels, Godowns, etc.	...	...	...	...	...	9	2	...	...	...	...	...	...	35,276	3,365
	Total	132	25	29	2	53,99,133	80	9	14	...	7	2	2	...	6-60,539	82,679

APPENDIX No. 16

Statement showing the details of works carried out by Electrical Refrigeration Section (City) during the year 1974-75.

Nature of proposal	No. of estimates prepared	Amount	No. of contracts awarded	Amount	No. of works completed	Total expenditure	No. of works in progress	Expenditure upto 31-3-1975
		Rs.		Rs.		Rs.		Rs.
(A) Loan Works								
Supply and installation of—								
(a) Central air conditioning plants.	17	52,41,676	9	23,88,660	3	3,98,861	10	11,52,565
(b) Packaged air conditioning Plants.								
(B) Revenue Works								
(1) Supply and installation of—								
(a) Window Model A. C. Units.	11	3,86,153	9	1,69,730	9	1,69,730	...	...
(b) Condensing Units.	...	...	1	25,750	1	25,750	...	...
(2) Repairs Works.	...	...	20	30,922	20	30,222	...	...
(3) Maintenance Servicing.	...	...	12	19,890	12	19,890	...	...
Total	28	56,00,826	51	26,34,752	45	6,44,453	10	11,52,565

APPENDIX No. 17

Deonar Abattoir

(A) Appendix showing the work completed.

Serial No.	Name of the work	Expenditure	Remarks
(1)	Construction of Administration building at Deonar Slaughter House (Including electrification work).	9,26,963.00	Account are to be finalised.
(2)	Construction of Rest Rooms for Live Stock Merchant at Deonar Slaughter House.	4,49,263.00	Do.

(B) Appendix showing the works in Progress.

Serial No.	Name of the work	Estimated cost	Expenditure upto 31-3-75
		Rs.	Rs.
(1)	Construction of Remaining Four Live Stock Market sheds at Deonar Slaughter House	34,78,472.00	17,88,650.00
(2)	Construction of 600 tenements for Labour Staff at Deonar Slaughter House including supply of Siporex material.	88,40,573.00	21,62,208.00
(3)	Construction of Dispensary at Deonar Slaughter House.	1,29,841.00	60,991.00
(4)	Construction of Shepherds Rest House at Deonar Slaughter House	3,44,040.00	1,11,073.00
(5)	Meat Van garage-cum-service Station Phase-I at Deonar Slaughter House	4,53,408.00	67,465.00
(6)	Water-proofing treatment to the R. C. C. folded plate roof over all the Live Stock Market sheds at Deonar Slaughter House	4,13,560.00	1,02,523.00
(7)	Electrification of—		
	(i) Loading and Unloading platforms at Antemortem inspection pens	1,64,285.00	86,214.00
	(ii) Rest Rooms for Live stock Market Sheds at Deonar Slaughter House	..	..

APPENDIX No. 18

Statement showing the works of building construction in progress and those completed in Zone II and III area (H, K, P and R, L, M, N and T) in the year 1974-75.

A.—Works Completed

(a) Housing

Serial No.	Name of the work	Actual expenditure upto 31-3-75
		Rs.
ZII Area		
(1)	Construction of shopping centre at Goregaon Municipal Colony (Mitha Nagar)	3,31,964.00
(2)	Construction of quarters for Medical Staff at Bhagwati Hospital at Borivli (West)	13,04,343.00
		16,36,307.00
(b) Building other than Housing		
(1)	Construction of Municipal Market on Plot No. 42B, 43, T. P. S. III, Vileparle (West)	22,92,418.00
(2)	Development of the Hindu Cemetery at Jogeshwari (West)	3,72,046.00
(3)	Construction of Maternity Home at Akurli Road, Kandivli (East)	3,96,945.00
(4)	Pile foundation for the proposed extension to the existing school building at Kher Nagar, Bandra (East)	84,071.00
(5)	Construction of the retaining wall at Goregaon (East)	6,14,120.00
		37,59,600.00
ZIII Area		
(6)	Construction of school building at G. V. Scheme, Mulund	9,20,017.00
(7)	Construction of school building at J. B. Road, Bhandup	14,35,096.00
(8)	Construction of school building at P. K. Road, Mulund	19,12,013.00
(9)	Expansion of Smt. M. T. A Hospital Mulund	3,59,061.00
(10)	Construction of Welfare Centre at S. G. Barve Nagar, Ghatkopar	1,58,134.00
(11)	Expansion of Seth V. C. Gandhi Seth M. A. Vora, Municipal General Hospital Rajawadi, Ghatkopar	12,99,826.00
(12)	Additional work of Expansion of Seth V. C. Gandhi and Seth M. A. Vora, Municipal General Hospital, Rajawadi, Ghatkopar	1,86,899.00
(13)	Construction of Temp. fire Station at Deonar	-96,684.00
(14)	Expansion of Bhabha Hospital, Kurla	3,23,394.00
(15)	Construction of a school building at Sahakar Nagar, Chembur	7,07,433.00
	Total	73,98,557.00

B.—Works in Progress

(a) Housing

Serial No.	Name of the work	Estimated cost	Actual Expenditure upto 31-3-75
		Rs.	Rs.
ZII Area			
(1)	Construction of 16 tenements at Shradhanand Road, Vile Parle (East)	3,68,780.00	13,573.00
(2)	Construction of 324 tenements and 12 shops at Powell's Land, Kandivli (West)	37,69,073.00	16,30,693.00
(3)	Construction of quarters for Medical Staff and Nurses at the newly constructed Hospital at Juhu Development Scheme Vile Parle (West)	46,94,802.00	25,43,129.00
(4)	Construction of 240 tenements on Powell's Land, Kandivli (West)	25,38,643.00	15,96,192.00
	Total	1,13,71,298.00	57,83,587.00

(b) Building other than Housing

ZII Area

(1)	Construction of Municipal workshop for Municipal Transport Division at Santacruz (West).	22,85,813.00 (The estimates are being revised).	28,62,261.00
(2)	Construction of Municipal General Hospital-cum-maternity Home on Plot No. 34, T. P. S. III, Santacruz (East).	37,61,450.00	21,48,513.00
(3)	Construction of Municipal Market at Mor Bunglow, T.P.S. I, Vile Parle (East).	16,09,965.00	12,96,601.00
(4)	Construction of Maternity Home and Dispensary at Nivetia Road, Malad (East).	21,59,569.00 (The estimates are being revised).	16,55,830.00
(5)	Extension to the Bhagwati Hospital, at Borivli (West)	10,67,661.00 (The estimates are being revised).	15,02,222.00
(6)	Construction of school Building at Gazdar Park Scheme, Santacruz (West).	13,93,402.00	9,36,912.00
(7)	Development of Plot No. A-1 in the J. V. P. D. Scheme, into a Garden. (Contract terminated).	3,71,027.00	1,45,603.00
(8)	Construction of a School Building at Datey's Plot, Malad (West).	19,94,341.00	14,30,186.00
(9)	Construction of a school building near Namani Compound Malad (West).	16,49,293.00	7,00,709.00
(10)	Construction of Fire Bridgade Station at Poisar, Kandivli	21,96,674.00	3,52,660.00
(11)	Construction of school building at Sodawala Lane, Borivli	26,91,975.00	1,09,194.00
(12)	Construction of school building at Rajda Nagar, Borivli	19,63,500.00	2,09,928.00
(13)	Construction of school building at Quarry Road, Malad (East).	24,92,944.00	78,876.00
(14)	Construction of school building at Pahadi Village, Goregaon (East).	23,45,362.00	2,16,010.00
(15)	Construction of Rescue Shelter Garage and Staff Quarters at Juhu Beach (Work suspended).	2,77,071.00	87,358.00
(16)	Construction of Swimming Pool at Sidharth Nagar, Goregaon.	13,78,250.00	..
		2,96,38,297.00	1,37,32,863.00

Serial No.	Name of the work	Estimated cost	Actual Expenditure upto 31-3-75
		Rs.	Rs.
Zone III Area			
(17)	Construction of 200 tenements at Match Factory, Lane, Kurla.	22,99,762.32	9,93,818.00
(18)	Construction of Fire Brigade Station at Mulund ..	17,76,338.00	12,70,617.00
(19)	Construction of staff quarters at M. T. A. Hospital, Mulund.	5,42,932.00	4,71,252.00
(20)	Construction of school building at Kanjur Village ..	6,81,652.00	4,55,000.00
(21)	Construction of school building at Tembepada, Bhandup	6,28,757.21	..
(22)	Construction of superstructure for school building at Pant Nagar, M. H. B. Colony, Ghatkopar.	16,65,441.00	4,49,344.00
(23)	Construction of superstructure for school building at Kannamwar Nagar, Vikhroli.	19,06,274.00	1,69,109.00
(24)	Extension to 'L' Ward Office building, Kurla ..	14,09,598.63	7,52,894.00
(25)	Construction of a school Building at Nehru Nagar, Kurla	22,57,807.68	6,11,114.00
(26)	Const. of 'T' Ward Office Building at Mulund (West)	19,28,852.55	11,92,576.00
(27)	Extension of a school building at Match Factory Lane, Kurla.	2,71,027.97	2,08,535.00
(28)	Providing amenities to the Hindu Cemetery at Charai, Chembur.	2,78,526.22	1,31,876.00
(29)	Providing amenities to the Hindu Cemetery at Beggars Home, Chembur.	4,05,006.05	98,491.00
(30)	Construction of Municipal Market at Chembur Naka ..	20,40,429.43	3,05,145.00
(31)	Construction of a school building at Mankhurd, Bambotwadi.	10,68,636.66	1,16,801.00
(32)	Construction of a school building at Dr. Juvekar's Plot at Chunabhatti, Kurla.	6,291.45	..
(33)	Completing the incomplete work of existing Bhabha Hospital, Kurla.	3,00,253.09	8,853.00
		1,94,67,586.26	72,35,425.00

APPENDIX No. 19

Statement showing the works of Road Construction in progress and those completed in Zone II and III area in the year 1974-75.

A.—Works Completed

Serial No.	Name of the work	Actual cost
		Rs.
<i>Zone II Area</i>		
(1)	Construction of Private Passages at Jawahar Nagar, Khar	.. 9,25,378.00
(2)	Widening of S. V. Road and Providing side walk at Bandra Tank	.. 3,19,232.00
(3)	Construction of S. W. Drain along 14, 16, 30th Road, T. P. S. III, Bandra	2,19,374.00
(4)	Widening of Nehru Road, Santacruz	.. 7,73,033.00
(5)	Improving and widening C. S. T. Road, Santacruz	.. 10,33,819.00
(6)	Widening of S. V. Road from Church Avenue to Tilak Road, Santacruz	.. 5,71,269.00
(7)	Construction of 9.15 M. Service Road in the West of W. E. Highway between near to Pump Station and near to T. P. Line.	8,36,754.00
(8)	Resurfacing junction V. P. Road Turner Road at Bandra	.. 2,67,958.00
(9)	Construction of Pipe Culvert across Kala Nagar Road and Kucha excavation upto Bridge on Bandra Dharavi Road.	7,74,882.00
(10)	Construction of culvert and S. W. Drain K Ward, Andheri	.. 2,25,703.00
(11)	Construction of S. W. Drains Housing Board area near D. N. Nagar, Andheri	1,42,924.00
(12)	Construction of Cement-concrete passages and Dr. R. N. Cooper Hospital, Juhu, Vile Parle (West).	99,049.00
(13)	Widening and Improving Roads in T. P. S. II, Vileparle	.. 1,49,685.00
(14)	Site-investigation of proposed jetties and vehicular bridge at Versova and Madh.	89,161.00
(15)	Improving roads in Loards Colony, Malad	.. 1,47,869.00
(16)	Construction of S. W. Drains and footpaths along Potdar Road, Malad..	1,38,038.00
(17)	Construction of 6.7 mt. W. B. M. Road at Aarey Colony, Goregaon	.. 1,90,113.00
(18)	Construction of approach road to Tourist Centre, Malad	.. 7,58,509.00
(19)	Repairs to the embankment of the approach road to Kurar Village, Malad..	2,38,000.00
(20)	Widening and Improving of Bharucha Road, Dahisar	.. 2,18,225.00
(21)	Construction of S. W. Drains in Ashok Nagar, Kandivali	.. 1,76,632.00
(22)	Construction of connecting tank behind Pednekar Wadi, Aarey Road to Gogte Wadi, Nalla at Churiwadi, Goregaon.	1,36,947.00
		84,32,554.00

Serial No.	Name of the work	Actual Expenditure
Zone III Area		Rs.
(I) Road surfacing work in asphalt concrete		
	<i>Nil.</i>	..
(II) Road surfacing works in cement concrete		
(1)	Widening of the culvert on Old Sion Trombay Road near Chunabhatti Rly. Station (with pile foundation).	3,91,230.00
(III) New Roads.		
(1)	Const. of S. W. Drains along L. B. S. Marg bet. Kurla Court to S. G. Barve Marg.	..
(2)	Const. of part portion of 18.30 M. wide road bet. R. C. Marg and Deonar on the north of Kurla Mankhurd Railway.	1,24,063.00
(3)	Const. of asphalt road and drain bet. pipe line and Gamdevi Road, Tembepada, Bhandup.	63,435.00
(4)	Const. of road and side drains along Private Street bet. Jangal Mangal Road and Tembepada Road (Sanmansingh Road). Bhandup.	94,450.00
(5)	Const. of road and drain leading to Utkarsh Nagar (Jamil Nagar), Bhandup	2,20,600.00
(6)	Const. of road and drain from the Junction of Nardas Nagar to the Boundry of Shivaji Nagar, Tembepada, Bhandup.	63,828.00
(7)	Const. of road and side drain at Zuri Nagar off. Quarry Road, Bhandup ..	60,979.00
(8)	Const. of road along Ganesh Gawade Road portion between R. H. B. Road and Zaver Road at Mulund (West), with side drains.	52,152.00
IV Road Widening.		
(1)	Widening and improving dumping road bet. R. P. Marg and L.B.S. Marg and providing S. W. Drains at Mulund.	89,723.00
(2)	Widening of Nahur Gaothan Road and providing S. W. Drains, Mulund ..	1,72,088.00
(3)	Widening and improving of Jatta Shankar Dosa Road and providing S. W. Drains, Mulund (West).	2,52,192.00
(4)	Widening and improving Devi Dayal Road bet. L. B. S. Marg and Purshottam Kheraj Road, Mulund (West).	3,60,143.00
(5)	Widening and improving James Beachy Road in grouting and providing S. W. Drains at Bhandup.	2,148.00
V Any other work		
(1)	Lowering high ground level along the alignment of the proposed Chembur Mankhurd Link Road passing through Deonar Refuse Dumping ground.	7,14,221.00
VI S. W. Drains.		
(1)	Const. of approach road to proposed sewage pumping station at Brahmanwadi off Pipe Road, Kurla and providing S. W. Drains.	1,61,499.00
(2)	Providing S. W. Drains in Municipal Colony known as Ramabai Nagar, Ghatkopar.	1,52,508.00
(3)	Providing S. W. Drains along the road at Sahakar Nagar, Chembur ..	..
(4)	Providing S. W. Drains along the Road including const. of cross culverts at Subhash Nagar, Chembur.	..
VII Training of nalla.		
(1)	Training of Nahur Nalla between P. K. Road and Rly. culvert including construction of culvert at A, B at Mulund (West) Part I.	1,51,331.00
(2)	Training of Chittaranjan Nagar Nalla bet. Station Road and the constructed Nalla at Vidyavihar, Ghatkopar.	3,03,791.00
(3)	Training of nalla at Tilak Nagar, Chembur ..	1,03,799.00
(4)	Training of nalla from the culvert across L. B. S. Marg to Mithi River at Kurla (West).	2,69,739.00
(5)	Training of Marvali Nalla at Chembur ..	2,21,114.00
(6)	Training of nalla from the culvert at the junction of M. N. Road with L. B. S. Marg upto Mithi River Kurla (West).	1,79,770.00
(7)	Training of B. C. Nalla and remodelling of culvert at B at Barve Nagar (H. S. Valley), Ghatkopar.	90,017.00
(8)	Training of A. C. Nalla and remodelling of culvert at A at Barve Nagar (H. S. Valley), Ghatkopar.	99,174.00
		43,93,994.00

(B) Work in progress

Serial No.	Name of the work	Estimated cost	Actual Expenditure upto 31-3-75
		Rs.	Rs.
<i>Zone II Area</i>			
(1)	Construction of service road Parallel to Western Express Highway from Bandra to Nehru Road, Sant-cruz.	14,32,766.00	9,91,392.00
(2)	Construction of S. W. Drains from level crossing to 17 Bldg., Bandra.	2,45,452.00	-85,439.00
(3)	Construction of S. W. Drains M. H. B. Bandra ..	12,36,682.00	4,47,843.00
(4)	Construction of 9.15 M. Service Road, from M. H. B. Office to Tranning School, Bandra.	3,92,425.00	3,71,454.00
(5)	Construction of Road at Collector layout at Danda Village, Bandra.	3,80,692.00	3,05,411.00
(6)	Construction of 9.15 M. Service Road, on East and West of Express Highway, Khar, Bandra.	6,81,565.00	5,45,788.00
(7)	Resurfacing of S. V. Road, from Santacruz Depot to Andheri Naka.	27,27,701.00	19,60,506.00
(8)	Construction of 100' Road J. V. D. P. Scheme, Andheri	18,83,055.00	14,46,457.00
(9)	Construction of Service Road along W. E. H. from Andheri Kurla Road to K/P Ward.	30,14,590.00	13,60,978.00
(10)	Improving 60' J. V. D. P. Scheme North of Irla Nalla..	14,77,349.00	5,01,789.00
(11)	Improving 100' road in J. V. D. P. Scheme North of Irla Nalla.	15,14,407.00	4,59,237.00
(12)	Construction of 12.20 M. T. wide Link Road joining Juhu Road (West) and Royal Turner Lane and Juhu Vile Parle (West) including S. W. Drains.	1,22,868.00	67,536.00
(13)	Construction of Service Road from Aarey Road to L. B. Patel Road on the West of W. E. H. Goregaon (East).	3,00,925.00	1,42,974.00
(14)	Widening of Gorai Manori Road from Gorai Creek to Malad Beach.	7,38,888.00	3,99,560.00
(15)	Construction of Uttan Gorai Road Borivali 2800 Metres	9,20,402.00	7,73,133.00
(16)	Construction of S. W. Drains at Kandivali Industrial Estate.	14,09,192.00	12,26,840.00
(17)	Construction of Jetties at Gorai Creek in R Ward, Borivli (West).	13,00,315.00	5,26,129.00
(18)	Construction of proposed service Road at Borivli (East) from 100' Link Road to 78' D. P. Road.	5,66,480.00	3,70,153.00
(19)	Construction of culverts at road leading to Mahindra and Mahindra Kandivali.	2,10,671.00	1,70,670.00
(20)	Construction of Dahanukar Wadi Bridge, Kandivali..	3,35,168.00	2,60,220.00
(21)	Construction of cement concrete passages in Gorai Manori and Culvem Village in P and R Ward.	8,81,639.00	82,450.00
(22)	Construction of Nalla M. H. B. (Remaining portion) at Borivali (West).	3,73,609.00	2,77,469.00
(23)	Construction and Training of Nalla at Pushpa Park, Malad (East).	15,14,295.00	2,02,430.00
(24)	Training of Nalla passing through Nandadeep School and Nandadeep Co-op. Housing Society.	2,13,792.00	1,85,748.00
(25)	Construction of S. W. Channel from Vileparle Subway upto L. I. C. Staff Quarters at Vile-Parle (West).	2,31,932.00	80,377.00
(26)	Construction and training of Nalla from W. E. H. upto old Nagardas Road at Andheri (East).	14,40,983.00	74,521.00
(27)	Training of Nalla from Marol Village upto Andheri Kurla	14,22,774.00	1,95,951.00
(28)	Training of nalla from Khar Subway to W. E. H. at Khar	8,58,679.00	1,72,259.00
(29)	Construction of Training of Mogra Nalla (Remaining portion) at Andheri (East).	7,77,071.00	1,44,666.00
(30)	Training of nalla near Hanjar Talkies upto Issac Tabela, Jogeshwari.	9,01,935.00	4,83,054.00
(31)	Training of Koldongri Nalla at Andheri (East) ..	9,00,582.00	5,63,288.00
		<u>3,04,08,884.00</u>	<u>1,48,75,722.00</u>

Serial No.	Name of the work	Estimated cost.	Expenditure booked upto 31-3-1975.
		Rs.	Rs.
Zone III Area			
<i>I.—Road surfacing work in asphalt concrete.</i>			
(1)	Regarding S. G. Barve Marg under Old Bombay Agra Road Bridge and providing S. W. Drains from Mehtab Lane to L. B. S. Marg.	8,57,564.00	1,70,308.00
(2)	Improving bad patches in the surface of the carriageway of L. B. S. Marg from Sion to Premier Automobile Road, Kurla.	16,75,943.00	1,910.00
(3)	Proposed improvement to the carriageway of Dr. Rajendra Prasad Road, Mulund in Asphalt macadam and providing S. W. Drains.	6,14,041.00	2,56,353.00
(4)	Resurfacing of M. G. Road and R. C. Marg from Rajawadi to Chembur level crossing.	4,95,720.00	3,38,180.00
<i>II.—Road surfacing work in cement concrete</i>			
<i>Nil.</i>			
<i>III.—New Roads</i>			
(1)	Const. of D. P. Road in Survey No. 14, Chembur ..	3,54,423.00	1,153.00
(2)	Construction of Chembur Govandi Road between Sarasvati Co-op. Hsing Society and Govandi Station Road and providing S. W. Drains.	13,31,398.00	..
<i>IV.—Road widening.</i>			
(1)	Widening and improving Kanjur Village Road and providing S. W. Drains.	12,64,157.00	4,31,542.00
(2)	Widening and improving surface with asphalt macadam of Dr. Choithram Gidwani Road from Golf Club of Panjar-pole and providing S. W. Drains.	19,53,575.00	5,31,081.00
(3)	Widening and improving of road leading to Mankhurd Rly. Station from V. N. Purav Marg and providing S. W. Drains.	6,95,051.00	2,91,340.00
(4)	Widening and improving Deonarpada Road of: V. N. Purav Marg and providing S. W. Drains.	5,56,055.00	-2,281.00
(5)	Widening and improving R. C. Marg between Chembur Naka and Burmah Shell level crossing and providing S. W. Drains.	25,60,746.00	4,73,175.00
<i>V.—Any other work.</i>			
<i>Nil.</i>			
<i>VI.—S. W. Drains.</i>			
(1)	Construction of S. W. Drains in Municipal Colony at Barve Nagar, Ghatkopar.	8,66,712.00	84,249.00
(2)	Providing S. W. Drains along M. G. Road from 7th Road Rajawadi to Nalla near Garodia Nagar.	2,23,295.00	1,411.00
(3)	Construction of S. W. Drains in Tilak Nagar, Chembur	12,01,493.00	2,72,413.00
(4)	Providing S. W. Drains in S. S. III, Chembur ..	22,15,579.00	4,92,776.00
<i>VII.—Nallas.</i>			
(1)	Training of nalla from the culvert across Rly. Refinery Siding upto the culvert across E. E. Highway at (Kurla (East) Stage IV.	13,21,878.00	5,98,051.00
(2)	Training of Nahur Nalla bet. P. K. Road and Rly. culvert including const. of culvert of Mulund (West), Part II.	10,67,154.00	3,79,278.00
(3)	Training of nalla from Municipal Dispensary to block 1/34 including remodelling of culvert at Parksite Colony, Vikh-rolia (West).	5,34,088.00	2,15,167.00
(4)	Training of nalla at Childrens' Home Mankhurd ..	3,46,788.00	2,46,958.00
(5)	Training of nalla passing through M. A. Mehta Estate bet. pipe lines and culvert across L. B. S. Marg at Ghatkopar (West) Part I.	6,19,420.00	3,15,643.00
(6)	Do. Do. Part II ..	8,58,123.00	1,79,643.00
	Total ..	2,15,13,203.00	52,72,902.00

APPEXDIX No. 20

Statement showing the private roads taken over by the Corporation in the Suburbs and Extended Suburbs during the year.

Serial No.	Name of the road.
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R Ward

- (1) Road from Talepakhadi to Thakurpakhadi, Borivali.
- (2) Gavan Road from Mandpeshwar Road to Bridge, Dahisar.
- (3) Road leading to Medon- Colony, Borivali.
- (4) Damupada Road, Kandivali.

T Ward

- (1) Road taking off from Gopal Krishna Gokhale Road leading to Madhav Niwas.
- (2) Powai Chowk to Darga Via. Khindipada.
- (3) Bhandup Sonaur (Lalbahadur Shastri Marg) to Khindipada.
- (4) Hindustan Chowk to Hanuman Mandir Road.
- (5) Shivaji Chowk to Hanuman Pada.
- (6) Nehru Raad to Wadarwada leading to temple (Shindewadi).
- (7) Road from Ranjit Society to Dean Dayal Upadhyia Marg.
- (8) Damle Colony Road.
- (9) Kaju Tekdi Road.
- (10) Datar Colony Road.
- (11) Jamil Nagar to Samarth Nagar.
- (12) Kokan Nagar to J-mil Nagar.
- (13) Utkarsha Nagar Road to Jamil Nagar Road.
- (14) Sai Vchar Road off Tembipada Road.
- (15) Pratap Nagar Road leading to Hodekar Chawl.
- (17) Shivaji Nagar Mandir to Navhiwan School.
- (18) Passage Parallel to W. W. mains tembepada leading to existing P. S. C. S.
- (19) Buddha Mandir to Gamdevi Road *via*. steps.
- (20) Tembepada School to Tembepada Village.
- (21) Passage joining Lake Road and Gamdevi Road, Bhandup.
- (22) Passage from Gamdevi Road to Anthony Church, Bhandup.
- (23) Passage from Maharashtra Nagar to Joaquim Compound.
- (24) Road between J. M. Road and Dorakhi Baug, Bhandup.
- (25) Road leading to Bhandup Reservoir.

APPENDIX No. 21

Action under Section 305 of the B.M.C. Act to improve the private streets in Suburbs and Extended Suburbs.

Serial No.	Name of the Street.
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- (1) Road in Pestom Sagar Scheme.

APPENDIX No. 22

The regular lines were prescribed on the following Suburban Roads under Section 297(i)(a) and 297(i)(b) during the year 1974-75.

1. Golibar Road at Ghatkopar.
2. Swami Vivekanand Road between Vile-Parle Subway and Vaikunthabhai Mehta Road.
3. Nahur Road between Nahur Village and Nehru Road.
4. Navghar Road at Mulund.
5. Extension Road between Jayprakash Road and Ceaser Road at Andheri.
6. 24th Road and V. P. Road at Bandra (West)
7. Goshala Road at Mulund (West).
8. Dr. Rajendra Prasad Road between Jawahar Talkies and Netaji Subhash Road at Mulund
9. Jawahar Nagar Road No. 2, Goregaon (West).
10. Jawaharlal Nehru Road between Santacruz Station and Santacruz Cantoment.
11. S. G. Barve Marg between Kurla Station and Express Highway.
12. Gandhi Gram Road, Juhu.
13. Fair deal Laboratory Road, Bandivli, Jogeshwari.
14. Juhu Road from Military Road to 40'-0" wide Juhu 'K' Ward,
15. Shree Nagar Society at Goregaon.
16. Road to Malvani Colony from Marve Road to Malad (West).
17. Road Opp. TIPCO at Malad (East).
18. Jitendra Road at Malad (East).
19. Balika Vidyalaya at Kandivli (West).
20. Subhash Road Extension at Kandivli (West).
21. Nagoji Bhiku Patil Road, Chembur.
22. 30' wide Road going through Navgita Co-op. Housing Society Ltd.
23. Kajupada Road at Barve Nagar, Ghatkopar.
24. Jivadaya Lane Extension, Ghatkopar.
25. Road from Babu Genu Market to Kajupada Road, Ghatkopar.

APPENDIX No. 23

Automatic road traffic signals and Flashing Beacons were installed in Suburbs at the following sites during the year.

Automatic Road Traffic Signals

S. G. Barve Marg Junction E. E. Highway Chembur.

Flashing Beacons

- (i) Chembur Naka.
- (ii) Ghatkopar Link Road Junction E. E. Highway.
- (iii) Godrej Colony Junction E. E. Highway.
- (iv) Godrej Subway Junction E. E. Highway.
- (v) Opp. Kannamwar Nagar on E. E. Highway.
- (vi) Opp. Kannamwar Nagar-2 on E. E. Highway.
- (vii) Vikhroli Station Road Junction E. E. Highway.
- (viii) Opp. Government Railway Police Colony on E. E. Highway.

APPENDIX No. 24

Statement showing the number of tenements constructed by private parties during the year 1974-75.

Wards	No. of one room tenements	No. of two room tenements	No. of larger tenements usually known as blocks	Total
H	37	417	1322	1776
K	112	566	1354	2032
P	38	23	9	70
R	93	64	21	178
L	34	293	94	421
M	111	432	391	934
N	335	841	375	1551
T	325	704	200	1229
Total	1085	3340	3766	8191

APPENDIX No. 25

Statement showing the details of works carried out by Electrical Planning and Design Section (Subs) during 1974-75.

Item	Description	No. of Estimates prepared	Amount	No. of Contracts awarded		Amount	
				Electrical	Civil	Electrical	Civil
			Rs.			Rs.	
(1)	Schools	6	9,75,225.00	...	10	...	9,73,181.00
(2)	Housing	3	4,36,970.00	...	1	...	11,320.00
(3)	Lifts	2	2,50,000.00	6	...	5,75,000.00	...
(4)	Hospitals, Dispensaries, Nurses Quarters etc.	3	7,92,200.00	...	2	...	2,78,100.00
(5)	Markets	...	...	...	1	...	71,320.00
(6)	Ward Offices	...	...	...	...	...	...
(7)	Miscellaneous	4	3,49,850.00	3	4	20,624.00	4,02,925.00
Total		18	28,04,245.00	9	18	17,36,846.00	5,95,624.00

APPENDIX No. 26

Statement showing the details of works carried out by Building Construction (Elec. Section) Zone II and Zone III during 1974-75.

Serial No.	Description of the work	No. of Works completed	Actual expenditure	No. of works in progress	Expenditure upto 31-3-1975	
						Rs.
Electrification of and providing electrically driven water pumping sets at :-						
(1)	Schools	Z-II ...	2	67,911.00	3	47,992.00
		Z-III ...	3	2,66,000.00	9	1,27,000.00
(2)	Ward Offices	Z-II ...	...	...	1	31,226.00
		Z-III ...	...	...	2	66,000.00
(3)	Hospital, Dispensary, Maternity Home, staff Quarters	Z-II ...	12	29,740.00	5	2,58,479.00
		Z-III ...	1	3,64,500.00	5	7,72,400.00
(4)	Markets	Z-II ...	2	1,66,056.00	1	11,251.00
		Z-III ...	1	12,000.00	...	...
(5)	Housing	Z-II ...	...	...	2	...
		Z-III ...	1	2,21,000.00	...	...
(6)	Gardens	...	...	...	...
(7)	Cemeteries	Z-II ...	1	34,036.00	...	...
		Z-III ...	...	...	1	...
(8)	Welfare Centre	Z-II ...	...	...	1	4,674.00
(9)	Fire Engine Station	Z-III ...	...	...	1	...
(10)	Miscellaneous	Z-III ...	2	72,000.00	1	42,000.00
(11)	Providing Electric lifts	Z-II ...	...	...	5	...
		Z-III ...	1	1,05,000.00	...	...
Total		...	26	13,38,243.00	37	13,61,022.00

ESTATE & LAND MANAGEMENT DEPARTMENT

Summary of the Annual Administration Report for the year 1974-75.

This is the Report for the year 1974-75.

Following is the factual and statistical information about working of the Department, during the year.

(1) Money spent by the Corporation.

Budget A & } Rs. 4,76,55,467
Budget B. }

(2) Results achieved—

(a) Recoveries of Rent from tenants and lessees Rs. 1,93,20,523

(b) Other Recovery Rs. 2,43,933

(3) Suggestion for remedying any deficiencies—

Amendments to Section 105-B in Municipal Act has been proposed so as to avoid procedural delay on account of legal procedure laid down under Section 105-B of the B. M. C. Act, for Recovery of Rent and the matter is still in progress.

(4) Such other special information.

The department is concerned with the management of Municipal properties, recovery of rent, allotment of tenancies and leasing of plots.

S. S. SANZGIRI,
Ward Officer. (Estates).

ESTATE AGENT AND LAND MANAGEMENT DEPARTMENT.

I.—CHANGES IN LAYOUT.

There were no changes in the Layouts of the Ex-Trust Estates.

II.—REVIEW OF THE EX-TRUST AND MUNICIPAL SECTION.

A.—Ex-Trust Section.

There were no changes in Schedule X, Y and Z Lands. The changes effected in the other Ex-trust Estates are shown in Appendix-I.

The undeveloped land at present with the Corporation is approximately 494 acres which covers the land at Dharavi Scheme 56.

B.—Municipal Section.

6 plots in Municipal Scheme have been disposed off in the year 1974-75 as shown in Appendix 2.

The statement below indicates the progress of the disposal of the Municipal land during the previous years.

Year.	No. of plots	Area in Sq. Metres.	Capital Value.
			Rs.
1971-72	4	7,071.90	10,74,595.00
1972-73	2	268.40	52,970.50
1973-74	3	15,110.25	38,46,045.00

III.—SLUM, CLEARANCE.

The following new tenements were completed during the year under report :—

- (1) Construction of 40 T/s at Sion Village.

IV.—INDUSTRIAL ESTATES.

The construction of Industrial Estates has been taken by Corporation for rehabilitation of the Industrial Units required to be shifted from the lands required for Municipal purposes.

No new gala for Industrial Estates was completed during the year under report.

V.—NEW HOUSING SCHEMES.

The following new tenements were completed during the year under report :—

- (a) Construction of 144 T/s at Deonar.
 (b) Construction of 40 T/s at Sion Village.
 (c) Construction of 252 T/s at Deonar.

2. Housing of Squatters. The number of Squatters families authorised for residing at Mankhurd and Jogeshwari Colonies were 2464 and 1957 respectively.

The recoveries of rent in both the colonies were Rs. 1,18,399 and Rs. 1,20,698 during the year against the demand including the arrears of Rs. 13,86,397 and Rs. 3,84,193 respectively.

3. The recoveries of rents of the dormitory at Palton Road amounted to Rs. 36,462 during the year.

VI.—DISPOSAL OF LANDS.

(1) Long Leases.

Eleven Plots were let out during the year. The total area of the land thus disposed of admeasures 9751.18 Square Meters valued at Rs. 26,20,736.40. The total No. of plots disposed of upto the end of 74-75 were 4370 with an area of 53,23,553.61 Square Meters and valued at Rs. 14,64,56,325.50 yielding an annual ground rent of Rs. 59,60,564.00. In respect of plots for which premium or commutation amount had not been received, the ground rent was commuted at 22½ times the annual ground rent of plots before 23rd November 1920. After this date the ground rent was charged at 6% p. a. on the value of the land and the rate at which the same was commuted was 18 times the annual ground rent. Since 6th May 1948 the ground rent was charged at 5% P. A. on the value of land and the amount of commutation allowed was at 21 times the annual ground rent (vide C. R. No. 157 dated 6th May 1948.)

Where the period of commutation expired, the lessees were allowed to commute at the rate of 28 times the annual ground rent reserved (vide Corporation Resolution No. 1031 dated 11th February 1943). At present the ground rent is charged at 7% on the value of land and the commutation is stopped from the 1st July 1962 (vide Corporation Resolution No. 557 dated 20th September 1962).

The progress in the disposal of Trust lands on permanent basis during the year is shown in Appendix No. 3.

The details of leasehold plots disposed off are shown in Appendix 3A. A statement of permission granted in respect of leased plots for the year is shown in Appendix No. 4.

The amount received by way of commutation of ground rent and premium etc. during the year was Rs. 3,39,489.

A Comparative statement showing the number of permanent lease hold plots with the demand and collection as on 31st March of the past four years is shown in Appendix 5.

The amount received by way of commutation of ground rent and premium during the year 1971-72 to 1974-75 are shown in Appendix 6.

As can be seen in the Appendix No. 5 *vide* Item No. 8 percentage of 27.12 arrears could be attributed mostly to the usual tendency on the part of the prospective lessees to withhold payment of ground rent to the extent to cash security deposited by them with a view to getting the same adjusted towards the ground rent. The main items of arrears which constitute a part break up of Rs. 21,01,867 pertaining to 'B' Budget shown in Appendix No. 7 and of Rs. 33,142 pertaining to 'A' Budget shown in Appendix No. 8 can be classified as under :—

	Rs.
(1) Ground rent withheld by lessees to the extent of their security deposits ..	1,46,749
(2) Ground rents in respect of Plots occupied by Government of Maharashtra and Defence Department. ..	3,98,966
(3) Ground rent in respect of properties vested in the Deputy Custodian of Evacuee Property. ..	62,555
(4) Ground rent in respect of Plots against which disputes have been raised and their cases are under consideration. ..	3,08,553
(5) Ground rent due from Western and Central Railways. ..	18,009
(6) Ground rent due from Municipal Department. ..	89,272
Total Rs. ..	10,24,104

(2) Short Leases.

No temporary leases was granted during the year under report.

The number of vacant land tenancies both ex-Trust and Municipal Estates excluding those given in Mankhurd and Jogeshwari Colonies were 4974 and 1088 respectively at the close of the year. The demand for vacant land tenancies in Ex-Trust Estates and Municipal lands for the year under report was Rs. 8,17,349 and Rs. 5,58,220 and the recovery was Rs. 6,63,309 and Rs. 5,81,530 respectively inclusive of arrears.

VII.—MANAGEMENT OF PROPERTY AND COLLECTION OF REVENUE.

A.—Trust Section.

(a) *Chawl permanent.*—The gross demand of tenements in the Chawls for the year was Rs. 37,45,422 on 31st March 1975 as against Rs. 34,84,610.

The concessional rent includes the rents of room let out to the peons of the different departments in lieu of house rent allowance and rent free quarters allowed to 193 sweepers of this department.

The collection on account of rents from the permanent chawls during the year amount to Rs. 34,68,023 deducting therefrom the charges on account of outgoing amounting to Rs. 59,97,502 net loss comes to Rs. 25,29,479.

A statement showing yearwise receipt and expenditure pertaining to 'B' Budget properties is shown in Appendix No. 9.

The capital expenditure incurred on the chawls including the value of the land is Rs. 246 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 percent. per annum on the capital expenditure incurred in subsequent years and 4.24 per cent. in respect of those constructed after 1950. This amounts to 12.96 lacs per annum (*vide* Appendix 10). After adding the amount of net loss into the amount of interest and sinking fund charges as shown in Appendix No. 10 the A/c for the chawl show a loss about Rs. 19,98,710 (as shown in the said Appendix column No. 11).

(b) *Semi permanent sheds.*—The gross demand in respect of 7,404 rooms in the Semi Permanent Sheds including Labour Camps for the year was Rs. 20,46,649. The net demand after excluding the concessional rent and vacancies was Rs. 19,23,403. The revenue actually collected comes to Rs. 19,83,901 which was equivalent to 72.65 per cent of the total recoverable rent including arrears of Rs. 27,30,487 for the previous year.

Pursuant to the Standing Committee Resolution No. 80, dated the 15th April 1946, 193 scavengers out of 570 belonging to the Department were allowed rent free occupation and the remaining members were in receipt of house rent allowance.

The percentage of outgoing in respect of the Chawls and Semi-permanent sheds are shown in Appendix 11 on the basis of annual rental of Rs. 40,17,405 for chawls and Rs. 20,77,959 for semi-permanent sheds total outgoing being 156.79 per cent. and 192.17 per cent respectively.

Amounts transferred to Rent Equalisation Fund and Amenity Fund were Rs. 1,78,178 and Rs. 59,391 respectively. The difference between the standard rents worked out on 5 per cent. of the cost of land and 10 per cent., on the cost of construction of post-war residential tenements and the subsidised rents actually charged are to be met from the Rent Equalisation Fund.

Revenue collected from tenements constructed for slum clearance was Rs. 25,31,357 (Appendix 7A) against the demand of Rs. 27,71,995 inclusive of arrears. The tenements constructed under slum clearance (City) and (Suburbs) are shown in Appendix No. 12.

Acquired properties.—At the commencement of the year there were 433 acquired or surrendered buildings in charge of this department containing 6626 tenancies. At the close of the year, corresponding figures were 437 building and 6674 tenements.

The gross demand of 6674 tenements in the acquired and re-entered buildings was Rs. 13,90,732. After excluding the amount for concession in rent and vacancies the net demand for the year was Rs. 13,87,047.

The revenue actually collected amounted to Rs. 13,59,079 which was equal to 68.26 per cent of the total recoverable amount including arrears of Rs. 19,91,008 for the previous year.

Summary of revenue.—The total collection of revenue from leasehold plots and rent and ground rent from Buildings Vacant and tenancies and slum clearance properties are shown in Appendix 7 and Appendix No. 7A.

Requisitioned Buildings.—The management and collection of rent in respect of 17 properties having 415 tenancies requisitioned from private landlords for A. R. P. purposes were continued to be looked after by this department. The demand inclusive of arrears in respect of these tenancies for the year was Rs. 1,33,288 and the recovery was Rs. 76,779 which was equal to 57.60 per cent of the total recoverable amount.

During the year under review, the demand and recovery of taxes aggregated to Rs. 43,357 and Rs. 44,717 respectively. The arrears due to for collection at the close of the year stand at Rs. 3,60,728.

B.—MUNICIPAL SECTION.

Details of the total collection of revenue in respect of Municipal properties under Budget 'A' are shown in Appendix No. 8.

Tenements constructed under Budget 'A' for Municipal General Staff are shown in Appendix No. 13.

S. S. SANZGIRI,
Ward Officer (Estates)

APPENDIX No. 1
Statement showing the total areas of developed land

Change in				As at the beginning of 1974-75	As at the end of 1974-75
				Sq. meters in thousands	Sq. meters in thousands
Developed Land					
Area permanently leased	...	...	...	63,44.19	63,53.94
Area of trust chawls sites	...	...	...	158.86	158.86
Area sold	...	...	...	7.53	7.53
Area reserved for a Municipal Market	...	...	...	0.97	0.97
			Total	6511.55	6,521.30
Rent of permanently leased area in rupees (in thousands)	...	...	...	7297.13	7440.24

APPENDIX No. 2
Number of plots disposed of in different Municipal lands in the City during 1974-75.

Land	C. S. No.	Area in Sq. Mts. Rs.	Capital Value Rs.	Annual ground rent Rs.	Value paid if any Rs.
(1) Land at Falkland Road.	1/261, 2/261 3/361 262 (part) of Tardeo Division.	1,805.98	5,44,511.00	38,116.00	..
(2) Land at L. G. P.	C. S. No. 47 (pt.)	45.93	8,267.40	579.00	..
(3) Land at Sane Guruji Road.	1 (pt) and 2 (pt) of Lower Parel Division.	443.00	1,32,500.00	51.00	..
(4) Land at Bread Market Street, Fort.	..	140.95	1,16,318.00	8,142.00	..
(5) Land at Byculla.	1840 (pt.) of Byculla Division.	511.69	92,104.00	6,447.00	..
(6) Land at Mogul House.	80, 1/80, 2/80 of Lower Parel Division.	941.48	1,69,466.00	11,863.00	..
Total		3,889.03	10,63,166.40	65,198.00	

APPENDIX No. 3
Statement showing the disposal of Ex-Trust Plots during 1974-75.

Particulars.	No. of Plots	Area in Sq. Mts.	Capital value		Annual rent	
			Rs.	Rs.	Rs.	Rs.
Plots leased on rental basis	...	...	...	...	...	...
Plots disposed of in 1973-74 or earlier but surrendered to the Municipality	5	5862.00	15,575.70	77,913.00		
Corresponding figures for disposal of plots						
1973-74	5	4447.99	5,29,351.00	10,500.00		
1972-73	2	611.40	77,570.50	5,229.94		
1971-72	3	56463.02	40,73,711.00	3,40,600.00		

APPENDIX No. 3A.
Number of Plots disposed of in the different Ex-Trust Estates during 1974-75.

Estate	Plot No.	Area in Sq. Mts.	Capital value		Ground rent per annum		Premium received if any.
			Rs.	Rs.	Rs.	Rs.	
(1) Sion Matunga Scheme 6	4 & 5	2,153.00	7,72,496.00	54,075.00		..	
(2) Sion Matunga (West) Scheme 6.	Land between Plot No. 6 & 6A	569.55	1,36,692.00	9,551.00		..	
(3) C. S. No. 6 Sion Matunga (East)	7	727.43	54,557.00	3,819.00		..	
(4) C.S.Nos. 83,84 (pt) 85 (pt)..		1,743.27	93,825.00	6,568.00		..	
(5) Naigaum Scheme 60	188	668.90	5,00,000.00	3,500.00		p. a.	
Total	..	5,862.15	15,57,570.00	77,513.00		..	

APPENDIX 4,

Statement of permissions granted in respect of leased plots for 1974-75.

Description	No. of proposals.	Premium	Ground rent
		Rs.	Rs.
Motor Garages	...	Nil	Nil.
Additional floors	...	2685.00	44,179.00
Change of users and Miscellaneous proposals such as encroachments, Basement floors Canopies, temporary structures, Gallery Projections, Rewas projections, Oil Projections, Lofts and Mezzanine floors etc.	...	Nil.	Nil.
Fines	...	600.00	...
Transfer fees	...	19,000.00	...

APPENDIX N : 5.

Comparative statement of demand, collection, etc., in respect of permanently leased plots :—

Particulars.	1972	1973	1974	1975
(1) Number of Tenancies	3,745	3,752	3,557	4,133
(2) Opening balance of arrears in lacs of rupees	19.77	21.73	21.31	19.26
(3) Demand for the year in Lacs of Rupees	45.96	46.72	47.23	51.75
(4) Total demand including arrears in lacs of rupees	65.74	68.45	68.59	71.01
(5) Amount collected in lacs of rupees	48.22	51.24	49.53	52.75
(6) Percentage of collection to the demand including arrears	73.34	74.85	72.20	74.19
(7) Percentage of collection to the demand for year	104.90	109.69	104.75	101.93
(8) Percentage of arrears to amount for collection	33.05	31.13	32.82	27.12

APPENDIX No. 6

Capital Account

(Figures in Lakhs)

Particulars	1971-72		1972-73		1973-74		1974-75	
	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
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
RECEIPT.								
Loan	...	2,378.56	...	2,378.56	...	2,378.56	...	2,378.56
Discount or Premium	...	-15.01	...	-15.01	...	-15.01	...	-15.01
Sale Proceeds	3.16	835.51	6.38	841.89	4.41	846.30	4.31	850.61
Appropriation from General Account	45.10	-96.08	143.34	47.26	25.29	72.55	62.02	134.57
Special contribution from Government	...	59.00	...	59.00	...	59.00	...	59.00
Release of Debentures lodged with Government	...	42.60	...	42.60	...	42.60	...	42.60
Extraordinary receipts	...	25.10	...	25.10	...	25.10	...	25.10
Miscellaneous	...	...	...	...	...	...	...	...
Total	48.26	3229.68	149.72	3379.40	29.70	3,409.10	66.33	3475.43
EXPENDITURE								
<i>I.—On Govt. and Municipal Property</i>								
Schedule 'W'	...	13.50	...	13.50	...	13.50	...	13.50
Do. 'X'	...	16.20	...	16.20	...	16.20	...	16.20
Do. 'Y'	...	4.70	...	4.70	...	4.70	...	4.70
Police Accommodation Schemes	...	91.60	...	91.60	...	91.60	...	91.60
Total	...	126.00	...	126.00	...	126.00	...	126.00
<i>II.—On the Trust own acquired lands</i>								
Cost of Management and Estab	2.08	337.05	3.33	340.38	2.81	343.19	5.65	348.84
Acquisition of land	-2.86	1,057.52	0.11	1,057.63	...	1,057.63	28.66	1,086.29
Chawls	12.99	598.62	28.48	627.10	14.51	641.61	12.71	654.32
Roads	6.51	717.84	8.79	726.63	13.53	740.16	11.71	751.87
Other works	4.49	96.34	8.20	104.54	...	...	...	104.54
Mill companies chawls	...	7.70	...	7.70	0.81	8.51	16.75	25.26
Total	28.93	2,815.07	48.81	2,863.98	31.66	2,855.64	75.48	2,971.12
<i>III.—Miscellaneous—</i>								
Office Buildings	...	4.50	...	4.50	...	4.50	...	4.50
Other items	...	12.30	...	12.30	...	12.30	...	12.30
Total	...	16.80	...	16.80	...	16.80	...	16.80
<i>IV.—Disposal of Profits</i>								
...
<i>V.—Debentures lodged with Govt.</i>								
...	...	42.60	...	42.60	...	42.60	...	42.60
<i>VI.—Repayment of Loans</i>								
...	12.96	840.04	38.40	878.44	31.86	910.30	50.00	960.30
Total	12.96	882.64	38.40	921.04	31.86	952.90	50.00	1,032.90
Total Expenditure	41.89	3,840.51	87.31	3,927.82	63.52	3,991.34	125.48	4,168.82
Balance	6.37	-610.33	62.01	548.52	33.82	582.24	-59.15	-641.39

APPENDIX No. 7.

Summary of Revenue of 'B' Budget Properties for 1974-75.

Particulars	Collection of Revenue		
	Permanent	Temporary	Total
Demand for the year	49,13,073	84,95,828	1,34,09,901
Arrears	18,72,059	52,37,094	71,09,103
Total	67,85,082	1,37,33,922	2,05,19,004
Amount collected	49,59,076	77,25,916	1,26,84,992
Variation in demand for the previous year carried out during the year	+2,75,860	+2,18,781	+4,94,641
	...	-3,03,734	-3,08,734
Amount written off under S. C. R. Nos. 1911 & 2090 of 9-10-74 and 23-10-74	...	34,098	34,098
Arrears as on 1st April 1975	21,01,856	58,83,955	79,85,821
Arrears as on 1st April 1974	18,72,009	52,37,094	71,09,103
Arrears as on 1st April 1973	21,31,124	54,23,285	75,54,409

Note.—Figures in appendix No. 7 are subject to Reconciliation.

APPENDIX No. 7A

Summary of revenue of 'B' Budget properties under Slum Clearance for 1974-75.

Particulars.	Collection of Revenue		
	City	Suburbs	Total
Demand for the year	20,66,260	7,05,735	27,71,995
Arrears	6,28,345	2,95,393	9,23,738
Total	26,94,605	10,01,128	36,95,733
Amount collected	18,61,234	6,68,628	25,29,921
Variation in demand for the previous year carried out during the year	+36,515	+86,604	+1,23,119
	-1,22,217	-28,582	-1,50,799
Amount written off under S. C. R. Nos. 1911 & 2090 of 9-10-74 and 23-10-74.	1,435	...	1,435
Arrears as on 1st April 1975	7,46,174	3,90,522	1,13,697
Arrears as on 1st April 1974	6,28,345	2,95,393	9,23,738
Arrears as on 1st April 1973	5,51,721	3,98,494	9,50,215

Note.—Figures in Appendix No. 7A are subject to reconciliation.

APPENDIX No. 8.

Summary of Revenue of 'A' Budget Properties for 1974-75.

Particulars.	Collection of Revenue.		
	Permanent	Temporary	Total
Demand for the year	2,62,213	40,71,932	43,34,145
Arrears	54,336	15,02,730	15,57,066
Total	3,16,549	55,74,662	58,91,211
Amount collected	2,89,520	38,16,390	41,05,610
Variation in demand for the previous year carried out during the year	+6,113	+1,52,023	+1,58,136
	-8	-51,887	-51,887
Amount written off under S. C. R. No. 1911 of 9-10-74	—	140	140
Arrears as on 1st April 1975	33,142	18,58,568	18,91,710
Arrears as on 1st April 1974	54,336	15,02,730	15,57,066
Arrears as on 1st April 1973	39,955	15,61,809	16,01,764

Note.—Figures in Appendix No. 8 are subject to Reconciliation.

APPENDIX No. 9

Analysis of General Account

(Figures in Columns 2 to 12 shown in lakhs)

Year	RECEIPTS						EXPENDITURE					Balance appropriated Capital Account	REMARKS
	Rents.	Municipal contribution	Share of tobacco duty	Int. r. at on investmen ^t	Miscellaneous	Total	Maintenance	Municipal rates and taxes	Int. r. at and sink- ing fund	Miscellaneous	Total		
(1)	(2)	(3)	(3A)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Rs.	Rs.	Rs.	Rs.	R.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1898-1899	1.9	—	—	—	—	1.9	1.1	—	—	—	1.1	1.8	
1899-1900	0.7	—	—	0.8	—	1.5	0.2	0.2	—	—	0.4	1.1	
1900-1901	0.9	4.9	—	1.6	—	7.3	0.3	0.2	2.2	—	2.7	4.6	
1901-1902	1.2	4.9	—	1.5	—	7.5	0.4	0.2	2.5	—	3.1	4.4	
1902-1903	1.4	5.0	—	35.	—	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	12.3	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	3.5	—	2.4	0.1	14.2	2.2	1.0	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	—	2.0	—	32.7	*2.4	1.2	21.4	0.3	25.3	16.09	
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	23.6	7.9	
1916-1917	27.2	11.0	—	2.5	0.1	40.8	3.1	1.7	23.8	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	23.3	
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	49.7	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	49.5	23.1	—	6.3	2.3	80.2	11.3	3.8	90.2	—	105.3	-2.51	
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	—	103.7	-24.3	
1930-1931	50.2	23.1	—	2.7	0.2	76.2	10.2	3.4	92.1	—	105.7	-29.3	

Rent received in 1898-99 was mainly rent under Schedule 'Z'.

* Includes interest paid to Government and the Municipality under Section 68 (1) of the old Act as shown below :-

Year	Government Rs.	Municipality Rs.	Total 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	63,194	37,431	1,06,625
1913-14	54,644	27,668	82,312
Total	2,96,486	1,81,457	4,77,943

* Includes an amount of Rs. 1,23 lakhs still to be adjusted.

1931-1932	49.3	23.5	...	1.4	0.1	74.3	10.5	3.3	4.3	...	18.1	+58.2
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	...	94.4	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
1945-1946	60.3	28.4	7.5	4.3	0.5	101.0	20.0	4.4	77.6	...	102.0	-1.0
1946-1947	60.1	30.0	8.6	4.7	0.3	103.7	23.1	4.6	76.6	...	104.3	-0.6
1947-1948	67.9	30.0	9.2	5.5	0.3	112.9	24.2	4.4	77.1	...	105.7	+7.2
1948-1949	59.0	31.7	2.0	5.4	0.6	98.7	31.0	4.7	77.0	...	112.7	-14.0
1949-1950	60.7	32.9	10.0	5.9	0.7	110.2	29.8	4.7	76.3	...	110.8	-0.6
1950-1951	59.4	34.6	10.0	5.8	0.5	110.3	32.1	4.9	77.4	...	114.4	-4.1
1951-1952	60.8	36.3	10.0	5.8	0.6	113.5	28.5	5.9	76.5	...	110.9	+2.6
1952-1953	63.58	35.84	7.42	5.32	0.73	112.89	33.8	9.1	75.89	...	118.79	-5.9
1953-1954	68.13	36.99	10.0	5.25	0.66	121.03	37.49	7.5	76.15	...	121.14	-1.1
1954-1955	71.83	39.62	13.0	5.07	0.83	127.35	40.42	7.37	75.95	...	123.74	+3.61
1955-1956	68.61	39.89	6.38	3.78	0.64	119.30	45.86	2.45	75.62	...	123.93	-4.63
1956-1957	68.68	43.75	5.00	4.10	0.93	122.46	44.16	7.38	75.19	...	127.03	-4.57
1957-1958	67.24	44.53	14.56	4.39	0.26	130.98	40.14	7.71	76.12	...	123.97	+7.01
1958-1959	67.22	46.04	7.56	2.86	0.38	124.66	41.58	6.65	75.92	...	124.15	-0.09
1959-1960	69.78	47.44	7.64	1.95	0.70	127.51	41.31	7.85	75.82	...	124.98	+2.53
1960-1961	78.19	47.27	5.11	1.39	0.55	132.51	47.97	7.75	76.81	...	132.53	-0.02
1961-1962	78.45	54.67	5.13	3.21	0.68	142.14	45.62	7.86	81.36	...	134.84	+7.30
1962-1963	80.13	54.84	...	2.25	0.69	137.91	44.02	9.02	88.69	...	136.73	+1.18
1963-1964	84.20	56.36	...	3.76	0.59	144.91	57.04	8.47	87.98	...	153.49	-8.58
1964-1965	85.55	54.85	10.00	3.96	1.93	156.29	58.68	12.11	89.39	...	160.18	-3.89
1965-1966	104.96	80.14	...	1.86	1.03	187.99	79.53	14.26	87.85	...	181.64	+6.35
1966-1967	106.48	84.86	10.00	3.38	0.54	205.26	87.75	16.10	94.91	...	198.76	+6.50
1967-1968	100.31	95.95	3.47	0.11	0.63	200.27	98.74	21.04	101.14	...	220.92	-20.65
1968-1969	106.13	101.08	9.60	(D.R.)0.05	1.02	217.18	79.09	14.03	101.71	...	194.83	+20.05
1969-1970	122.79	121.78	0.39	3.35	3.63	251.94	10.82	17.18	10.12	...	233.07	+18.87
1970-1971	124.37	183.17	...	1.63	7.24	316.41	149.26	20.36	102.25	...	271.87	+44.54
1971-1972	132.09	290.20	...	6.42	4.28	342.59	164.30	35.12	98.47	...	297.89	+45.10
1972-1973	149.21	219.20	...	7.63	160.39	536.14	256.47	38.26	98.35	...	393.68	+143.35
1973-1974	157.41	218.11	...	9.30	60.72	445.24	27.73	43.97	97.26	...	419.56	+25.8
1974-75	154.18	245.15	...	8.69	69.52	476.54	27.74	46.91	81.54	...	400.19	+337.68
Total to the end of 1974 75	4183.02	3277.93	293.06	277.51	334.77	8367.29	265.62	510.40	4770.99	32.40	7,979.41	608.91

Particulars of Municipal (Improvements) Chawls Cost, Net Annual Returns

Serial No.	Name of the Chawl.	Year in which the site of chawls appropriated of construction of chawls	Total area of chawls sq. Metres	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 1/2 per cent or management and establishment	Cost of work value of the land management and establishment charges columns 6 and 7	Interest and Sinking Fund charges on capital out lay 461 per cent on column 8 up to 1919 and thereafter at 63/8 per cent.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			Sq. Metre	Rs.	Rs.	Rs.	Rs.	Rs.
1	1-4 Agripada A Chawls	1900	6091.21	8	50,995	1,85,505	2,36,500	10,903
2	5-16 Agripada B Chawls	1903	9970.85	6	71,550	5,41,639	6,13,189	28,269
3	31-32 } Agripada C Chawl	1903	5226.65	6	37,506	2,79,182	3,16,688	14,599
4	38-40 } 45-46 } Chandanwadi Chawls	1904	8080.36	15	1,44,960	3,76,915	5,21,875	24,059
5	26-27 } Imamwada A Chawls	1905	11239.26	13.8	1,81,467	4,98,562	6,80,029	31,349
6	29,30&31 } 50 Imamwada B Chawl	1905	793.49	13.8	12,811	19,368	32,179	1,483
7	33-37 Mandvi-Koliwada Chawls	1908	3485.83	75	3,12,675	2,76,040	5,88,715	27,140
8	52 Workmens Cottages Matunga	1905	789.31	5	4,720	12,083	16,803	774
9	17-18 Nagpada C Chawls	1903	2148.02	7	17,983	82,358	1,00,341	4,676
10	39 Nagpada A Chawl	1904	1755.04	7	14,693	99,776	1,14,469	5,277
11	28 Princess Street Chawls	1907	1237.47	30	44,400	42,417	86,812	4,002
12	42-44 } 47-49 } Suparibaug Chawls	1910	6756.77	48	36,364	3,39,878	3,76,242	17,345
13	52-57 Chinch Bunder Chawls	1913	7103.76	26,66(d)	2,26,560 (a)	6,79,622	6,06,182	27,945
14	86-95 Cottage Blocks (Old)	1920	2324.44	10	27,800	36,069	63,869	4,056
15	58-61 Clerk Road Chawls	1921	3495.86	15	62,715	4,39,814	5,02,529	51,911
16	62 Pais Street Chawls	1921	2858.73	15	51,285	1,70,863	222,145	14,106
17	63-66 Mominpura Chawl (Old)	1921	6488.37	15	1,16,400	4,31,655	5,48,055	34,801
18	67-72 Three room tenements Scheme 5	1922	4689.85	6	33,654	2,64,717	2,98,371	18,946
19	73-78 Two room tenements, Scheme 6	1922	3540.17	6	25,404	2,91,972	3,17,376	20,153
20	79-85 Cottage Blocks (New)	1922	6528.50	6	46,848	69,312	1,16,60	7,376
21	Blocks 1-19 Bellas Road Chawls	1922	29853.19	19	6,78,376	25,75,065	32,53,441	2,66,594
22	1-16 Mazgaon Chawls	1922	24315.50	10	2,90,810	21,77,079	24,67,889	1,56,711
23	1 Mominpura Chawls (New)	1923	3270.10	20	78,220	3,14,276	3,92,496	24,923
24	1-23 Love Lane Chawls	1925	11176.50	188	2,47,289	11,36,407	13,83,696	87,865
25	1-10 Sydenham Road Chawls	1925	10698.28	16	2,04,720	7,78,071	9,82,791	62,407
26	1-2 Paltan Road Chawls	1946	2721.60	25	81,373	2,32,503	3,13,878	19,931
27	3 Paltan Road Chawls	1952	9551.86	50	92,777	3,48,544	4,41,321	28,024
28	A-J Sewri Chawls	1956	5554.41	25	1,66,075	5,06,514	6,72,589	28,120
29	Naigaon Chawls	1957	3362.08	40	1,60,840	5,59,481	7,20,321	29,110
30	Sion Chawl.	1958	927.27	40	44,360	1,40,842	1,85,202	7,997
31	Wadala Chawls 112 Tenements	1959	2897.19	40	1,38,640	6,27,259	7,65,899	32,474
32	Wadala Chawls 272	1960	10068.68	40	4,81,680	15,55,841	20,37,521	86,391
33	Wadala Chawls 144	1961	6765.13	5	4,04,550	8,92,806	12,97,356	55,008
34	Wadala Chawls 160	1961	6212.45	50	3,71,600	10,13,999	13,85,499	58,745
35	Wadala Chawls 224	1961	7836.21	50	4,68,600	14,87,658	19,56,258	82,945
36	60 T. Morbag	1963						
37	Tenements at 144 S. G. Marg	1968						
38	Jasmine Mills Rajeshri Shahu Nagar	1967						
39	10 Steps 40 R. Sion Koliwada	...						
40	Deonar New colony	1967						
41	36 T. Worli	1969						
	Total ..	-	2,65,288	-	54,30,602	1,91,81,087	2,41,14,689	12,96,415

(a) Rs. 8-0-0 for 8 larger rooms (double) rooms having partition inside.

(b) Re-presentations

(c) This figure represents the value of Rs. 40 per sq. ft. of the site situated between the 23 road and the Railway and measuring 5,664 sq. yds. figure is arrived at by dividing By 8.496 yds.

A- Includes room for free milk sweepers

B-Rooms used for Office and Stores.

C-do temporarily occupied by Schools.

E-do. do. do. Shops.

F-do. do. do. Gymnasium

G-do. do. do. Clubhouse

No. 10

Number of tenements, full letting value.

Gross annual rent	Annual profit + or loss— i.e. 40.29 per cent. of column 10-9.	Percentage of rate annual return* 49.29 of col. (10) of capital cost (col. 8)	Total Number of rooms.	Number of floors including ground floor.	Floor area of tenements including Verandah.	Rent per room as on 31-3-1962 inclusive of increase in taxes.	Economic rent Ex-clusive of increase in taxes.	Number of rooms living purposes.	Number of rooms let for Shops, Godowns, or Municipal purposes
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Rs.	Rs.				Sq. ft.	Rs. P.			
45,855	-10,713	9.13	312	3	175	7 49	8 14 0	276	1-B, 5-D & 50-E
58,528	-580	4.70	658 258 433	4	110	10 40	7 10 0	926	20-E
1,11,710	-40,463	17.39	674	4	142	7 75	8 1 0	414	18-E, 1-F
1,17,274	-33,745	11.08	857	4	177	7 49	8 12 0	633	2-D, 9-E
1,15,127	-23,914	7.97	30	4	125	9 36	10 6 0	846	2-B, 4-C & 5-D
1,02,771	-23,516	8.60	278	4	135	8 95	9-13, 10-1 10-5	30	308-E-26-G
1,988	-205	5.83	15	1	160	11 93	17 5 0	222	
18,556	-4,470	9.12	144	4	176	9 96	12 7 0	144	
19,928	-4,545	8.58	144	4	120	8 31	9 10 0	144	
10,129	-991	5.75	481	4	148	8 31	9 0 0	64	1-B, 1-F
59,670	-12,066	7.82	14	1	160	10 34	13 6 0	372	33-G
89,921	-16,377	7.31	405	2	176	8 64	38 0 0	320	4-E
5,127	-6,583	3.96	14	1	275	7 76	15 13 0	131	1-F, 3-E
51,145	-57,120	5.02	246	4	175	9 30	13 8 0	241	6-D
22,554	-25,208	5.00	(b) 160	4	175	24 81			
51,912	-60,388	4.67	36	4	562	28 80	Rs. 55.60 & 65		
22,183	-29,880	3.66	72	3	338	9 62	Rs. 35, 33, 32		
27,494	-33,705	4.27	10	3	325	10 69	35		
4,487	-9,588	1.90	1,549	3	176	12 83	Rs. 16-5 18.6, 17-14	1,513	10-C7-D & 9-E
2,46,112	-3,27,902	3.73	1,385	3	176	9 36	Rs. 15-6. 15-14	1,263	16 C, 4-D
1,91,573	-2,51,137	3.83	234	3	176	12 30	13 8 0	227	S 2-E
43,402	-46,316	5.45	821	4	176	9 36	Rs. 15-9. 6-1, 16-9, 7-1-, 17-9	792	7-E, D, 22-E, & 1-F
1,48,958	-1,61,286	5.31	391	4	176	10 69	Rs. 15-7.	387	1-B, -C, 1-D & 1-
94,562	-1,09,017	4.74	156	4	328	12 38	32, 33, 35	125	24 E
82,918	-88,825	9.26	156	4	180	26 74	Rs. 15-7 R16, 16-8	76	7-C
64,666	-3,754	4.74	86	4	180	10 38	Rs. 35	194	4-E, 6 C
40,989	-49,314	2.80	194	2	180	11 09	Rs. 35	24	
15,574	-15,673	4.14	120	4	190	26 03	Rs. 36-10	120	
65,864	-64,939	4.24	272	4	237	27 06	Rs. 4	24	
1,53,307	-1,61,956	3.71	144	4	273	22 91			
81,361	-95,111	3.09	112	4		24 20			
83,624	-95,963	2.69	272	4		21 86			
1,02,486	-1,33,460	2.58	144	4		29 43			
13,807			144	4		50 33			
71,636			160	4		31 50			
7,18,566			160	4		47 00			
37,558			150	4		64 00			
5,33,129			224	4		66 50			
21,001			60	4		67 50			
			60	4		07 00			
37,45,422	-19,98,710	192.07	13,484						

APPENDIX No. 11

Statement of percentages of outgoings in respect of Chawls and S. P. Sheds:—

Particulars.	Permanent Chawls		Permanent ground floors rooms and S. P. Sheds.		
	1973-74	1974-75	1973-74	1974-75	
Sanitary staff	...	21.73	23.27	28.72	37.94
Pumpers	...	7.50	7.50	7.50	7.50
Cost of Management and Establishment	...	35.33	39.67	60.57	68.20
Municipal Rates and Taxes	...	85.21	86.35	79.71	78.53
Repairs and Maintenance including lighting
Vacancies
Total	...	149.77	153.79	176.50	192.17

APPENDIX No. 12.

Statement of tenements constructed for Slum Clearance Scheme (City and Suburbs)

Serial No.	Locality.	Yard of Construction	No. of structures	Number of Tenements		Subsidised rents Charged	Standardised Rent	
				Residential	Shops Godowns		Rs. P.	Rs. P.
Municipal Scheme:—								
1	Palton Road Chawl No. 4	1956	1	83	20	34.30	50.43	105.85
2	Haines Road Transit Camp	1957	19	137+9	...	26.98	32.05	40.08
3	Tank Pakhadi Transit Camp	1958	27	254	...	26.8	...	...
4	Dharavi	1959	5	120	...	31.95	...	...
5	Shopping Block at Haines Road	1960	1	...	4	...	22.69	63.20
6	Do. Do. Milk Street	1962	1	...	17	16.48	73.64	92.05
7	Shopping Block at Tulsiwadi Body-Guard line	1963	1	...	15	32.27	...	30.91
8	Shopping Blocks at Water St.	1963	1	112	10	...	Varying from 35.15 to 43.94	...
Government Aided Schemes								
1	Haines Road	1959	7	112	...	32.05	62.52	...
2	Haines Road	1959	5	80	...	32.05	...	...
3	Sukhalaji Street	1960	1	76	...	42.29	...	...
4	Sion Scheme 6	1960	1	40	...	31.50	...	...
5	Body Guard Lines	1960	6	96	...	31.49	52.23	51.32
6	Dharavi	1961	5	168	...	31.50	...	...
7	Foras Road	1961	1	42	13	31.49	...	...
8	Rawli Camp	1961	18	288	...	31.50	80.55	...
9	Bane Compound Arthur Road	1961	6	208	...	31.49	57.03	...
10	Water Street, Byculla	1961	7	112	...	34.26	...	...
		1962	2	32	...	32.05	...	...
11	Haines Road	1961	2	80	...	32.05	...	...
12	Sion Scheme 6	1962	2	80	...	31.50	...	...
13	Body Guard Lines	1962	8	128	...	32.48	...	...
14	Papty Road	1963	1	40	...	34.24	75.40	...
15	Haines Road	1963	6	96	...	34.26	70.85	...
16	Rawli Camp	1964	14	224	...	33.64	...	...
					11	73.16	135.40	...
17	Sion Village Blk E.	1964	1	24	...	34.07	69.66	...
18	Kamathipura C Bk Bapty Rd.	1964	1	22	...	34.24	26.98	66.67
19	Do. Bapty Rd. 'A' Block	1964	1	26	11	28.81	87.25	87.25
						34.21	87.25	89.91
20	Kamathipura M.I. Area stable street	1965	1	41	11	34.26	96.28	96.28
21	60 t. Falkland Road	1966	1	60	...	...	...	...
	8th X Lane	1966	3	60	...	41.61	25.98	194.81
22	60 t. Hains Road	1967	6	240	...	42.38	69.45	73.49
23	Rawli Camp	1969	5	132	8	42.68	61.00	147.00
24	Rawli Camp	1969	1	32	10	42.68	63.00	147.00
25	Rawli Camp near Koliwada level crossing Opp. S. S. S. Nagar	1969	1	32	10	42.68	63.00	147.00
26	Kamathipura M.I. area stable street	1970	1	45	12	56.44	145.00	75.00
							149.00	...
27	Peruchawl Lalbaug Gas Work Lane	1970	1	30	...	37.00	...	...
28	60 t. Rawli Camp	1971	3	60	...	40.77	...	81.70
29	Rawli camp BKE 3 & A. 7	1972	2	44	...	...	...	100.06
30	230 T and 20 shops Rowli Camp.	1973	...	230	...	...	105.00	212.00
31	Vikroli	1961	16	396	...	31.51	52.00	57.00
32	Do.	1963	12	348	...	31.51	57.00	55.50
33	Kherwadi Bandra	1964	17	217	...	34.55	55.50	64.12
34	Tenements along Eastern Express Highway Ghatkopar	1965	108	1004	...	...	...	...
35	60 t. at Bombay Agra Road Ghatkopar	1966	3	60	...	...	...	...
36	320 t. at Santacruz	1966	20	320	...	34.55	...	64.12
37	200 t. at Match Factory Kurla	1973	10	200	...	...	...	...
38	40 t. at Sion Village	1974	...	40	...	55.00	...	117.00
39	Rawli Camp	1972	...	108	12	39.92	...	170.73

APPENDIX No. 13

Statement of Tenements constructed from Budget 'A' for Municipal General Staff:—

Serial No.	Locality	Year of construction	No. of structures	No. of tenements	Subsidised Rent		Standard Rent
					Maximum	Minimum	
					Rs.	Rs.	Rs.
					(Subsidised rent at Rs. 12 per 100 Sq. ft.)		
1	Gilder Lane Tenements, Bombay Central.	1958	4	144 (64)* (80)	62.52 39.85		101.12 70.58
2	Elphinstone Road	... 1958	3	72	27.80	20.69	45.03
3	Surya Cinema Tenements Naigaum	1958	2	48	27.80	20.69	45.15
3	Chinchpokli Tenements Arthur Road.	1959	2	32	34.21 33.05 37.28 35.05	29.41	58.89
5	Maratha Hospital Compound, Byculla.	1959	4	64	38.17 40.17		57.67
6	Worli Tenements Dr. Annie Beasant Road.	1961	7	112	36.91 36.25 37.08 37.77		71.82 75.69 77.44
7	40 tenements Maratha Hospital Compound.	1965	2	40	36.11 35.65 37.12 38.08	...	79.88 78.84 82.12 84.20
8	Maratha Hospital Compound, Byculla.	1962	2	16 8@	45.22 41.81 74.75	...	77.19 77.16 125.04
9	88 tenements near Wadala Railway Station.	1966	3	88 22	...	24.57	61.35 (Rooms) 146.41 (Shops)
SUBURBS							
1	Khar Tenements Hasnabad Lane	1961	5	60	44.02	40.63	76.22
2	18 tenements at Khar	... 1969	...	18	89.47	43.13	
3	Tata Compound Andheri	... 1970	3	80	...	...	93.00

* Three room tenements. Rest are two rooms tenements.

@ Four room tenements.

As per new formula rent to be charged at 10 per cent. of total emplacements or Standard rent which ever is less if the allotment is made on and after 19-8-1971 (C.R. No. 547 of 19-8-1971).

HYDRAULIC ENGINEER'S DEPARTMENT

SUMMARY

I.—Expenditure—

(1) Expenditure incurred for Establishment	Rs.	2,33,10,264
(2) Expenditure incurred for the works relating to Revenue Budget	Rs.	88,33,753
(3) Expenditure incurred for the works relating to Loan Works Budget	Rs.	1,79,22,825

II.—Results achieved—

(A) (1) Total length of pipe lines laid	..	68,559 Mts.
(2) Total No. of water meters	..	72,418 Nos.
(3) Total No. of Stand Pipes	..	5,926 Nos.
(4) Total No. of Short Supply Complaints	..	33,766 Nos.
(5) Total No. of metered connections	..	3,213 Nos.
(6) Total No. of unmetered connections	..	1,476 Nos.
(7) Total No. of boosting stations	..	32 Nos.
(8) Total No. of Pumping Stations	..	3 Nos.
(9) Total No. of bursts occurred	..	36 Nos.
(10) Total No. of plans prepared by A. E. S.	..	160 Nos.
(11) Total No. of estimates prepared by A. E. S.	..	269 Nos.
(12) Total estimated amount	Rs.	11,02,50,296
(13) Compounded Charges for water used for construction purposes—		
		1,478 Nos. Rs. 24,13,526
		+6,155 No. Rs. 55,00,283
Total	..	<u>7,633 Nos.</u> Rs. <u>79,13,809</u>
(14) Total No. of zones tried by Leak Detection Branch	..	38 Nos.
(15) Total length of trunk mains	..	729 Nos.
(16) Total No. of Head Works	..	6 Nos.
(17) Name of the new Project Completed	..	Upper Vaitarna.
(18) No. of Filtration Plants	..	3 Nos. (Tulsi, Ulhas and Vihar).
(19) No. of Chlorination Plants	..	7 Nos.
(20) No. of Service Reservoirs in commission	..	14 Nos.
(21) Total Reservoirs constructed so far	..	14 Nos.
(22) Plants and Machinery maintained at different places	..	74 Nos.
(B) (1) Average quantity of water supplied per day to Greater Bombay for all purposes	..	1,429 MI.
(2) Average quantity of water supplied per day for domestic purposes to Greater Bombay	..	942 MI.
(3) Average quantity of water supplied per day for Industries	..	272.27 MI.
(4) Total quantity of water brought to Greater Bombay	..	5,21,653 MI.
(5) Average loss by evaporation per day in 7 dry months from all sources		142 MI.

(6) Total loss of water per day from 4 sources due to evaporation leakage and absorption	864 MI.
(7) Total rainfall :—	
Vaitarna	1,862 mm.
Tansa	2,027 mm.
Vehar	2,111 mm.
Tulsi	2,482 mm.
Powai	1,853 mm.
(8) Highest levels of lakes reached :—	
Vaitarna	163.15 Mts.
Tansa	128.62 Mts.
Vehar	80.77 Mts.
Tulsi	139.26 Mts.
Powai	59.54 Mts.
	All lakes overflowed.

K. D. MULEKAR,
Hydraulic Engineer.

OPERATION OF THE SYSTEM.

DETAILED DESCRIPTION OF HEAD WORKS AND CONVEYANCES SYSTEM.

(a) **Maintenance of Plant, Equipment and Motor Trolleys.** Six heavy and eight light motor trolleys and two diesel locomotives were maintained and operated during the year, at an approximate cost of Rs. 44,074. The total distance covered by them was 1,18,918 Km. Motor vehicles and equipments such as compressors, welding plants and concrete mixers generating sets, outboard engines for boats, pumping units, venturi meters, together with other plant and machinery.

(b) **Disinfection of Bombay's Water Supply.**—The power house at Central Chlorination Plant, Powai, having three generating sets each of 4 K. W. (40 H. P.) capacity, driven by diesel engines was maintained. These sets serve as "Stand-by" for emergency use in case of failure of electricity, from electric supply Co. The electric supply from Messrs. Thana Electric Supply Co. was mostly available throughout the year. The City's Water Supply was chlorinated at Central Chlorination Plant at New Powai and smaller units at Mulund, Bhandup, Veravali and Tulsi Lake. The dosages of chlorine at different plants were as under :—

Serial No.	Name of the Plant	Supply	Dosages (P. P. M.)
1	Central Chlorination Plant	.. Vaitarna, Tansa Vehar.	2 to 2.5 2 to 3.00
2	Tulsi Chlorination Plant	.. Tulsi	2.5 to 3.0
3	New Bhandup Chlorination Plant	.. Vaitarna, Tansa.	2.0 to 3.0
4	Old Mulund Chlorination Plant	.. Do.	2.5 to 3.0
5	Veravali Chlorination Plant	.. Do.	2.0 to 3.0
6	New Mulund Chlorination Plant	.. Do.	2.0 to 3.0

The total quantity of chemicals used in all the above plants including those in City and Eastern and Western Suburbs was as under :—

(a) Liquid Chlorine 936 M. T.

The following chemicals were kept in reserve for Emergency use :—

(a) Bleaching Powder 6,900 Kgs.
 (b) Potassium Permanganate 50 Kgs.
 (c) Soda Ash Nil.
 (d) Hydrated Lime 1,449 Kgs. (161 bags)

The total expenditure made upto 31-3-1975 is Rs. 7,47,503.00.

(c) **Medical Aid.**—During the year, there were two dispensaries and First Aid Centre working in the Outside City and Head Works Division of this department with one Medical Officer, two Pharmacists and one Dresser. Attendance at the dispensaries at Ghatkopar and First Aid Centre at Powai was as follows :—

Serial No.	Name	New Patients	Old Patients	Total
1	Ghatkopar Dispensary	.. 4576	15,899	20,475,
2(a)	Kapurbavdi Dispensary	.. 2748	1,586	5,189
(b)	Pogaon and Mohone	.. 855	..	..
3	First Aid Centre at Powai	.. 2688	835	3,523

During the year M. M. O. C. paid 31 visits (weekly) to the Northern Division.

Common diseases were Anemia, Dysentery, Diarrhoea, Fever and Bronchitis, Accidental Injuries Worms, Skin Diseases and Pulmonary Tuberculosis.

QUALITY CONTROL

Quality Control and Waste Prevention Division.—This branch continued the linked activities of sounding of water mains for leakage detection and tracing of points of contamination in water supply. The gauging of flows in trunk and distributory mains was also done by it with the help of pito meters.

Routine Sounding of Mains and allied Activities.—In Greater Bombay area the total length of mains covered under the sounding programme excluding special sounding done for various investigations to study leakage losses was 768.4 km. The total number of defects detected by the sounding gangs was 2646, of which 583 were aboveground. The number of hydrants flushed was 20,459.

Pitometer Works :—Twelve Pitometer Units were in the field from April 1974 to March 1975. The staff worked for 3758 unit days during the year as compared to 4188 unit days last year. The total number of points gauged was 445 which were made up of the following :—

- (1) Gauging the quantity of water conveyed by the trunk and distributory mains for finding out the average daily break up of the total supply in the different zones of Greater Bombay and for the purpose of day-to-day control : 121.
- (2) Gauging in connection with leakage evaluation and consumption studies : 11.
- (3) Periodical checking of the pipe flows at various points of the distribution system : 115.
- (4) Gap settling cases of big size private party connections for the billing purposes in 'A' to 'T' Wards : 198.

Sampling :—In each of the wards of the City and Suburbs, there were as in the preceding year two groups of sampling points from which water was sampled at regular intervals for the purpose of bacteriological and chemical examination.

Bacteriological Standards of Water Supplies :—The sampling points being on service mains were expected to be representative of the quality of water supply obtainable in different parts of the City, Suburbs & Extended Subs. Samples of water were collected by the mobile squad of trained personnel of the Municipal analyst's staff. The sampling was done daily but not on Sunday.

As against the previous year's figures 80.89 per cent samples free from coliform bacteria, this year's figure was 85.27 per cent. The total number of routine samples collected for bacteriological examination was 5023 as compared to 5146 last year. This was exclusive of 4312 special samples collected from the areas where reports of contaminated water had been received. 7582 samples collected last year. 91.94 Percent of these samples were free from coliform organisms, compared to 61.77 per cent.

Chemical Analysis :—The total number of samples of water collected for chemical analysis during the year both from the lakes and the distribution system was 317.

Investigation of Complaints of Contamination of Supply :—Whenever contamination of the supply of any locality was inspected, investigations were immediately initiated to trace the fault and remedy the defect. Leaking and broken underground fittings were traced with the help of sounding rod. Flushing of hydrants in the affected area was also done to speed up normalisation of conditions and mobile chlorination units were also used.

DISTRIBUTION DIVISION

Distribution Division (City).

Distribution Division deals with distribution and regulation of water supply within City limits. It also deals with investigation of short supply complaints, granting permission for new connections, additional fittings and their certifications, taking court actions for enforcement of section of Bombay Municipal Corporation Act, relating to public and private water supply, re-washing of leaky taps, issuing notices for defective fittings and meters of water supply, taking actions for non-payment of bills etc.

Each Ward, 'A' to 'E' was in charge of one Assistant Engineer except B & C Wards, which were in charge of one common Asstt. Engineer, Ward F and G were divided into two sub-division, each sub-division in charge of one Asstt-Engineer.

Control Room :—The existing control room at Babula Tank continued to be in charge of an Engineer, designated as Executive Engineer (Planning and Control). He is responsible in all matters covering control of all water supply for the entire Bombay and the lakes.

For the purpose of distribution of supply, the City is divided into 6 main divisions, each division is receiving supply from (a) Malabar Hill Reservoir, (b) Bhandarwada Hill Reservoir, (c) Golanji Hill Reservoir, (d) Worli Hill Reservoir (e) Powai High Level Reservoir, (f) Directly from Trunk mains.

The average quantity of water per day brought to the City, Suburbs and Extended Suburbs was as follows :—

City	..	877.26	M. Lit.
Western Suburbs	..	230.17	M. Lit.
Eastern Suburbs	..	188.57	M. Lit.
Extended Suburbs (West)	..	95.00	M. Lit.
Extended Suburbs (East)	..	38.05	M. Lit.

Fire Attendance :—The total No. of calls received by the Babula Tank Control Room from the Fire Brigade Department for City, Suburbs and Extended Suburbs were 864 against 1297 received in the previous year.

DISTRIBUTION DIVISION (SUBURBS AND EXTENDED SUBURBS)

The Suburbs and Extended Suburbs are supplied water by gravity through Service Reservoirs and some areas are fed from direct tapplings from trunk mains coming from the Lakes. For distribution purposes, the areas are divided into two zones viz. the Western and the Eastern. The former zone derives supply from Powai High Level Reservoir, Veravali Reservoir and Borivli Reservoir and 600 mm. (24") diam. Tulsi main between Powai and Bandra and the latter through tapping on the 1800 mm. (72") West Tansa main, 1200 > 800 > 600 mm. (48" > 32" > 24") Vehar Main, 1200 mm. (48") New and Old Tansa Mains, Ghatkopar and Bhandup Reservoirs.

Borivali, Dahisar, Kandivali, Malad and Goregaon (West) areas were supplied from Borivali Hill Reservoir and Borivali Hill Reservoir is fed by a tunnel of 3.96 metres (13') diam.

In addition to Aarey Milk Colony, the supply from Tulsi Lake was given to Goregaon (East) and part of Malad (East) in a staggered manner.

Summary of Fire Calls 1974-75.

Call No. 1 :	} .. 64 Nos.	} Serious fires 85
Call No. 2 :	} .. 20 Nos.	
Miscellaneous	.. 10 Nos.	
House Collapse	.. 18 Nos.	
False Calls	.. 44 Nos.	
Small Fires	.. 707 Nos.	
	<u>864 Nos.</u>	
Total Calls received	.. 864 Nos.	

LEAK DETECTION DIVISION.

The Leak Detection Unit was formed as per advice of Messrs. Binnie & Partners and worked in three Units viz. City, Eastern Suburbs and Western Suburbs.

The entire area of City is divided into 312 zones for the purpose of Leak Detection Surevey. Accompanying statement shows the progress so far made and also the progress during the last year.

A number of contamination cases were also attended by this Unit. During the monsoon of 1974, this unit had undertaken the work of survey, repairs and painting of hydrants in all the Wards of the City.

Most of the zones completed during the year were tested by extensive sounding method.

Total length of distributory mains tested during the year approximately works as follows :—

Serial No.	Size mm.	In Inch.	Length in metres.
1	80	3"	478
2	100	4"	716
3	150	6 "	9,295
4	250	9"	1,856
5	300	12"	2,781
6	450	18 "	1,067
7	600	24 "	1,350
			<u>17,443 Mts.</u>

Total Length—17,254 Metres.

38 complaints of contamination from H, K, P, and R Wards were attended.

Ward	Total No. of Zones.	Total No. of Zones completed		Zones completed during the year		Zones in progress		Remarks
		Sounding	Stop-tap	Sounding	Stop-tap.	Sounding	Stop-tap	
A	29	25	4	..	1	..	1	
B	32	32	2	1	1	..	1	
C	32	32	2	..	1	..	1	
D	80	51	31	1	2	..	1	
E	58	23	18	2	1	..	1	
F/South	20	18	2	2	..	..	2	
F/North	24	24	..	2	..	..	2	
G/South	19	14	2	2	..	..	2	
G/North	18	18	..	2	..	..	2	
Total	312	237	61	12	6	..	13	

The following zones have been taken up for Leak Detection work in Eastern Suburbs during the period.

Serial No.	Ward	Name of zone	Method of testing	Remarks
1	M	Sion Trombay Road Zone	.. Sounding	Completed.
2	M	Agarwadi Zone	.. Do.	"
3	M	Ghatla Village Zone	.. "	"
4	M	Mankhurd Station Rd. Zone	.. "	"
5	M	Slaughter House Road Zone	.. "	"
6	M	Govandi Station Road Zone	.. "	"
7	M	Deonar Road Zone	.. "	"
8	M	Janata Colony Zone	.. "	"
9	M	Mandala Village Zone	.. "	"
10	M	Amar Mahal Zone	.. "	"
11	M	Sindhi Colony Zone	.. "	"
12	M	Reservoir Inlet Outlet Zone	.. "	"
13	M	Mahul Village Zone	.. "	"
14	M	Gavanpada Village Zone	.. "	"
15	M	Collector's Colony Zone	.. "	"
16	M	Maroli Church Zone	.. "	"
17	M	Laxmi Colony Zone	.. "	"
18	N	Hirachand Desai Road Zone	.. "	"
19	N	Chirag Nagar Zone	.. "	"
20	N	Barve Nagar Zone	.. "	"
21	N	Sarvoday Estate Zone	.. "	"
22	N	L. B. S. Road Zone	.. "	"
23	N	Rajawadi Zone	.. Stop-tap	In progress.
24	N	Tagore Nagar (South)	.. "	"
25	N	Tagore Nagar (North)	.. Sounding	Completed.
26	N	Hariali Village Zone	.. "	"
27	T	Gaondevi Road Zone	.. "	"
28	T	Bhandup Village Zone	.. "	"
29	T	Tembipada Road Zone	.. "	"
30	T	Lake Road Zone	.. "	"
31	T	Bhandup Zone	.. Stop-tap	In progress.
32	L	SS. G. Barve Road Zone	.. Sounding	Completed.
33	L	Old Agra Road Zone	.. "	"
34	L	Hall Lane Zone	.. "	"
35	L	Hall Village Zone	.. "	"
36	L	L. B. S. Road Zone (South)	.. "	"
37	L	L. B. S. Road Zone (North)	.. "	"
38	L	Bail Bazar Road Zone	.. "	"

SURVEY AND DESIGN DIVISION

This division is entrusted with the work of maintaining records of water and other structures. Preparing plans and estimates of all Engineering works to be carried out, maintaining statistics of (I) Lake levels (II) Storages (III) discharges, (IV) Chemical and bacteriological etc. maintaining records of Water Works lands, preparing estimates of water charges for probable quantity of water used for building construction purposes verifying tenders, contracts, and measurement of contract works, maintaining library of engineering books and periodicals and attending to miscellaneous administrative matter of technical nature.

Preparation of plans and estimates—several proposals for laying water main for improvement and expansion of the distribution system were formulated during the year, plans and estimates below were prepared.

Budget	No. of plans	No. of Estimates	Estimated cost in
			Rs.
City	58	79	1,41,91,992.00
Suburbs	59	109	3,44,97,655.00
Extended Suburbs	43	81	6,15,60,649.00
Total	160	269	11,02,50,296.00

Compounded charges for water used for konstruktion purposes:—1478 Estimate of compounded charges for water used for construction Purposes in the City were framed as against 1366 in the previous year. The total estimated amount was Rs. 24,13,526 as against 19,65,727 in the previous year. On similar lines 6155 estimates for the suburban and extended suburban areas against 440 in the preceding year were framed amounting to Rs. 55,00,283 as against Rs. 23,73,187 in the preceding year.

MAINTENANCE DIVISION

Maintenance Division (Inside City).

The Maintenance Division at 566 N. M. Joshi Marg, Byculla, continued attending to major work of repairs and bursts on big mains, maintenance of testing house, meter workshop, pumping and chlorination at reservoirs and other places in the City, etc. This division continued attending to emergency works connected with repairs to pipes even after office hours and on Sundays and Holidays.

Major Maintenance Works.

The total length of 1025 Kms. of water mains of sizes 80 mm. (3") and above was maintained during the year. There were 12 bursts and 389 leaks on large sized mains and 312 Nos. sluice valves packing leaks during the year. The details of bursts are shown in appendix. V.

Old and New Pumping Stations at Reservoirs

- (i) Malabar Hill Reservoir:
- (ii) Bhandarwada Hill Reservoir:
- (iii) Golanji Hill Reservoir.

Chlorination Plants

Re-chlorination was done at various places in the City for maintaining required residual chlorine in the water mains. Auxiliary Chlorination Stations at (a) Futka Tank, King's Circle, (b) Malabar Hill Reservoir, (c) Bhandarwada Hill Reservoir, (d) Worli Hill Reservoir, and (e) Golanji Hill Reservoir functioned satisfactorily. Further five portable chlorination plants were used on the water mains in the City, wherever additional disinfection was found necessary due to suspected contamination, etc. The total quantity of chlorine consumed during the year was about 2005 cylinders containing chloring of 136.34 M. T. approximately.

Water Connections in the City.

The work of granting new water connections was carried out by Maintenance staff of the Police Wards. The total No. of new water connections granted during the year was 1633 as shown in Appendix VII as against 4562 in the previous year. The grant total of water connections in the premises in the City came to 1,09,967 as against 1,03,334 in the previous year.

Testing of Water Mains

The total number of pipes and fittings tested during the year was approximately 3,04,492 pieces belonged to private parties. A revenue of Rs. 85,694 was realized during the year. The figures during the previous year were 4,59,518 pieces and Rs. 93,649 was realized. The work was removed and

Meter Shop

The total No. of meters maintained was 24,970. The total number of meters tested during the year was 8,755. The total number of meters tested was 24,100 out of 24,970 meters.

Ward	Total No. of Zones.	Total No. of Zones completed		Zones completed during the year		Zones in progress		Remarks
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Major Maintenance Works.

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Meter Shop

The total No. of meters maintained was 24,970. The total number of meters repaired during the year was 8,755. The total number of meters tested was 24,100 out of 24,970 meters.

New Meters

The total number of new meters purchased during the year was 941 only. 640 meters were disposed of as scrap. Total revenue collected by way of testing private meters is Rs. 45,971.00

Boosting Pumps for hire to Public

In order to give interim relief to consumers whose pumps had gone out of order, 15 Nos. of pumping sets (1 H. P. to 5 H. P.) were maintained and given on hire for short duration. Three numbers of plastic tanks each of 49,987 litres (11,000 gallons) capacity were also offered on hire to public.

Improving the water supply in Municipal Buildings.

30 new connections were made during the year. 786 old jobs such as cleaning of water connections arresting wastage, re-washing of taps and replacement of old pipes, etc. were carried out.

Maintenance of Water Works Buildings

The routine maintenance work such as painting minor repairs, replacement of storage tanks and fittings, repairs to flooring, etc. were carried out during the year. The Cost of work done is about Rs.

Cleaning of Wells.

In order to conserve potable water, 13 wells were cleaned during the year for the use of water for purposes other than drinking purpose.

(II) MAINTENANCE DIVISION (SUBURBS AND EXTENDED SUBURBS.)

The Maintenance Division at L. B. S. Marg at Ghatkopar continued to execute and attend major works of repairs and bursts on big sized mains ranging from 300 mm. to 1200 mm. (12" to 48") maintenance of a testing house, meter workshop, reservoirs and pumping stations, in Suburbs and Extended Suburbs. This division continued to attend emergent works connected with repairs to pipes, sluice valves, boosting stations and miscellaneous works connected to water works even after office hours and also on Sundays and Holidays.

Maintenance of Water Mains.

777 K. M. and 358 K. M. of water mains of sizes varying from 50 mm. (2") to 900 mm. (36") in Suburbs and Extended Suburbs respectively, were maintained. 52 Nos. of bursts on mains from 150 mm. (6") to 750 mm. (30") were attended to. The details of bursts on mains 600 mm. (24") and above in diameter is shown in Appendix V.

Cleaning of Wells.

The total number of wells cleaned in Western and Eastern Suburbs was 253.

Maintenance of Pumping Stations.

10 Pumping Stations as detailed in Appendix VI & VI-A were maintained and Vehar Pumping Station having an installed capacity of 2760 H. P. was operated for 1164 hours during the year, as shown in Appendix VI-A.

Testing of Water Pipes and Fittings.

The work of testing small galvanised iron pipes (25,217 Nos.) and fittings (83,540 Nos.) was carried out at Ghatkopar and Bandra. The revenue from testing of pipes and fittings submitted by private parties amounted to Rs. 26,282.

Repairs of Water Meters.

There are two meter workshops under this branch one at Ghatkopar and the other at Malad, where meters were tested, cleaned, overhauled and repaired. The total number of Municipal meters repaired during the year was 8,170. The total number of meters tested at Ghatkopar was 18,347 and 1,120 were tested at Malad. Revenue derived from testing and sealing of meters was Rs. 35,221 at Ghatkopar and Rs. 11,478 at Malad.

Water connections

No. of new water connections granted in Suburbs and Extended Suburbs was 2030 and 1026 respectively as against 1,807 and 777 in previous year. The grand total for water connections for Suburbs and Extended Suburbs was 40,747 and 14,810 as against 38,717 and 13,784 in previous year.

Plant and Machinery

Machinery maintained during the year.

CONSTRUCTION DIVISION.

Works Division (Inside City).

Works of laying water mains and other construction works as per provision. It also carried out the work of diverting of the water mains, laying water connections with resurfacing of roads and other emergent works, on behalf

of the private parties, sister departments, Government bodies and making new connections, 80 mm. (3") diameter and above insize, were also carried out by this division.

These works were carried out departmentally, the total strength of the staff being 500. The cost of the budgetted works executed is about Rs. 64,81,988 and the cost of the unbudgetted works Rs. 5,52,108.

Total length of pipes of various sizes laid is as shown in Appendix X.

Works Division in Suburbs and Extended Suburbs.

This is divided into three zonal units, viz. Zone-I—comprising of L. M. N & T Wards, Zone-II of H and K Wards and Zone III—of P and R wards. During the year, the cost of the budgetted works carried out for Suburban Wards was Rs. 46,39,623 and Rs. 37,19,633 for the Wards of Extended Suburbs. The cost of unbudgetted works was Rs. 2,97,183 for Suburbs and Rs. 54,942 for Extended Suburbs.

Details of pipes laid, are shown in Appendix—X.

PLANNING DIVISION.

The main activity of the Planning Division continued to be zoning of water supply districts from the existing and proposed reservoirs as per the development plan for 1981 stage of augmentation. The work of analysis of remaining four zones and strengthening of the finalised zones was also done. The analysis of water networks continued to be done with the help of C. D. C. 3500 electronic computer of the Tata Institute of Fundamental Research. The total computer time consumed during the administrative year under reference was 33 minutes and 25 second.

The work of issuing 'No Objection Certificate' to the new developments after scrutinising their demands from distribution point of view and their locations with respect to distributory water mains and availability of water supply was also done.

Many private and government layouts for water main were scrutinized for the City and Suburbs. Planning division also scrutinised the water requirements of Government and public bodies.

This division also attended the various problems of distribution in different wards and suggested the various proposals for improvement.

INDUSTRIES DIVISION.

Industries Division deals with granting of water quotas to various industries in City, Suburbs and Extended Suburbs.

For administrative convenience, this division which was formerly under the planning Division was transferred under the control of Executive Engineer Meters (Revenue) from 25-7-1974. The water quota of 39 Industries was upgraded. 16 New Industries were brought on quota system in the year. 1741 Industries are now under quota system.

OUTSIDE CITY DIVISION

Important works executed by Asstt. Engineer, Outside City :—

- (1) Expansion joint No. 3 and 11, 37, 43 of 2400 mm. Vaitarna Main were leaking heavily. The same were repaired by providing additional gland ring and heavy leakages were stopped without isolation, of the main.
- (2) New 1800 mm. West Main between Golibar and Bandra was out in commission from 5-2-1975, after making connection with old 1450 diam. main both at Bandra and Golibar.
- (3) Complete pipe line land and Duct line land was closed to the public from 14-3-1974 to 26-3-1974 to establish Municipal right.
- (4) Guniting work was carried out on 1800 mm. East and West Tansa mains at Panjrapole dipping at Mulund.
- (5) About 300 Nos. of roller box covers on 2400 mm. Vaitarna main were replaced between Mulund and Dharavi.
- (6) Trolley Track between Tulsi forest and Tulsi Cutting was removed, for the work of Bhandup Complex which is in progress.
- (7) One heavily leaking expansion joint on 1200 mm. Vehar main at Powai was removed and replaced by a steel 1200 diam. Tube.
- (8) Wireless Communication sets Phase—I are provided at emergency stations and Control Rooms for smooth and efficient working of Water Works Department.

Miscellaneous activities of Outside Division.

Total length of pipeline painted	..	9,248 metres.
Surface area of pipeline painted	..	4,62,016 meters.
No. of persons arrested and prosecuted against water pollution	..	19 Nos.
No. of persons arrested and prosecuted against water pollution	..	19 Nos.
No. of surprise raids organised in the catchment area of lakes	..	25 times.
No. of fishing nets confiscated for unlawful fishing and handed over to police charge	..	39 Nos.
Drowning cases in lakes	..	3 Nos.

Works of Importance done by A. E. W. W. Kapurbavdi

- (1) Expansion joints 2400 mm. dia. Vaitarna main between Balcum and Kasheli and Kapurbawadi and Pogaon Chinchavali were repaired.
- (2) Expansion joints of 2700 mm. Enlargement between Gundavli and Kasheli were repaired.
- (3) Expansion joints of 1800 mm. diam. Enlargement between Balcum and Kasheli were repaired.
- (4) 1800 mm. East and West mains were cut off between Gundavali and Kasheli and the supply was made through newly constructed 'Y' Blocks at Gundavali and Kasheli.
- (5) Pressure guages were fixed on mains at Gundavali AB and the Chowky is manned by Lineman round the Clock.
- (6) The Duct which was put out of commission in May 1973 was again put into commission in March 1975 and the supply is put into Ve'har Lake.
- (7) Telephone connection has been provided at Kolshet Chowky.
- (8) The Old G. I. sheet structures which were in dilapidated conditions in the Kapurbawadi yard were demolished and the site is developed into a Play ground for Welfare Centre as per suggestion of Labour Welfare Department.
- (9) Internal cleaning of 1800 mm. dia. enlargement between Kasheli Bridge and Balcum was done when the main was cut and put out of commission for rectification work between Kasheli Bridge and Balcum.
- (10) The 1800 mm. dia. Enlargement main between Kasheli and Balcum put into commission for the first time on 22-6-1974.
- (11) A new 80 mm. water connection was given to Thana Municipal Council for Kisan Nagar area, nearing Mulund side.
- (12) The new road constructed along the side of 2700 mm. Upper Vaitarna main has been taken over for maintenance from Project Department.
- (13) Encroachment on Municipal land along the pipeline at Hajodi Bridge was removed.
- (14) The work of painting of Kasheli Bridge was completed on 16-3-1975, within the estimated cost of Rs. 4,74,500 the 50 per cent. cost of which to be shared by the Government of Maharashtra.
- (15) The stubmain laid at Ghodbunder Bridge, Pokhran Bridge No. 1 and 2 for giving supply to Industries in Thana Industrial Complex, were put into commission.
- (16) Vaitarna Tunnel was dewatered for replacement of Wire-rope of main gate at Intake Tower and for Inspection of Tunnel by the Engineers of the Tata Consultancy Service from 7-6-1974 to 9-6-1974.
- (17) The work of development of garden on the down-stream was in progress.
- (18) The work of conversion of Project Department's Staff Quarters and Upper-Bungalow at Tansa into that of Health Resort bungalows was in progress.

Miscellaneous activities in the divisions.

(1) Area of pipe line painted in sq. metres	Kapurbawadi	..	31,951 Sq. m.
	Agra Division	..	48,707 Sq.m.
	Tansa	..	42,956 Sq.m.
(2) No. of cattles impounded Mandola Division	40	Nos.	
(3) Drowning tragedies in Tansa and Vaitarna Lake	Nil.		

Municipal Commissioner's Notices and Prosecutions in City, Suburbs and Extended Suburbs.

	City	Suburbs	Extended Suburbs
(1) Municipal Commissioner's Notice under Section 274(1) ..	111	5	3
(2) No. of Notices under Section 271(2) ..	6	..	1
(3) No. of Prosecutions launched ..	81	4	..
(4) No. of convictions secured ..	97	2	1
(5) No. of cases withdrawn after compliance ..	13	9	..
(6) No. of cases pending disposal ..	41	1	..
(7) Total amount of fine recovered ..	6345	175	10
(8) No. of notices under Section 278(2) ..	2754	142	107
(9) No. of prosecutions launched for non-compliance ..	791	27	1
(10) Total number of convictions secured ..	476	18	..
(11) No. of cases reported to Standing Committee	1063	1346	2188
(12) No. of cases in which supply was cut off ..	71	3919	146

Short Supply Complaints

The number of short supply complaints received for various reasons and attended to during the year from the City area was 22,564 as detailed in Appendix IX.

The number of Short Supply complaints received for various reasons and attended to during the year from Suburbs and Extended Suburbs were 8846 and 2356 respectively, as detailed in Appendix IX.

METERING

22,095, 35,804 and 14,519 meters of sizes varying from 15 mm. (1/2") to 300 mm. (12") in City, Suburbs and Extended Suburbs respectively were on the connections as detailed in Appendix VIII. The number of meters exchanged was 7081, 8477 and 3699, those fixed on new connection were 710, 1636 and 1103 and meters removed from the existing connections was 1190, 414 and 708 for City, Suburbs and Extended Suburbs respectively.

Progressive metering programme

The number of new properties metered during the year 203, 246 and 322 for City, Suburbs and Extended Suburbs respectively. Premises metered during the year pertain to trades and new residential buildings on flat system .

Revenue from metered connections

The total revenue derived from water supply by meter measurement was Rs. 4,72,53,238, Rs. 4,12,97,899 and Rs. 1,27,80,936. in City, Suburbs and Extended Suburbs respectively.

ESTABLISHMENT

In view of the change of Budget from 1-4-1974, the wording in the Administration Report for the above information needs to be changed as follows :—

“ The details of Establishment under the head, Budget ‘ G ’—Water Supply Operations, are as under :—

The total number of Scheduled Superior staff during the year was 1500 and scheduled labour staff was 7982. The temporary staff both superior and inferior was 473 and 2845 respectively. The total cost of the whole staff was Rs. 2,51,21,703.

K. D. MULEKAR,
Hydraulic Engineer.

LIST OF APPENDICES

Serial No.	Description
I—	Statistics of Lakes.
II—	Statement showing evaporation losses of different Lakes.
III—	Supply Statistics.
IV—	Statement showing the quantity of Municipal water used for different purposes.
V—	Statement showing details of bursts of mains on 600 mm. (24") and above in the City, Suburbs and Extended Suburbs.
VI—	List of Municipal Boosting Stations in City, Suburbs and Extended Suburbs.
VI-A—	List of Municipal bulk pumping stations in Outside City and Ulhas Divisions.
VII—	Statement of water connections of different sizes made during the year.
VIII—	Statement showing the details of meters in City, Suburbs and Extended Suburbs.
IX—	Statement showing short supply complaints in City, Suburbs and Extended Suburbs.
X—	Details of works carried out by construction branch in City, Suburbs and Extended Suburbs.
XI—	Details of stand pipes in City, Suburbs and Extended Suburbs.

APPENDIX I
Statistics of the Lakes for 1974-75

Serial No.	Particulars	Vaitarna	Tansa	Veher	Tulsi	Powai
1	Distances from Bombay (Town Hall) in Kilo Metres by road.	119	106	24	35	27
2	Waterspread at full supply level in square kilometres.	8.55	19.11	7.23	1.35	2.10
3	Total catchment areas in square Kilometres	290.00	135.38	18.96	6.76	6.68
4	Total rainfall in Millimetres	1,862	2,027	2,118	2,482	1,853
5	Average rainfall of the preceding five years in Millimetres	2,438	2,480	2,245	2,841	2,317
6	No. of rainy days, [rainfall of 2.5 mm. (0.10") and above]..	91	43	34	74	66
7	(a) Number of days in which rainfall was moderate [between 7.6 mm (0.3") and 34.9 mm (1.33")].	33	28	43	45	26
	(b) Number of days in which rainfall was heavy [between 35.0 mm (1.38") to 64.9 mm. (2.5")]	6	19	12	7	9
	(c) Number of days in which rainfall was very heavy [between 65.0 mm. (2.56") and 81.9 mm (3.24")]	6	6	1	5	1
	(d) Number of days in which rain fall was very heavy 85.0 mm. (3.35") and above..	5	2	5	7	4
8	Maximum rainfall in millimetres	116	153	164	212	297
9	Dates of maximum rainfall	5-7-1974	5-7-1974	5-7-1974	4-7-1974	5-7-1974
10	The lakes commenced to overflow when the rainfall amounted to mms.	1,164.10	1,373.40	1,731.04	2,036.54	1904.73
11	Dates on which the lakes started overflowing	9-8-1974	23-8-1974	11-9-1974	20-8-1974	12-7-1974
12	Dates on which the lakes stopped overflowing	8-10-1974	24-10-1974	25-10-1974	7-10-1974	30-10-1974
13	Number of days the lakes over flowed	39	18	35	21	72
14	Quantity of water that overflowed over the waste weir in Mega Litres.	85,237	23,943	2,182	11,097	8,640
15	Full supply levels of the lake above Town Hall Datum in Metres (Feet).	163.06 (535.00)	123.62 (422.00)	87.67 (264.70)	139.16 (456.60)	59.43 (195.00)
16	Total contents of the lake above the lowest outlet at full supply level in Mega Litres (Million Gallons).	1,80,293.03 (39,660)	1,84,833.00 (40,661)	41,823 (9,200)	10,428 (2,294)	5,455.09 (1,230)
17	Highest levels above Town Hall Datum during the year in Metres (Feet).	163.15 (535.27)	128.62 (422.00)	87.77 (265.01)	139.26 (456.92)	59.54 (195.35)
18	Dates on which the highest level was reached	9-8-1974	23-9-1974	29-9-1974	24-8-1974	5-8-1974
19	Levels of the lowest outlets in Metres (Feet)	126.73 (416.83)	114.30 (375.00)	71.07 (230.50)	121.22 (397.75)	53.28 (175.00)
20	Lowest levels above T.H.D. reached during the year in Metres (Feet).	147.75 (463.35)	122.89 (403.20)	75.34 (247.20)	133.62 (438.39)	56.73 (176.13)
21	Dates on which the lowest levels were reached	2-7-1974	25-6-1974	26-6-1974	29-6-1974	29-6-1974
22	Contents of the lakes above the lowest outlets at the lowest level reached in Mega Litres (Million Gallons).	49,177 (10,281)	89,237 (19,631)	15,297 (3,585)	4,305 (947)	1,809 (598)
23	Lake levels above T. H. D. in Metres (Feet) on 1st October 1973.	163.15 (535.26)	128.55 (421.74)	87.74 (264.87)	139.00 (455.70)	59.46 (195.03)
24	Contents of the lakes above the lowest outlet in Mega Litres (Million Gallons) on 1st October 1973.	1,80,293 (39,660)	1,83,311 (40,324)	41,823 (9,200)	10,428 (2,294)	5,455 (1,200)
25	Quantity of water required to fill up the lakes, to full supply level from the lowest level reached in Mega Litres (Million Gallons).	1,31,105 (28,840)	95,602 (21,030)	25,526 (5,665)	6,123 (1,347)	3,616 (802)
26	Percentage run off into the lakes from the catchment as per rainfall registered at the lakes.	65	63	79	83	...
27	Quantity of water brought into the City and Suburbs including Extended Suburbs during the year in Mega Litres (Million Gallons)	3,08,418 (67,851)	1,26,813 (87,893.50)	14,153 (3,113.30)	5,683 (1,250.10)	...
28	Average quantity of water brought into the City and Suburbs including Extended Suburbs per day in Mega Litres (Million gallons)	845.06	347.40	38.77	15.55	...
29	Total loss of water due to evaporation leakage and absorption in Mega Litres (Million gallons) during the dry-period of 7 months.	...	...	...	...	...
30	Average loss of water per day due to evaporation and other losses during the dry period of 7 months in Mega Litres (Million Gallons)	...	...	...	...	...
31	Total loss of water due to evaporation only in Mega Litres (Million gallons) during the dry period for 7 months.	9,431.36	14,556.99	4,154.67	61.37	...
32	Average loss of water due to evaporation only in mega Litres (Million Gallons) during the dry period of 7 months.	44.48	68.66	19.58	4.06	...

APPENDIX-II

Statement showing Evaporation Losses of different lakes during the year 1974-75

Month	Evaporation in Metres				Evaporation in Mega-Litres											
	Vaitarna	Tansa	Vehar	Tulsi	Vaitarna	Tansa	Vehar	Tulsi								
April 1974 ...	0.186	0.182	0.189	0.141	1,112.46	3,037.56	502.94	137.91								
May 1974 ...	0.173	0.217	0.206	0.129	835.63	3,263.81	856.76	121.18								
June 1974 ...	Not recorded				Not recorded.											
July 1974 ...																
August 1974 ...																
September 1974 ...																
October 1974 ...	Not recorded				Not recorded.											
November 1974									0.057	0.028	0.095	0.089	565.05	540.50	522.50	102.64
December 1974									0.043	0.035	0.013	0.040	3,493.56	671.52	233.11	48.49
January 1975 ...									0.117	0.106	0.105	0.103	932.95	2,011.03	549.05	119.36
February 1975 ...	0.122	0.104	0.096	0.094	1,044.61	1,910.34	487.04	227.01								
March 1975 ...	0.115	0.173	0.116	0.107	1,397.10	3,057.23	563.27	109.78								
Total—:	0.833	0.845	0.850	0.703	9,431.36	14,556.99	4,154.67	861.37								

29,004.39 Mega Litres in dry season (212 days) for all Lakes.

141.53 Mega Litres per day for all Lakes.

44.48 Mega Litres per day for Vaitarna.

68.66 Mega Litres per day for Tansa.

1958 Mega Litres per day for Vehar.

4.06 Mega Litres per day for Tulsi.

APPENDIX III

Supply Statistics (1974-75)

(1) Quantity of water supplied to the Greater Bombay during the year in Mega Litres	5,21,653.00
(2) Quantity of water supplied to the City proper during the year in Mega Litres	3,20,200.00
(3) Quantity of water supplied to the Greater Bombay during the previous year in Mega Litres...	4,65,892.00
(4) Increase over the previous year's supply in Greater Bombay in Mega Litres	55,761.00
(5) Quantity of water supplied to the Thana Municipality, Nowpada and Kopri Colony in Mega Litres, not included in Item No. (1) above	9,570.00
(6) Total quantity of water supplied to all concerns outside the limits of Greater Bombay, in Mega Litres including It No. (5) above	21,650.00
(7) Average daily supply during the year to City proper in Mega Litres...	877.26
(8) Average daily supply during the year to Western Suburbs in Mega Litres	230.17
(9) Average daily supply during the year to Eastern Suburbs in Mega Litres	188.57
(10) Average daily supply during the year to Extended Suburbs West in Mega Litres	95.00
(11) Average daily supply during the year to Extended Suburbs East in Mega Litres	33.05
(12) Average daily supply during the year in Greater Bombay in Mega Litres	1,429.05
(13) Increase over previous year's average daily supply to Greater Bombay in Mega Litres	152.55
(14) Estimated mid year (1973-74) population of City as given by Director of Public Health, Government of Maharashtra	31,74,000
(15) Do. Suburbs Do.	29,06,000
(16) Do. Extended Suburbs ,, Do.	9,93,000
(17) Do. Greater Bombay ,, Do.	70,73,000
(18) The maximum supply per day during the year on 3-2-1973 in Mega Litres	1,374.00
(19) The minimum supply per day during the year on 2-8-1973, in Mega Litres	1,043.00
(20) Total quantity of water conveyed by the two 1800 mm. (72") dia and 2400 mm. (96") dia. mains during the year in Mega Litres including 2,55,000 M.L. tapped outside Greater Bombay and 6,537 M.L. tapped upstream of Powai Venturi at Mulund	3,21,635.00
(21) Average quantity of water conveyed daily by the two 1800 mm. (72") and diam. 2400 mm. (96") dia. mains in Mega Litres	711.43
(22) Total quantity of water transferred from Duct to Vehar in Mega Litres	Nil.
(23) Total quantity of water transferred (by pumping) from Ulhas River to Vehar in Mega Litres	27,625.00
(24) Total quantity of water transferred from Vaitarna to Tansa in Mega Litres	Nil.
(25) Total quantity of water transferred from 2,400 mm. (96") diam. main to Vehar in Mega Litres	Nil.
(26) Total quantity of water transferred from Upper Vaitarna to Vaitarna during the year in Mega Litres.	1,86,214.00

APPENDIX III—concl'd.

(27) Total quantity of water conveyed by the Duct during the year in Mega Litres — — — — —	Nil.
(28) Average quantity of water conveyed daily by the Duct in Mega Litres —	Nil.
(29) Total quantity of water conveyed by 1,200 mm. (48") dia. Vohar main during the year in Mega Litres — — — — —	14,153.00
(30) Average quantity of water conveyed by 1,200 mm. (48") diam. Vohar main during the year in Mega Litres — — — — —	38.90
(31) Total quantity of water conveyed by 600 mm. (24") diam. Tulsi main during the year in Mega Litres — — — — —	5,683.00
(32) Average quantity of water conveyed daily by 600 mm. (24") diam. Tulsi main during the year in Mega Litres — — — — —	15.53
(33) Quantity of water supplied for domestic purposes during the year to City in Mega Litres — — — — —	2,17,640.84
(34) Quantity of water supplied for domestic purposes during the year to the Suburbs in Mega Litres — — — — —	95,634.47
(35) Quantity of water supplied for domestic purposes during the year to the Extended Suburbs in Mega Litres — — — — —	30,458.03
(36) Quantity of water supplied for domestic purposes during the year to Greater Bombay in Mega Litres — — — — —	3,43,733.34
(37) Average quantity of water supplied for domestic purposes per head per day to the City in Litres — — — — —	188.00
(38) Average quantity of water supplied for domestic purposes per head per day to Suburbs in Litres — — — — —	90.00
(39) Average quantity of water supplied for domestic purposes per head per day to the Extended Suburbs in Litres — — — — —	85.00
(40) Average quantity of water supplied for domestic purposes per head per day to Greater Bombay in Litres — — — — —	133.00
(41) Average daily supply for all purposes per head per day to the City in Litres — — — — —	276.00
(42) Average daily supply for all purposes per head per day to the Suburbs in Litres — — — — —	144.00
(43) Average daily supply for all purposes per head per day to the Extended Suburbs in Litres — — — — —	134.00
(44) Average daily supply for all purposes per head per day to Greater Bombay in Litres — — — — —	202.00
(45) Percentage of water for domestic purposes to total supply in Greater Bombay — — — — —	65.90
(46) Percentage of water supplied for other purposes to total supply including losses in Greater Bombay — — — — —	34.10

APPENDIX IV

Statement showing the quantity of Municipal water used for different purposes during the year 1974-75 in City, Suburbs and Extended Suburbs.

Serial No.	Particulars	CITY		SUBURBS		EXTENDED SUBURBS		Remarks
		Quantity in Mega Litres	Percentage	Quantity in Mega Litres	Percentage	Quantity in Mega Litres	Percentage	
1	Milk Cattle Stables	---	---	1,378.50	0.902	340.86	0.708	
2	Other Stables	20.39	0.006	---	---	---	---	
3	Textile Mills	2,741.71	6.478	1,273.54	1.160	41.61	0.086	
4	Dyeing, Printing & Bleaching Mills	5,085.72	0.652	894.48	0.85	237.64	0.489	
5	Gymnasias, Play Grounds, etc.	314.83	0.108	21.57	0.014	2.00	0.041	
6	Race Course	38.72	0.121	---	---	---	---	
7	Industries	6,473.01	2.022	9,437.93	6.174	5,294.15	10.893	
8	Laundries and Dhobi Ghats	376.2	0.117	297.02	0.194	5.76	0.012	
9	Lodging and Boarding Houses	953.55	0.298	148.63	0.097	126.54	0.056	
10	Hotels	1,082.55	0.338	49.47	0.032	161.41	0.332	
11	Restaurants	2,385.40	0.715	1,192.55	0.845	193.80	0.359	
12	Flour Mills	67.70	0.020	2.38	0.001	0.10	0.000	
13	Private Hospitals	655.99	0.213	106.51	0.073	50.91	0.104	
14	Railways	7,583.71	2.370	3,614.28	2.364	553.50	1.139	
15	Bombay Port Trust	7,163.65	2.303	393.30	0.257	---	---	
16	Private Markets	83.99	0.026	26.82	0.017	0.95	0.003	
17	Bakeries	114.79	0.036	98.85	0.065	16.92	0.035	
18	B. E. S. & T. Undertaking properties	898.61	0.281	173.73	0.113	209.36	0.035	
18A	B. S. E. S. properties	---	---	46.81	0.030	46.45	0.096	
19	Municipal Dhobighat	542.91	0.169	---	---	---	---	
20	Cultivating lands	---	---	6.20	0.004	---	---	
21	Construction Works (Metered)	2,194.11	0.685	3,589.38	2.348	1,410.86	2.903	
22	Construction Works (Unmetered Estimated)	---	---	855.19	0.560	344.52	0.709	
23	Asrey Colony & Worli Dairy	---	---	---	---	1,817.95	3.741	
24	Fertilizer Corporation	---	---	7,369.02	4.81	---	---	
25	Refineries	---	---	2,430.00	1.590	---	---	
Total supply for Industrial and Trade purposes		54,335.58	15.958	34,006.86	22.216	10,773.29	22.172	
26	Fire purposes	87.52	0.025	0.97	0.000	---	---	
27	Municipal Construction Works	21.20	0.007	153.47	0.100	56.45	0.116	
28	Municipal Markets	21.85	0.007	138.71	0.091	14.30	0.029	
Total Supply for Non-domestic purposes		54,529.16	17.027	34,300.03	22.438	10,844.04	22.517	
29	Domestic supply to City, Suburbs, and Extended Suburbs	---	---	---	---	---	---	
	(a) Metered including residential	63,638.66	19.931	69,148.73	45.216	26,921.39	56.405	
	(b) Unmetered	1,53,972.18	48.089	26,485.74	17.327	3,536.64	7.278	
30	Assumed unaccounted losses such as leakage, bursts, de-watering of mains during construction and repairs works, unauthorised use of fire hydrants,	48,030.00	15.000	22,928.00	14.919	2,218.93	15.000	
Grand total		3,10,200.10	100.000	1,52,862.00	100.000	48,591.00	100.000	

NOTE :—The total quantity of water supplied to the City, Suburbs and Extended Suburbs, i. e. Greater Bombay was 5,21,633.00 Mega Litres.

APPENDIX V

Statement showing the details of bursts of mains dia. 600 mm. (24") and above in City, Suburbs and Extended Suburbs.

Serial No.	Date	Site	Ward	Size of mains
1	3-10-1974	Foreshore Road opp. State Bank of India Quarters	A	750 mm.
2	10-1-1975	Jail Road North	.. B	600 mm.
3	24-10-1974	Hindu Gymkhana, Marine Drive	.. C	1200 mm. new Fort outlet.
4	23-5-1974	Nana Chowk	.. D	800 mm.
5	19-7-1974	Bhandarwada Hill Reservoir	.. E	1200 mm. Inlet to B.H.R.
6	1-2-1975	Jahangir Boman Behram Marg	.. E	600 mm.
7	17-12-1974	Flank Road, near Tel. Exchange	.. F/N	1200 mm. New Tansa.
8	2-5-1974	Sion Road, Opp. Gandhi Market	.. F/N	600 mm.
9	10-7-1974	Futka Tank	.. F/N	600 mm.
10	21-8-1974	Futka Tank	.. F/N	1200 mm. old Tansa. and 600 mm. S.V.
11	20-4-1974	Keshavrao Khadeye Marg	.. G/S	600 mm.
12	20-5-1974	Senapati Bapat Marg	.. G/S	600 mm.
13	19-8-1974	Jagannathrao Bhatankar Marg, Jn. Senapati Bapat Marg.	G/S	1450 mm.
14	5-9-1974	Senapati Bapat Marg, Opp. Phoenix Mills	.. G/S	1540 mm. West main S. V.
15	5-9-1974	Senapati Bapat Marg Jn. N. M. Joshi Marg	.. G/S	„
16	11-10-1974	Senapati Bapat Marg Jn. Dr. E. Moses Road	.. G/S	1540 mm. West main.
17	31-10-1974	Senapati Bapat Marg Jn. Dr. E. Moses Road	.. G/S	1450 mm. West main.
18	6-11-1974	Senapati Bapat Marg, Opp. Market	.. G/S	600 mm.
19	8-10-1974	Senapati Bapat Marg near Dadar Station	.. G/N	600 mm.
20	6-6-1974	Swami Vivekanand Road near Bandra Station	.. H	600 mm. Pali Inlet.
21	22-8-1974	16th Road Jn. Kharpali Road	.. H	800 mm. Vehar Main. Air valve 600 mm.
22	30-8-1974	Vakola Santacruz	.. H	600 mm.
23	12-11-1974	Nehru Road, Vakola Market, Santacruz (East)	.. H	600 mm.
24	11-11-1974	Nehru Road, Vakola	.. H	600 mm.
25	21-11-1974	West Avenue Road, Santacruz	.. H	600 mm.
26	23-4-1974	Along Western Highway	.. K	750 mm.
27	8-5-1974	Along Western Highway near Garware Co.	.. K	750 mm.
28	19-12-1974	Bandrekarwadi, Jogeshwari	.. K	600 mm.
29	4-10-1974	Powai	.. L	1200 mm.
30	1-1-1975	Lal Bahadur Shastri Marg Jn. Old Agra Road	.. L	600 mm.
31	21-8-1974	Chembur near Burmah Shell Petrol Pump	.. M	800 mm. Vehar main. 600 mm. air-valve.
32	30-8-1974	Sion Trombay Road	.. M	1200 mm. New Tansa-
33	1-9-1974	Ghatkopar Hill Reservoir	.. N	900 mm. inlet.
34	5-5-1974	Aarey Colony Unit No. 2 Goregaon	.. P	600 mm.
35	18-5-1974	Bhor Industries, Borivali	.. R	900 mm.
36	30-3-1975	Kalina, Santacruz (East)	.. H	600 mm.

APPENDIX VI

List of Municipal Booring Stations in City, Suburbs and Extended Suburbs.

Serial No.	Site	No. of Pumps	Horse Power of Pumps.
1	Worli Koliwada	1	54 H.P. Diesel.
2	Fosbery Road (Near 'L' Shed)	1	75 H.P. Electric.
3	N. M. Joshi Marg	1	100 H.P. Electric.
4	B. D. D. Chawl (N. M. Joshi Marg)	3	25 H.P. Each (Total 75).
5	5th Pasta Lane	4	2 Nos. 40 H. P. Each. 2 Nos. 50 H. P. Each.
6	Hill Road Pumping Station, Bandra	2	40 H.P. Each Electric.
7	Pali Hill Pumping Station Bandra	3	60 H.P. 2 Nos. Electric.
8	Juhu Vileparle Development Scheme Pumping Station, Juhu.	2	50 H.P. Each Electric.
9	Guzdar Hall pumping Station, Andheri	2	50 H.P. each Electric.
10	Dadabhai Pumping Stn. Versova Rd. Andheri.	2	25 H.P. each Electric.
11	Tel'y Gully pumping Stn. Andheri	2	25 H.P. each Electric.
12	Caves Road Pumping Stn. Jogeshwari	1	40 H.P. Electric.
13	Majaswadi Pumping Station, Jogeshwari	1	30 H.P. Electric.
14	Kunj Niwas, Pumping Station, Jogeshwari	1	13 H.P. Electric.
15	Shivtekadi Pumping Station, Jogeshwari	1	10 H.P. Electric.
16	Sidharth Nagar Pumping Stn. Goregaon	2	90 H.P. Each Electric.
17	Quarry Road, Pumping Station, Malad	2	25 H.P. Each Electric.
18	Zakeria Road Pumping Station, Malad	2	25 H.P. Each Electric.
19	Pushpa Park Pumping Station, Malad	1	25 H.P. Electric.
20	Sainath Pumping Station, Malad	2	50 H.P. Each Diesel Engin.
21	Malavani Pumping Station, Malad	2	50 H.P. Each Electric.
22	Anik Villege Pumping Station, Chembur	2	6 H.P. Each Diesel Engin.
23	Ghatla Pumping Station, Chembur	2	90 H.P. Each Electric.
24	Sindhi Colony Pumping Station, Chembur	3	15 H.P. 2 Nos. Electric. 25 H.P. 1 No. Electric.
25	Janata Colony Pumping Station, Deonar	2	25 H.P. Each Electric.
26	Deonar Pumping Station, Deonar Colony	2	40 H.P. Each Electric.
27	Chunabhatti Pumping Station, Kurla	2	25 H.P. Each Electric.
28	Kurla Market Pumping Station, Kurla	2	25 H.P. Each Electric.
29	Rifle Range Pumping Station, Chatkopar	2	40 H.P. Each Electric.
30	Barve Nagar Pumping Station, Chatkopar	2	40 H.P. Each Electric.
31	Parkside Colony, Pumping Station, Vikhroli... ..	2	40 H.P. Each Electric.
32	Trombay Hill Reservoir	2	100 H. P. Each Electric.

APPENDIX VI—A

List of Municipal Bulk Pumping Stations in Outside City and Ulhas Divn.

Serial No.	Site	No. of Pumps	Horse Power of Pumps.	
1	Vehar Pumping Station	170 H.P.	1 Electric.	170 H.P.
		135 H.P.	3 ..	405 H.P.
		120 H.P.	3 ..	360 H.P.
		100 H.P.	2 ..	200 H.P.
		80 H.P.	3 ..	240 H.P.
		210 H.P.	2 Diesel.	420 H.P.
		160 H.P.	6 ..	960 H.P.
		20 Pumps	2755 H.P.	
2	Mohone Pump House, Ulhas River	250 H.P.	10 Electric.	2500 H.P.
3	Pogaon Pump House	250 H.P.	10 Electric.	2500 H.P.

APPENDIX VII

Statement of water Connections of different Sizes made during the year in City, Suburbs & Extended Suburbs.

SIZE OF CONNECTIONS

Ward	15 mm. (1/2")		20 mm. (3/4")		25 mm. (1")		30 mm. (1 1/4")		40 mm. (1 1/2")		50 mm. (2")		80 mm. (3")		100 mm. (4")		150 mm. (6")		Total	
	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered	Metered	Unmetered
A	10	6	13	22	14	6	6	2	14	5	13	4	11	1	3		1		85	46
B	27		11		3				6		1		1						49	
C	35	30	11	67	6	31		1	2	1					1				55	130
D	66	3	22	26	24	16		4	23	2	10		4		2		1		152	51
E	27	23	14	53	5	54		8	9	1	7		6				1		64	139
F/South	24	16	13	53	1	59		20	6	5	1	3	1				1		47	156
F/North	26	29	20	27	8	8		8	10	4	6	1							70	77
G/South	45	25	18	29	17	106		9	10	18	2	1	2	2	3		1		114	174
G/North	25	36	15	51	18	35		19	9	9	6		1						86	138
Total for City	285	168	137	328	96	315	34	62	57	26	39	11	20	1	9		5		722	911
H	185	108	121	16	66	3	9	1	7	1			5	1	1			1	394	131
K	251	166	133	20	66	5	48	3			7		2		1				518	194
L	129	34	30	4	6	1	4	2	8			1							178	42
M	133	37	29	10	25	1			9		1		2						198	48
N	178	51	59		48	3			23				1					1	270	57
Total for Suburbs	846	399	372	50	211	13	61	6	47	1	8	1	10	1	2		1	1	1553	472
P	187		40		7				42						4				289	
R	149	38	60	6	46	2	27	1	30		6		2		2				32	47
T	205	35	71	5	25	2			13	2	5	2			2				322	46
Total for Ex. Suburbs	542	73	180	11	78	4	27	1	85	2	11	2	2		8				533	93
Grand Total	1,673	640	639	389	385	332	122	69	229	29	50	14	32	2	19		6	1	3,213	1,476
All Total																				4,689

APPENDIX VIII

Statement showing details of meters in City, Suburbs and Extended Suburbs.

Serial No.	Ward	Ownership of meter	Total Number of meters on connection as on 1-4-1974	Number of meters exchanged during the year	Number of meters fixed on new connections during the year	Number of meters removed from existing connection during the year	Number of new properties metered during the year	Number of unmetered properties metered during the year	Total Number of meters on connections as on 31-3-1974
1	A	Municipal	2,333	1,397	98	319	18	...	2,326
		Private	756	...	23	262	3	...	606
2	B	Municipal	721	521	45	10	3	4	756
		Private	223	45	4	1	...	...	226
3	C	Municipal	1,227	849	47	6	3	...	1,268
		Private	294	127	8	3	...	...	299
4	D	Municipal	3,954	2,203	139	40	...	...	4,051
		Private	950	621	13	8	...	...	955
5	E	Municipal	1,782	1,410	44	56	3	1	1,775
		Private	676	263	20	5	4	...	687
6	F/S	Municipal	1,247	797	25	...	...	...	1,272
		Private	335	...	21	449	...	...	356
7	F/N	Municipal	1,674	1,089	46	...	...	...	1,670
		Private	1,069	1,096	23	...	...	...	1,112
8	G/S	Municipal	1,171	673	81	27	32	2	1,193
		Private	450	227	36	4	...	...	474
9	G/N	Municipal	1,858	658	97	...	97	...	1,952
		Private	1,072	155	40	...	40	...	1,115
Total for City									
		Municipal	15,917	4,597	522	458	156	7	16,265
		Private	5,845	2,484	168	732	47	...	5,833
		Total	21,762	7,081	710	1,190	203	7	22,098
10	H	Municipal	5,092	2,342	223	...	...	...	5,315
		Private	6,783	989	172	...	...	...	6,955
11	K	Municipal	5,191	...	500	143	...	...	5,525
		Private	5,270	...	105	...	...	...	5,209
12	L	Municipal	2,919	1,164	126	58	...	...	2,949
		Private	1,450	478	41	18	...	...	1,480
13	M	Municipal	3,179	1,096	141	18	131	...	2,249
		Private	1,484	485	58	8	58	...	1,843
14	N	Municipal	1,862	1,350	221	2	52	57	2,081
		Private	2,139	575	49	...	5	...	2,188
Total for Suburbs.									
		Municipal	17,233	5,952	1,211	221	183	61	18,129
		Private	17,426	2,525	45	193	63	...	17,675
		Total :	34,659	8,477	1,636	414	246	61	35,804
15	P	Municipal	3,292	871	367	...	...	...	3,549
		Private	2,114	332	52	...	...	...	2,136
16	R	Municipal	2,559	1,131	271	...	271	...	2,887
		Private	1,703	396	51	...	51	...	1,670
17	T	Municipal	1,233	962	250	...	...	...	1,478
		Private	2,735	...	72	708	...	...	2,792
Total for Ext. Suburbs.									
		Municipal	7,084	2,571	888	...	271	...	7,914
		Private	6,552	728	215	708	51	...	6,605
		Total :	13,636	3,699	1,103	708	322	...	14,519
Grand Total			70,057	19,57	3,449	2,312	771	68	72,418

APPENDIX IX

Short Supply Complaints in City, Suburbs & Extended Suburbs in 1974-75.

Month	City	Suburbs	Extended Suburbs
April	1,903	903	215
May	1,740	562	173
June	2,138	827	182
July	2,350	691	218
August	1,908	781	186
September	1,797	791	187
October	1,717	716	218
November	1,805	675	195
December	1,846	733	189
January 75	1,768	806	177
February 75	1,858	674	203
March 75	1,740	707	213
TOTAL	22,564	8,846	2,356

APPENDIX X

Details of the Works carried out by construction Division in City Suburbs and Extended Suburbs

Size of pipes	CITY Metres	SUBURBS Metres	EXTENDED SUBURBS Metres	TOTAL Metres
80 mm.	416	907	206	1,529
100 mm.	440	320	20	780
150 mm.	3,322	18,949	11,532	33,802
250 mm.	3,427	5,737	2,952	12,116
300 mm.	3,535	5,585	4,648	13,768
450 mm.	2,020	335	627	2,982
600 mm.	2,037	---	---	2,037
750 mm.	1,398	---	---	1,398
800 mm.	3	---	---	3
900 mm.	144	---	---	144
Total	16,742	31,832	19,935	68,559
	CITY	SUBURBS	EXTENDED SUBURBS	
	Rs.	Rs.	Rs.	
Cost of Scheduled works carried out (Departmentally and by contract)	64,81,988	46,37,623	37,19,683	
Cost of non-scheduled works carried out	5,52,108	2,97,183	54,912	
Total cost of the works carried out	70,34,096	49,36,806	37,74,615	

APPENDIX XI

Details of stand pipes in City, Suburbs and Extended Suburbs.

Serial No.	WARD	No. of existing stand pipes on 1-4-1974.	No. of new stand pipes given during the year.	No. of stand pipes cut off during the year.	Total No. of Stand pipes as on 1-4-1975.	
1	A	...	4	...	4	
2	B	...	...	...	...
3	C	...	...	...	...
4	D	...	5	...	5	
5	E	...	78	...	74	
6	F/S	...	168	14	180	
7	F/N	...	73	13	82	
8	G/S	...	191	31	218	
9	G/N	...	...	7	...	
	CITY TOTAL	...	519	58	23	563
10	H	...	794	85	79	873
11	K	...	1,164	203	2	1,365
12	L	...	485	128	1	605
13	M	...	242	48	3	287
14	N	...	724	106	2	823
	SUBURBS TOTAL	...	3,409	570	87	3,953
15	P	...	283	86	...	369
16	R	...	67	71	...	138
17	T	...	712	192	1	903
	EXTD. SUBS. TOTAL	...	1,062	349	1	1,410

BOMBAY FIRE BRIGADE

Summary of the Administration Report for the year 1974-75.

Expenditure—

The total expenditure incurred on the maintenance of the Bombay Fire Brigade amounted to Rs. 65,81,432 approx. as against Rs. 58,05,240 for the previous year.

Results—

The Brigade attended :—

(1) Fire Calls	2,009
(2) House collapse calls	376
(3) Rescue Service calls	527
(4) Other Service calls	491
(5) False calls	277
Total Calls	3,680

The Brigade attended to Ambulance Calls as given below :—

(1) Accidents	973
(2) Maternity	262
(3) Hire	1,872
(4) Free Poor Cases	2

The Brigade Officers inspected 6,373 premises and gave Fire Precautionary measures.

Deficiencies—

Great deficiency is felt at present as the number of Fire Stations to give Protection to Subs. and Extended Subs. is not adequate. However Deonar fire Station opened on 20th September 1974. which will increase efficiencies in fire fighting.

Suggestions—

The Government of Maharashtra offered 10 Fire Units, 7 Fire Units free of cost and others at concessional rates. Temporary Fire Station for the Subs. are being opened with the help of these Fire Unit. Permanent Fire Stations will have to be constructed on priority basis in the Suburbs.

A. S. KULKARNI
Chief Fire Officer.

BOMBAY FIRE BRIGADE

During the year under report Shri A. S. Kulkarni was in-charge of the department.

Fire Stations—

The total No. of Fire Stations was 12 in City and 5 in Suburbs.

Fire Appliances and Equipments—

(1) Motor turn Table Ladder :—				
(a) of 100 feet extension with pump	..	..	..	2 Nos.
(b) of 125 feet extension with pump	..	..	..	2 Nos.
(2) Motor Pumps :—				
(a) With escape of 50 to 60 feet extension	..	..	..	45 Nos.
(b) With extension ladders of 35 feet extension	..	..	..	..
(3) Fire Tender with extension ladder	..	..	..	4 Nos.
(4) Motor Emergency Tender with Special Gears	..	..	..	1 Nos.
(5) Motor Emergency Tender-cum-Fire Tender	..	..	..	1 Nos.
(6) Air Crash Tender with Special Gears	..	..	..	1 Nos.
(7) Trailer Pump :—				
(a) Medium Type	..	..	..	18 Nos.
(b) Light Type	..	..	..	2 Nos.
(8) Water Tankers	..	..	..	6 Nos.
(9) House Laying Lorry-cum-Canteen Van	..	..	..	1 Nos.
(10) Control Post Van	..	..	..	1 Nos.
(11) Motor Ambulance	..	..	..	14 Nos.
(12) Other Vehicles	..	..	..	27 Nos.
(13) Scooters	..	..	..	6 Nos.
(14) Ladders of various sizes	..	..	..	91 Nos.
(15) Breathing Sets :—				
(a) Oxygen	..	..	..	36 Nos.
(b) Compressed Air	..	..	..	36 Nos.
(16) Fire Hose Delivery Rubber lined in stock	..	..	..	1249 Nos.
(17) Gas Masks of various types	..	..	..	112 Nos.

Out of the above appliances and equipments the following were purchased during the year 1974-75.

(1) Ambulance	..	..	..	..	3 Nos.
(2) Jeep	..	..	..	..	3 Nos.

Communications—**(A) Telephones :—**

In the year 1963-64 the six Emergency lines of the Brigade were spread up as under :—

- (i) Four Emergency lines (No. 101 for fires and other Emergency Calls).
- (ii) Two Emergency lines (No. 102 for Ambulance Calls). This system continued to exist in the year under report, For better functioning the Fire Brigade Control Room is air conditioned.

(B) Wireless Communication System :—

The Frigade has 55 Radio Telephone Sets (14 static sets, 31 Mobile Sets and 10 Walkie-Talkie Sets actually in use and 2 spare Walkie-Talkie Sets during the year under report.

(C) Fire Alarm :—

The total number of Fire Alarm was 212 including 25 private ones.

Calls :—

The Brigade responded to total No. of calls as shown below with comparative figures of the previous year.

	1973-74	1974-75	Difference
Total Calls	3,708	3,680	28 Decrease.
Actual Fires	1,922	2,009	87 Increase.
Actual House Collapse	327	376	49 Increase.
Rescue Service	378	527	149 Increase.
Other Service	485	491	6 Increase.
False Calls—			
Defective Calls due to defects in Fire Alarm System ..	139	44	95 Decrease.
Good Intent Calls	77	75	2 Decrease.
Malicious Calls	347	158	189 Decrease.

Outside City Limit Calls—

There were 2 such calls during the year.

Serious Fires—

There were 24 serious fires during year (*vide* Appendix I).

House Collapse—

This Brigade attended calls to 376 fallen buildings as against 327 in the previous year. 27 persons lost their lives and 139 were injured.

The figures of last 4 years are as given below :—

	1970-71	1971-72	1972-73	1973-74	1974-75
House Collapse	371	419	327	327	376
Deaths	29	59	21	11	27
Injuries	169	238	179	129	139

Some serious House Collapses are mentioned in Appendix VI.

Other Services—

There were 491 calls of other Services which included leakage of poisonous gases and dangerous fume, spilling of acids, falling of trees, shock, due to electricity vehicle accident etc. 74 persons lost their lives in such accidents and 147 persons received injuries.

Rescue Service—

The Brigade attended 527 calls of various types of Rescue Work such as persons fallen in wells, sea etc. trapped in lift cages, drainages, marocred in flooded area etc. 253 persons died in such cases and 147 were injured. Majority of Deaths 136 were by drowning. The Brigade also rescued 96 animals and birds.

Burning Casualties—

There were 355 casualties due to fire out of which 72 persons lost their lives (28 males and 44 Women) 283 persons received burns and subsequently recovered. Out of total casualties 71 c.s.s (48 females and 23 males) were of suicide.

Fire Loss—

The total loss due to fire was approximately Rs. 4,71,98,898 out of this the damage to the insured property was Rs. 1,68,72,962. The total property involved was worth Rs. 1,13,78,46,800.

Water Supply—

The approximate quantity of water used for extinguishing fires was about 8,85,66,132 litres out of which 8,85,16,132 litres were drawn from Municipal mains and rest from sea, wells, ponds etc.

Hydrants—

The number of hydrants for City and Suburbs was 10,971.

Fire Prevention—

During the year under report 7009 cases were received as against 6,230 in the previous year. Out of these 6,373 cases were disposed of. The cases received included 5,014 cases from Municipal Department like Licence, Factory and Health. 624 cases for No objection Certificates for building, 299 for No Objection Certificates for public entertainments. 61 cases for No Objection Certificates required by Commissioner of Police, Inspector of Explosives and Controller of Drugs, 544 cases of complaints and 467 Miscellaneous cases including reminders.

OTHER ACTIVITIES**(1) Celebration of Fire Service Week :—**

The Bombay Fire Brigade in co-ordination with other Fire Services of the City celebrated the Fire Service week from 8th April 1974 to 14th April 1974.

A number of fire fighting Demonstrations were arranged during the above week to educate public in fire fighting. Two Officers of Bombay Fire Brigade in this week visited several industries of the City and delivered lectures on Fire Fighting. This Brigade joined hands with other organisations to raise funds for welfare service personnel by selling flags to the public on 14th April 1974. The most remarkable function of the week was the Prayar Meeting at Fire Brigade Head quarters to pay homage to the gallant Fire Officers and men who laid down their lives while fighting fires in the disastrous Dock Explosions of 1944. Shri Prabhakar Kunte, Minister, Government of Maharashtra presided over the occasion.

(2) Republic Day :—

Fire Brigade Personnel participated in the ceremonial parade route march along with Defence and other services on 26th January, 1975. The Fire Brigade Personnel also participated in the Maharashtra Day parade on 1st May 1974.

(3) Annual Drill Competitions :—

As usual annual fire drill competitions were held. During the year competitions were held in (i) Fire Trailer pump Drill (ii) Fire-Escape and Motor pump drill teams in each competition from different fire stations participated. The finals were held on 23rd March 1975. Shri M. W. Desai, Municipal Commissioner presided over the occasion and distributed the prizes. The best performance Rotating Trophy was awarded to Station Officer Shri V. G. Sawant.

(4) Annual Sports and Tournament :—

As usual annual Sports and Tournaments were held on 4th February 1975. Various teams in each sports from different Fire Station participated. Shri Vijay Parvatkar, Chairman of the Standing Committee presided over the occasion and Mrs. Parvatkar distributed the prizes.

(5) Awards and Prizes :—

The following awards, prizes and certificates were given on 23rd March 1975 at the hands of Shri M. W. Desai, Municipal Commissioner.

Presidents Police Medal :—

Shri A. S. Kulkarni, Chief Fire Officer was awarded the above medal for meritorious service on 26th January 1974. The medal was presented to him on the occasion of Republic Day Parade held on 26th January 1975 by this Excellency, the Governor of Maharashtra.

Shri R. R. Rao Asst. Divisional Officer, now on deputation to Civil Defence Department of Government of Maharashtra was awarded the medal for meritorious service on 15th August 1974.

Shri L. S. D. Meherwanji, Deputy Chief Fire Officer and Shri V. B. Nikam Divisional Officer were also awarded the medal for meritorious service on 26th January 1975.

Best Fireman Award of Rs. 100 to :—

Shri Hafiz Nissar Fireman.

Cash Prize of Rs. 50 to Shri Dadu Dudhaji Shinde, Leading Fireman for securing first place in the Leading Fireman's class held in 1974.

Long Service and Good Conduct Medals to:—

- (1) Ex. Driver Operator Vidyadhar Sitaram Chawan.
- (2) Ex. Driver Operator Shankar Bapu Satam.
- (3) Ex. Leading Fireman Krishna Dhundu Kadam.
- (4) Ex. Leading Fireman Tawaji Ramchandra Naik.
- (5) Ex. Leading Fireman Ramchandra Vishram Waradkar.
- (6) Ex. Leading Fireman Shivling Govind Jangam.
- (7) Ex. Leading Fireman Kashiram Govind Shinde.

(6) Awards of Scholarships to children of Briagde Employees :—

As in the previous year under the year under reports scholarships ranging from Rs. 10 to Rs. 65 were given to school going children of the Brigade employees who passed the Annual examination with credit from Standard IV to XI. 51 applications for the scholarship were received. Out of the above 25 applications as per merits were considered for grant of scholarship. 31 applications were considered for the grant of consolation prizes. The Scholarships were distributed on 27th September 1974. An amount of Rs. 800 was utilised for the purpose.

(7) Deputation of Officers :—

(a) Shri R. R. Rao Asstt. Divisional Officer, who was deputed to Home Guards Organisation as a Fire Fighting Instructor with effect from 18th May 1964 continued to be on deputation during the year under report to Director of Civil Defence, Government of Maharashtra.

(b) Shri B. G. Sawant, Divisional Officer, who was deputed to Air India from 4th September 1973, continued to be on deputation during the year under report.

(c) Shri S. M. Desai, Asstt. Divisional Officer who deputed to State Bank of India from 16th April 1974.

(8) Fire Fighting Training to Outside Candidates /

(a) During the year under report practical training in fire fighting and rescue duties was imparted to the Home Guards to Greater Bombay.

(b) Officers of Bombay Fire Brigade gave a number of lectures on fire fighting in the training school of the Security Guards of Municipal Corporation of Greater Bombay. The Officers also gave a lecture on fire fighting to the trainee officers in the Central Labour Institute.

(9) Vocational Service Awards :—

During the year the following Awards were presented :—

- (A) Rotary Club of Chembur :—
Cash of Rs. 101 .. Shri J. P. Sawant, Sub-Officer.
- (B) Rotary Club of Bombay :—
Cash of Rs. 100 .. Shri Shankar Ganpat Sawant, Driver Operator.
- (C) A Prize of Rs. 55 offered by Smt. Parvatiben Parihar, Municipal Councillor for best Fireman from New Deonar Fire Station, Shri Hasan Dawood Bade, Driver Operator.

AMBULANCE SERVICE

Ambulance Service attended calls as given below :—

Accidents	..	..	..	..	..	973
Maternity	..	..	..	..	..	262
Hire	..	..	..	..	..	1,872
Free Poor Cases	..	..	..	..	..	2
						4,109

In all 2,698 persons were removed in Ambulances. First aid rendered on 7 occasions. The total receipts during the year on account of fire cases amounted to Rs. 22,090 including arrears as against Rs. 1,920 in the previous year.

BRIGADE ESTABLISHMENT COST

The cost on account of Fire Brigade Department including Ambulance Service but excluding supervision charges of Provident Fund. Pension and proportion of general supervision and revenue and debit charges etc. was Rs. 7,89,070.17.

A. S. KULKARNI,
Chief Fire Officer, Bombay Fire Brigade.

APPENDIX—T

Brief details of serious fires during the year 1974-75.

Date and Time	Place	Business	Extinguished by	Description of damage	Estimated Damage
17-4-1974 0504 hrs.	Hormasji Sorabji Bldg., and Ladhahai Bldg., Mama Permand Marg.	Shops and residential.	F/M with 13 engine lines of 18 Motor pumps.	Refrigerator machinery, T. V. Sets, Radio motor spare parts, different types of machineries, office furniture, record, electric installation, photographic equipments and entire five floored timber framed bldg. severely damaged by fire, heat, smoke and water.	Rs. 23,58,500
17-4-1974 1655 hrs.	13-15, Daryasthan Street.	Trust, residential and godown.	F/M with 13 lines of 9 motor pumps.	Large quantity of herbs, different types of chemicals, ele. installation, entire 5 floored timber framed bldg. severely damaged by fire, heat, smoke and water.	2,53,300
3-5-1974 1235 hrs.	13-14, Modi Chamber, French Bridge, Opera House.	Shops	11 engine lines of 13 motor pumps.	Large no. of motor spare parts, office furniture, ceiling fans, cupboards, racks, record, large quantity of sweet-mat, packing material, cardboard and printing machinery, portion of two floored timber framed severely damaged by fire, heat, smoke and water.	34,17,700
3-7-1974 0320 hrs.	Western India Oil Co. Ltd. Antop Hill, Wadala.	Oil Co.	F/M with 13 lines of 7 Motor pumps.	Two ground floored structures severely damaged by fire, heat, smoke and water and by breakage, vegetable and other oils, tarpauline, ele. installation, petrol etc. severely damaged by fire, heat, smoke and water.	99,29,300
6-7-1974 0225 hrs.	Mahalaxmi Bridge, Dhobi Ghat.	Godowns	F/M with 11 engine line of 10 motor pumps.	About 3500 drums of liquids and solid chemicals, cloth bales, steel pipes, nylon yarn, laboratory instruments, metal, raw materials, ele. installation, office furniture, records, doors, windows, severely damaged by fire, heat, smoke and water. Mahalaxmi Bridge completely damaged due to fire.	41,18,000
6-7-1974 1314 hrs.	Grant Road Electric Traction Sub-Station Western Rly.	Electric Sub-Station	F/M by cutting of current.	Four traction feeder, breakage in ele. sub station on mezzanine floor of two floored Bldg. severely damaged by fire, heat, smoke and water.	1,00,000
16-7-1974 1022 hrs.	All India Institute of Physical, Medicines and rehabilitation, Haji Ali, K. Khade Marg, Lala Lajpatrai Road.		F/M with five lines of four Motor pumps.	No. of bright steel bars, large quantity of leather, waste cotton blankets, wooden planks, 8 drums of rubber solution, bottle cooler machine, copying lathe machine, doors, windows, ceiling etc. severely damaged by fire, heat, smoke and water in a 3 floored bldg.	1,50,000
30-8-1974 2329 hrs.	154, Cavel St., Swadeshi Market, New Gully.	Shops	F/M with four engine line and 2 first aid appliances.	Ready Made garments, clothes, artsilk fancy cloth, cut-pieces, saris, etc. severely damaged by fire, heat, smoke and water in 6 floored brick walled bldg.	1,26,000
14-11-1974 0339 hrs.	17/4, Carnac siding road, Lokhand Bazar.	Do.	F/M with three motor pumps and one trailer pump and 1 light pump.	Stock of books, office furniture, hardware childrens' scooter, tarpauline, ele. installations and structure severely damaged by fire, heat, smoke and water.	1,80,500
17-12-1974 1607 hrs.	Bharat Barrels and drums Mfg. Co. Pvt. Ltd., Hanuman Lane, Prakash Cotton Mills Compound.	Barrels & Drums Co.	F/M with 5 lines of 3 motor pumps.	Spray painting booth, drying chamber, oven 50 empty barrels, large quantity of paint, records, files, air conditioning machine, furnitures severely damaged by fire, heat, smoke and water. Roof structure, plaster, walls ceilings and windows of the structure severely damaged.	1,10,000
21-12-1974 1612 hrs.	Maniar Bros. 38-A Ali Tallai Wadi, Dharavi X Road Dharavi.	Dealing with waste papers.	F/M with 4 engine lines of 3 motor pumps.	Large stock of waste paper, weighting machine, belling machine severely damaged by fire, heat, smoke and water in a 2 floored timber framed building.	70,000
2-1-1975 0140 hrs.	94-96, Dr. Dadasaheb Bhadkamkar Marg, Bombay 8.	Shops and Residential.	Fireman with 5 Engine lines of 8 Motor Pumps.	Three Motor Cars, 3 Scooters motor car garage equipments, carpenter timber fuelwood, weighting machine, 6 bicycle, 26 petrolmax lamps, house hold articles, furniture, electric installation, Mandap decoration articles, projector etc. in the C. I. Sheet structure and residential bldg., severely damaged by fire, heat, smoke and water.	1,11,600
4-1-1975 0105 hrs.	61-66, Off. Dr. E. Moses Rd., Worli.	Shops and factories.	Firemen with 9 lines of 8 motor pumps.	Large stock of garment, power laundry, machineries, furniture, air-conditioning unit, stock of paper sheets, office records, sewing machine, painting machineries, safe vaults, severely damaged by fire, heat, smoke and water. Walls, windows, doors A. C. C. roofing of ground floor to upper floor severely damaged.	10,46,500

Date and Time	Place	Business	Extinguished by	Description of damage	Estimated Damage
					Rs.
14-1-1975 0708 hrs.	Signal Hill Avenue Rd., near Reay Road Railway Station.	Shops	Firemen with 6 lines of 12 motor pumps.	Machineries pertaining to trade of manufacturing spare parts, ready made plastic goods, goods in process, furniture fixtures, large stock of timber, stock of sport goods, stock of steel, office records, files, electropainting electric installation etc. severely damaged by fire, heat, smoke and water. C. I. Sheet structure doors, windows severely damaged.	46,00,500
17-1-1975 0202 hrs.	Maulana Azad Road, Byculla, Bombay 6. Super furnishers.	Furniture	Firemen with 8 lines of 9 motor pumps.	Large stock of yarn, cotton fabrics power looms, timber oxyacetylene cylinders, furniture, electric installation, office record severely damaged by fire, heat smoke, and water. Entire brick Walled timber framed C. I. Sheet roof severely damaged by fire, heat, smoke and water.	3,59,000
21-1-1975 0625 hrs.	101, 2nd Flank Road, Keshavji Naik Road.	Transportation	2 Engine lines and 4 soda acid extinguishers.	About 17 to 20 packages of finished cloths, large number of agarbatti bundles, yarn, bobbins old garments, entire electric installation, wooden ceiling severely damaged by fire, heat, smoke and water.	1,25,000
22-1-1975 0206 hrs.	Camra House, 124, Mint Road, Fort.	Landlord	Firemen with 10 motor pumps.	Rear side of portion about 30' x 50' of 3 floored building severely damaged by fire, heat smoke and water. Household articles, cloths, large quantity of paper stocks, electric installation printing material, food stuff etc. severely damaged by fire, heat, smoke and water.	95,000
26-1-1975 1452 hrs.	M. Shwadi Majaswadi, Premnagar, Bhutbanglow Shankar Wadi, Dias Compound, Western Express Highway, Jogeshwari (East).	Bakery and Residential.	Firemen with 8 motor pump and firemen (Civil Defence) with 1 motor Pump.	Stock of bake articles, like flour, semi-finished goods, finished bake articles like bread toasts, wooden furniture, office records, large stock of timber, C. I. Sheet, Walls, timber frames, roofs of all the structures, Household articles utensils cloths food grain etc. severely damaged by fire, heat, smoke and water.	3,24,000
16-2-1975 1229 hrs.	51-53, Lakhamji Khimji Chawl 1st Ganeshwadi, Sk. Memon Street.	Cloth merchant	Firemen with 4 engine lines of 4 motor pump.	Cloth bales, steel and wooden furniture mattresses, electric installation, tarpouline, fans, files, office records windows doors, beams, C. I. Sheet roofs etc. severely damaged by fire, heat, smoke and water.	1,27,500
20-2-1975 0427 hrs.	144, Ashok Silk Mills Compound, Kala Kille near Sion Railway Sta.	Dealing with empty gunny bags.	Firemen with 6 engine lines and 1 Civil Defence Line.	Large quantity of gurry bags nearly 200 gunny bags of cement A. C. Sheet roof of the building, wooden doors of the bldg., severely damaged by fire, heat, smoke and water.	1,00,000
21-2-1975 0029 hrs.	Fonex Mill Ltd., S. Bapat Marg, Lower Parel, Bombay.	Textile Mill	Firemen with 3 lines of Mills hydrant.	Large quantity of lint, rolls, cotton rolls, paper hand cutting machines, finished goods, rolling machine, etc. installation, packing material severely damaged by fire, heat, smoke and water, roof, windows, doors walls of the structure of 2 floors bldg. severely damaged.	2,50,000
25-2-1975 1934 hrs.	12-B, Old Anjirwadi, Dr. Mhaskarane Rd., Bombay.		Firemen with 11 engine line of Motor Pump.	Various types of chemicals, electric motors, refrigerations, air conditioning materials, pulse crushing machines, transformers, electric installations etc. severely damaged by Fire, heat, smoke and water. Walls, roof doors of the structures severely damaged.	16,25,000
26-2-1975 2233 hrs.	Sewree Coal Depot, Fosbury Road, Sewree.	Coal Depot	Firemen with 8 engine lines of 12 motor pump.	Storage of coal, coke, Charcoal, furnace oil, petroleum products in drums, gunny bags and timber framed, bamboo matting, tarpouline structures severely damaged by fire, heat, smoke and water.	4,50,000
21-3-1975 0059 hrs.	Khanna dyeing and printing works and M/s. Hundaram Ramchand, 38, Sonawala Estate, Sonawala Rd., Goregaon (East).	Dyeing & Printing	Firemen with 2 motor pumps.	Machinery, steel and wooden furniture office records, wooden racks, printing wooden tables, large stock of screen printing, press and ground floored structure severely damaged by fire, heat, smoke and water.	85,000

Appendix No. II
BOMBAY FIRE BRIGADE

Summary of calls to Fires (including false alarms) showing the number of times appliances of the Fire Brigade attended and were extinguished fires during the year 1974-75.

Sr. No.	STATIONS.	NUMBER OF FIREALARMS ATTENDED.		HOW CALLED			HOW ATTENDED												HOW EXTINGUISHED.											
							STATION APPLIANCES			AIDING APPLIANCES.																				
		Municipal.	Private.	By Strangers.	By Fire Alarms.	Control Room	Total.	Motor Pump carrying Escape or Ladder	Extension	Fire Unit	Escape	Extension	Motor Turn table Ladder.	Fire Unit.	Trailer Pumps.	Motor Emergency Tender.	Control Post	Hose Lorry	Sand.	Buckets.	Chemical Extinguishers.	Hand Pumps.	First Aid Appliances.	Hydrants.	N. of Motor Pumps.	No of Jets.	B.A Sets	Automatic Sprinkler heads actuated.	Foam Equipment.	
1	Colaba	9	3	21	10	112	149	164	44	4	15	2	34	7	6	34	7	6	34	7	6	34	7	6	34	7	6	34	7	6
2	Fort	19	5	39	11	171	221	193	138	4	38	75	6	4	10	9	29	17	5	25	7	36	34	36	34	36	34	36	34	
3	Memonwada	30	2	79	140	298	517	474	91	79	75	30	8	6	13	5	107	56	1	12	1	1	10	1	1	10	1	1	10	
4	Gowalia Tank	25	1	94	...	262	356	345	5	13	142	27	8	9	8	9	57	64	20	27	9	...	21	13	1	13	1	13	1	
5	Byculla	19	4	86	47	193	326	303	65	1	52	21	14	...	10	5	36	31	3	20	2	18	...	...	...	...	...	...	...
6	Worli	10	...	44	19	168	231	227	33	...	37	96	2	1	...	9	3	48	33	165	...	29	46	35	35	...	4	...	...
7	Dadar	24	2	33	75	212	320	308	142	...	108	87	2	5	...	2	1	2	5	...	7	2	11	14	...	...	...	...	...
8	Shivaji Park	...	...	13	33	92	138	...	137	2	58	13	1	1	...	1	...	25	1	...	2	5	5	...	...	...	...	...	...
9	Indira Dock	17	...	7	19	74	100	58	97	8	83	8	1	8	...	8	...	5	3	...	35	6	20	...	2	...	...	...	...
10	Mandvi	12	1	21	65	52	178	155	75	9	78	1	4	21	...	...	11	13	2	2	5	27	33	...	...	...	...	...	1
11	Sewree	12	6	21	9	167	137	134	5	...	57	49	...	17	...	10	2	10	15	21	29	6	49	48	...	...	...	...	2
12	Andheri	10	...	17	32	515	564	...	475	31	2	91	...	13	...	25	6	65	67	109	...	23	1	75	107	2
13	Vikhroli	27	...	198	225	...	217	57	1	1	...	24	...	18	24	8	...	15	5	41	37	2
14	Chembur	24	...	114	138	...	146	...	1	24	...	3	...	3	1	3	20	3	...	12	7	16	17	1
15	Dharavi	10	2	59	71	1	70	...	15	20	1	1	...	1	1	24	13	4	...	6	...	6	14
16	Deoner	2	...	8	10	...	10	...	10	7	1	2	3	...	3	2
Total		187	75	538	468	2675	3681	2238	1870	147	800	610	50	94	8	127	33	10475	357	344	2256	93	341	379	2	17	9

Appendix No. III

Monthly summary of Fires and annual losses for the period from 1965-66 to 1974-75.

Year.	April	May	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total.	Estimated Loss.	
														Rs.	
1965-66	...	154	154	139	148	116	115	151	170	133	156	145	171	1,762	11,12,000
1966-67	...	163	133	115	136	91	114	143	200	180	171	135	169	1,754	95,76,772
1967-68	...	156	151	204	150	117	124	181	228	147	185	149	191	1,935	1,59,72,216
1968-69	...	130	166	180	133	124	131	229	190	153	156	191	127	2,010	1,03,71,560
1969-70	...	123	174	153	143	101	140	140	168	181	145	123	156	1,747	2,00,85,438
1970-71	...	122	150	210	148	116	143	227	242	215	163	168	220	2,124	5,90,56,893
1971-72	...	170	229	212	141	130	157	177	193	197	174	169	165	2,114	2,45,47,953
1972-73	...	160	160	238	159	187	160	213	206	155	175	163	185	2,261	7,29,06,469
1973-74	...	148	148	155	159	141	151	184	168	188	158	151	169	1,923	4,12,25,836
1974-75	...	149	170	157	316	130	119	130	216	143	164	176	140	2,039	4,71,98,898

APPENDIX No. IV
BOMBAY FIRE BRIGADE

Types of Rescue	In Fires	In accidents.	Total
(1) Number of persons rescued alive with burns and/or injuries and subsequently recovered	195	415	610
(2) Number of persons rescued alive with burns and/or injuries but subsequently died	78	158	236
(3) Number of human lives lost before arrival of the Brigade ...	24	68	92
(4) Number of casualties amongst Fire Service Personnel ...	12	...	12
(5) Number of animal lives rescued ... ..	...	96	96

APPENDIX No. V
BOMBAY FIRE BRIGADE

Fire Risk Covered :

1 Textile, Woollen Silk and artificial Silk (Rayon etc. Mills)	...	...	207
2 Ginning Mills ... ..	...	...	...
3 Cotton Presses ... ..	...	...	11
4 Oil Mills ... ..	...	...	31
5 Petrol and Oil Storages and refineries ... ..	...	...	186
6 Match factories, fireworks and explosives manufacturers	...	...	3
7 Explosives stores ... ..	...	...	21
8 Processes involving dangerous petroleum products	...	...	10
9 Cinematograph films, Celluloid Plastics and Bakelite Works	...	...	282
10 Timber and wood working paper manufacture ...	...	...	321
11 Chemical Works ... ..	...	...	225
12 Gas and Electricity Undertaking ... ..	...	...	21
13 Docks, Railways, Air-Port installations	...	...	29
14 Warehouses, Goods Yards, Goods Sheds	...	...	330
15 Manufacture of Rubber Goods ... ..	...	...	239
16 Manufacture of other goods ... ..	...	...	847

Water Facilities :

17 Hydrants and approximate capacity ... ..	...	...	37,657
18 Water ponds ... ..	...	...	48
19 Refilling Places ... ..	...	...	41
20 Wells, Rivers and Canals ... ..	...	...	977
21 Other facilities like static tanks, storage tanks, etc.	...	...	177

AND
Sea Water
{ around the
island of
Bombay

203B

APPENDIX No. VI.

BOMBAY FIRE BRIGADE

Brief Details of Serious House Collapses during the year 1974-75.

Date and Time	Place	Death	Injury	Details
7-7-1974 1956 hrs.	Khambata Lane, 7th Khe wadi	3	...	Rear side of three rooms of each floor of five floored building collapsed and adjoining building, thereby two rooms portion from 1st floor to top floor of adjoining bldg. had collapsed three persons were buried under debris.
8-7-1974 1429 hrs.	M/s. National Wire and Metal Industrial - Shaha Industrial Estate Veera Dasa Road, Versova.	...	22	An R. C. C. slab over an area about 65x35 feet of a two floored R. C. C. Building under construction gave way resulting injuries to 22 persons. All were removed to Hospital in Brigade Ambulance.
12-8-1974 0634 hrs.	Dr. S. S. Rao Road, Gfresh Gally, 35, Parshottam Bhawan	8	5	Entire rear side portion of four living rooms of four floored bldg. collapsed. Large number of persons trapped under debris. Rescued persons were removed to K. E. M. Hospital in Brigade Ambulance.
20-12-1974 1315 hrs.	180, A. Latif Chumrawalla Chawl Maulana Azad Road.	4	...	Entire South west portion of one room of each floor of four floored bldg. had collapsed and four persons had trapped under debris trapped persons rescued and removed to Nair Hospital in Brigade Ambulance.

Special Service Call

4-7-1974 0310 hrs.	Zakeria Bundar Road, Near Balewar Lawrie Co.	9	5	A retaining wall fallen on the three huts in which 9 persons dead and 5 persons were injured. All the casualties were removed to Hospital in Brigade Ambulance.
8-3-1975 1340 hrs.	S. V. S. Marg, Junction of Rao Bihadlar S. K. Bhole Road, Opp. Caltex Petrol Pump, Prabhadevi.	1	21	A double decker trailer bus of B.E.S.T. bearing No. MRR 675 and route No. 90 L.L., turned over to its left 22 persons found trapped. All 22 persons were removed to K. E. M. Hospital in Brigade Ambulance.

MUNICIPAL GARDENS

Summary of the Administration Report of Superintendent of Gardens

Factual and Statistical information for the maintenance of Municipal Gardens, Playgrounds, open spaces, traffic islands fountains, band stands and box hedges and statues and animal Zoo during 1974-75.

(1) Money spent .. Rs. 75,74,832.

(2) Results achieved & .. Maintained the gardens and playgrounds planted trees etc. as shown below :—

Area	Gardens	Play-grounds	Gardens attached to Munl. Bldgs.	Traffic Island Gardens	Foun-tains	Band Stand	Box Hedge	Statues
CITY	134	54	14	31	17	6	2	6
SUBURBS	50	9	4	2	4	1	1	1
EXTENDED SUBS.	16	1	7	..	1	1	..	1
Total	200	64	25	33	22	8	3	8
Grand Total								363

	City	Suburbs	Extended Suburbs	Grand Total
Total No. of trees Planted	4,212	3,696	2,177	10,085

(3) Suggestions for remedying and defeciencies.

We must have security arrangements in all our gardens and playgrounds as in the evening after working hours of Malis, gardens and playgrounds are misused by the anti-social elements.

We should have more No. of tree guards to enable us to protect saplings from damage by stray animals and/or anti-social elements.

(4) Specific information

Nil.

J. C. GARKHEL,
Supdt. of Gardens.

ADMINISTRATION REPORT OF THE GARDEN DEPARTMENT

1974-75

The Garden Department had maintained 322 sites consisting of 200 gardens, 64 playgrounds open spaces of various sizes, 25 gardens attached to the Municipal buildings and 33 traffic island gardens. Besides, 22 fountains and 8 band stands, 3 box hedges and 8 statues in the City, Suburbs and Extended Suburbs were maintained by the Garden Department during the year under report.

Veermata Jijibai Bhosle Udyan continued to remain an attraction to the visitors. The different kinds of flowers, extensive lawns and shady trees provided a feast of colours to the eyes and relaxation of the mind.

Botanical specimen were supplied to the colleges and institutions free of charge and facilities were given to the batches of students from various colleges schools and institutions for study in the garden.

Three Thousand Two Hundred and Seven Plants were distributed free of cost to co-operative Housing Societies, Public Trusts, Schools, Colleges and Public Institutions for planting in their premises as a part of our "grow more tree" campaign.

ZOO

As far as Zoo is concerned the recently constructed Snake Park remained the attraction to the visitors throughout the year. The herd of the beautiful Chitals, whose number is steadily increasing also becomes the delight to watch to the visitors. Some rare species e. g. Black Buck, Fallow Deer Chowsingha Rib-durd deer were born in the Zoo during the year under report. In the year 1974-75 we have received some animals e. g. Indian Elephant, Porcupine, Chinkara etc. by way of donation. The facility of camel and pony ride were made available to the visitors throughout the year.

Most of the cages and enclosures were repaired and repainted. In many cages and enclosures, plants and trees were provided to offer shade and natural environments to the animals/birds.

Many nest boxes were provided as a part of our efforts to breed birds in captivity.

As usual the Boating Park was also a great attraction to the visitors.

The following birds and animals were added to the Zoo by purchasing from local market according to our requirements.

(1) Bluewinged Parakeets	..	..	..	..	..	4
(2) Redbreasted Parakeets	..	..	..	..	..	6
(3) Chloropsis	..	..	..	..	..	4
(4) White-eye	..	..	..	..	..	18
(5) Fisher's Love birds	..	..	..	..	..	2
(6) Indian Treeepis	..	..	..	..	..	1
(7) Red Lory	..	..	..	..	..	2
(8) Grey Jungle Fowl	..	..	..	..	..	10
(9) Rain Quails	..	..	..	..	..	69
(10) Grey Partridge	..	..	..	..	..	5
(11) About 100 reptiles						

Efforts were made to pair off the various wild species to breed them in the Zoo and we were successful to some extent in this respect.

There were 215 animals, 586 birds, and 121 reptiles and are displayed in the Zoo and 148 laboratory animals as against 179 animals, 563 birds and 173 reptiles during the previous year, which can be grouped as under :-

Description	For display	Laboratory Animals
(1) Mammals	215	148
(2) Birds	586	..
(3) Reptiles	121	..

Increase/Decrease During the Year 1974-75

Description	Mammals	Birds	Reptiles	Laboratory Animals
(1) Born	31	70	..	557
(2) Sold	10	26	..	..
(3) Received as presents	59	26	5	19
(4) Fed to Snakes	..	6	154	5023
(5) Died	32	130	88	13

Open Air Theatre

The open air theatre was hired out to the public on reasonable rent on 106 occasions during the year under report for Dramas, social gatherings and Tamashas etc. and it is becoming popular day by day.

Newly Developed Gardens :—

Lal Bahadur Shastri Udyan, Worli.

A vacant plot of land around the Water Reservoir at Worli was developed into a beautiful garden and now the said garden became an attraction of the Bombay City. The garden was inaugurated by Shri B. R. Gawade, Chairman, Markets and Gardens Committee on 29th March 1975.

Wadawali Circle Garden

A beautiful garden is developed at Wadawali Circle, Chembur by providing shrubs, flowers, trees etc.

Following existing Gardens were the main attraction for the public.

S. K. Patil Udyan

Facilities were continued to the students for studying in the Garden by allowing them to stay in the Garden till 11 P.M. during their examination days in S. K. Patil Udyan, which is a beautiful garden in C Ward.

Durgadevi Udyan

Durgadevi Udyan which was formerly in a bad condition was renovated and modern children play apparatus, fountain etc. were provided thereat.

Hanging Gardens

Sir Phirozshah Mehta Garden, Kamala Nehru Park are beautifully laid out and are the major attractions for the local as well as foreign visitors. A small portion of the garden is developed as Rose Garden.

Improvements in the Gardens etc :—

Sitaran Shetty Garden

This garden is now renovated and it becomes one of the attraction of Dongri area in B Ward.

The water fountains at Rajawadi Garden at Ghatkopar, Lala Tulsiram Park at Mulund, Dr. Ambedkar Udyan, Chembur were renovated and put into commission during the year under report.

Central hedges were maintained at the following places :—

- (1) Netaji Subhash Road.
- (2) Hornby Vellard.
- (3) Andheri-Bridge.

The ornamental railings, modern play apparatus, lights, mosaic seats, pathways were provided in many gardens and playgrounds in the City, Suburbs and Extended Suburbs.

Municipal Gardens :—

On many occasions, we had given Municipal Grounds to various parties for playing games and arranging tournaments. The facility of giving Municipal grounds for public meeting was continued throughout the year.

Maharashtra State Women's Council were given all the facilities to conduct directed games in our gardens and playgrounds for benefit of the local children. The organisation is also allowed to use the open air theatre at S. K. Patil Udyan for arranging cultural activities for the Welfare of the local children.

Municipal Playgrounds and open spaces, were also given to many schools and other institutions for physical training, annual sports and tournaments.

J. C. GARKHEL, B.Sc. (Hons.) Agri.
Superintendent of Gardens.

VICTORIA AND ALBERT MUSEUM

(Dr. BHAU DAJI LAD MUSEUM)

The Museum Committee was constituted for the formation of Victoria Museum at the suggestion of Hon. Shri Lumden in 1855. The building was constructed subsequently and the Museum was renamed as Victoria and Albert Museum. It was declared open to the public on 2nd May, 1872. On 1st October, 1885 it was handed over to the Bombay Municipality (now Municipal Corporation of Greater Bombay) The exhibits are classified in different sections such as Agriculture & Village Life, Armoury, Cottage Industries, Ethnology, Fine arts, Fossils, Indian Coins, Minerals, Miscellaneous Collection, Old-Bombay Collection, Pre-History and Geology and Religion and Mythology. Coin Cabinet contains Ancient Indian Coins. The reference Library attached to the Museum contains books on Art, Archaeology, Old Bombay, History etc. 18 volumes containing specimens of Indian Textile are also made available for reference/perusal on request.

The Museum remains closed on Mondays and eight important Public Holidays.

Museum hours-From 8-30 a. m. to 5-20 p. m. on Sundays and from 10-30 a. m. to 5-20 p. m. on other working days.

Admission fee charged is five paise per visitor above 12 years of age on all the working days except Thursday when the admission is free to all.

Soil-treatment against white ants was continued during the year.

Purchased 2 books for the reference library.

The work of improving display of the show-cases was continued and fourteen show-cases were completed.

Purchased on 14th August 1974, two metal casts of 'Hona; the gold coin issued by Chhatrapati Shivaji Maharaj on the occasion of Coronation Ceremony.

In order to improve documentation of the Museum exhibits, specimens of (1) Accession Register and (2) Catalogue for exhibits, (show-Cases wise) were prepared after careful study. M. C.'s approval to the same was obtained during the year.

The application for Grant-in-aid was submitted to the Central Government, however the same was not considered.

The details as regards the number of Visitors, Sale Proceeds of Admission Tickets are given below :-

Particulars	1973-74	1974-75
Total number of days when the Museum was kept open.	.. 303	300
Total number of visitors	.. 8,17,179	7,85,109
Sale proceeds of Admission Tickets	.. Rs. 21,615.65	Rs. 22,299.35
Sale proceeds of Museum Guides and Minor receipts.	.. 17.75	1.15
Fees for taking Photographs of the exhibits.	.. 75.00	30.00
Sale proceeds of scrap.	.. 106.70	—
Total expenditure.	.. 88,912.00	46,474.00

N. P. LAVEKAR,
Curator, i./c.
V. & A. Museum.

MUNICIPAL FREE READING ROOMS & LIBRARIES

There were 27 Municipal Free Reading Rooms and Libraries, including one circulating library at the beginning of the year. *One more Free Reading Room and Library was opened at Kandivali on 1-2-1975. Out of the 28 Free Reading Rooms and Libraries, 22 were under the management of the Mumbai Marathi Granthasangrahalaya as per the terms and conditions of the agreement, executed on 11-8-1971 according to the S. C. R. No. 2271 of 2-1-1971 and C. R. No. 2256 of 18-3-1971. @The Library at Lower Parel (under management of the Sangrahalaya) was closed during the year as the building is to be newly constructed. The Sobani Municipal Free Reading Room and Library was temporarily closed for two months from 5-3-1974 as the repairs work was taken in hand by the Repairs Board. Khatri Municipal Free Reading Room and Library was closed for 10 days from 22-8-1974 to 2-9-1974 as the work of repairs and white washing was carried out. 4 Trees were planted in the premises of D. J. Municipal Free Reading Room and Library.

The details of the Free Reading Rooms and Libraries

Managed by	Under Div. I	Under Div. II	Under Div. III	Total
Mumbai Marathi Grantha Sangrahalaya. ..	@17	2	3	22
Chief Librarian. ..	5	1	..	6
Total ..	22	3	3	28

The Free Reading Rooms and Libraries under the Chief Librarian remain open from 7-30 a.m. to 11-00 a. m. and from 4-00 p. m. to 7-30 p. m. on working days and kept closed to the public on Mondays and eight Public Holidays. Books are issued for home reading against the deposit as per the rules in force.

The information as regards the books purchased, number of visitors, income, expenditure etc. is given below :—

Particulars	Div. I		Div. II		Div. III	
	1973-74	1974-75	1973-74	1974-75	1973-74	1974-75
Books purchased ..	349	244	153	169	..	..
Cost of Books ..	2,464	2,192	1,184	1,556	..	..
No. of Visitors ..	79195	72063	14801	14227	..	..
Income Rs. ..	12,235	10,819	1,955	1,844	1,440	1,440
Expenditure excluding grant paid to the M. M. Grantha-Sangrahalaya. ..Rs.	84,021	88,940	12,943	17,735	3,830	2,112
Grant paid to the M. M. Grantha Sangrahalaya. ..Rs.	1,49,375	1,53,500	18,000	18,000	18,000	18,000

N. P. LAVEKAR,
Chief Librarian *ilc.*
Municipal Free Reading Rooms and Libraries.

CENTRAL STORES

Summary of Administration Report of the Central Stores for the year 1974-75

For the maintenance of the Central Stores the total expenditure of about Rs. 8,74,803.00 was incurred and the amount of Rs. 1,15,482.46 was realised by way of sale of tender forms, remittance of legal charges, forfeiture of tender deposits etc. during the year under report.

Stores valued at about Rs. 5,09,82,457.99 were purchased in addition to the opening balance of stores valued at about Rs. 1,37,15,213.36. The total value of stores issued was about Rs. 4,78,55,266.01 during the year under report. At the close of the year there is a balance stock valued at about Rs. 1,68,42,405.34. About 438 tenders and quotations were invited, about 316 contracts were awarded, about 3828 supply orders were placed, about 27765 indents from various departments were complied with and 3537 sales memos were preferred for materials supplied to Municipal Contractors against departments authorisation. Scrap and absolute articles amounting to Rs. 10,093.30 were also disposed of by sale during the year under report.

K. S. PESINA,
Controller of Stores.

CENTRAL STORES.

A broad outline of the work handled by each of the six purchase Officers during the year under report is given below :—

Serial No.	Work handled.	Purchase Section.						Total.
		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	
1	Tenders invited.	66	43	51	35	80	40	315
2	Quotations invited.	49	27	20	2	13	12	123
3	Contracts awarded.	87	38	82	27	39	43	316
4	Purchase orders placed.	810	129	784	1852	..	253	3828

The average inventory level and the average stock level in terms of months consumption were as under :—

	General Stores.	Capital Stores.	Line Suspense Account.
Average Inventory Level	.. 34,55,366.79	1,18,23,442.57	Nil
Average Stock level in terms of months consumption.	.. 3.093	4.118	Nil

During the year under report 556 notices were served on the suppliers who had defaulted either by failing to execute the contract or failing to supply the ordered materials of a satisfactory quality. In most cases the notices had the desired effect and the contractors complied with the requirements of the same. However, in 3 cases, risk & cost purchases were made and in 8 cases tender or contract deposits were wholly or partly forfeited. In addition to this, in cases where the suppliers failed to supply the materials within the stipulated delivery period without any convincing reason for this delay, penalties were recovered from their bills.

(2) Bills & Accounts :—

During the course of the year 4175 bills were received, 27765 indents were executed and 3537 sales memos for issue of materials for the contractor's works were issued.

(3) Disposal of scrap etc. :—

During the course of the year scrap and unserviceable articles valued at Rs. 10093.30 were disposed off by sale.

(4) Operational cost :—

Total expenditure of the Controller of Stores office was about Rs. 8,74,893.00 during the year under report. The major heads of expenditure were (a) Establishment Rs. 7,58,126.00 (b) Advertisement Rs. 43,259.00 (c) Printing & Stationery Rs. 24,914.00 (d) Miscellaneous expenditure including rents, taxes, services charges etc. Rs. 37,294.00 and (e) Maintenance and repairs to buildings and sheds Rs. 11,210.00.

The total revenue of Rs. 1,15,482.46 was realised by way of forfeiture of tender deposits, rentals, sale of tender forms, legal charges etc.

Statement "A" showing stores transactions and statement 'B' giving details of major categories of Stores during the year under report are appended.

K. S. PESINA,
Controller of Stores.

APPENDIX 'O'

Statement 'A' showing Stores Transactions during the year 1974-75.

Particulars	Capital Stores	General Stores	Total of Columns 2 & 3
(1)	(2)	(3)	(4)
	Rs.	Rs.	Rs.
Value of Stores as on 1st April 1974. ...	1,11,92,522.58	25,22,690.78	1,37,15,213.36
Value of stores received including transfers during the year 1974-75. ...	3,57,12,288.96	1,52,70,169.05	5,09,82,457.99
Total ...	4,69,04,811.54	1,77,92,859.81	6,46,97,671.35
Less—Value of stores issued including transfer during the year 1974-75. ...	3,44,50,448.99	1,34,04,817.02	4,78,55,265.01
Balance as on 1st April 1975 ...	1,24,54,362.55	43,88,042.79	1,68,42,405.34
Average Annual Inventory ...	1,18,23,442.57	34,51,366.79	1,52,78,809.35
Ratio of average inventory level ..	28,70,871.00	11,17,068.00	39,87,939.00
To monthly average issue ..	4.118.	3.093	3.831

K. S. PESINA,

APPENDIX "O"

Statement "B" showing the details of stock held on 31st March 1974 and 1975 at Central Stores.

Particulars	Balance on 1-4-1974		Receipt during the year 1974-75		Total		Issued during the year 1974-75		Balance on 1-4-1975		Average Inventory		Average monthly consumption		Average consumption
	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	
CAPITAL ACCOUNT															
...	9,27,111.07		1,93,48,607.47		2,02,75,718.54		1,91,85,717.13		10,90,001.41		10,08,556.24		15,98,809.76		
Pipes, Manholes, Hydrants, Water and Drainage castings, etc.	88,27,095.18		88,38,052.84		1,76,65,148.02		89,05,012.84		87,60,135.22		87,92,733.34		7,42,231.38		
Round Bars, Flats, Plates, C. I., G. I., Black Sheets, S. P. etc.	8,14,000.90		45,16,072.19		53,30,073.09		38,82,046.96		14,48,026.13		1,13,189.54		3,03,503.91		
Stoneware and Hume	3,843.65		29,117.92		32,961.57		32,158.93		802.64		2,323.15		2,679.91		
Pipes and Fittings	4,45,165.80		17,52,342.12		21,98,527.92		12,69,223.44		9,29,304.48		6,87,735.14		1,05,768.62		
Pig and Lead Wool and Lead Pipes	1,71,774.08		12,29,739.42		14,01,513.50		11,77,952.73		2,23,560.77		1,97,667.43		98,162.73		
Iron sheets, Pipes and Fittings	2,531.90		...		2,531.90		...		2,531.90		...		...
LINE SUSPENSE ACCOUNT															
Works Castings on the line	...		...		...		...		...		...		...
GENERAL ACCOUNT															
Iron Bars and Fittings	2,63,258.62		17,210.29		2,80,468.91		1,65,673.25		1,14,795.66		1,89,027.14		13,806.10		
Parts	Nil.		Nil.		Nil.		Nil.		Nil.		Nil.		Nil.		
Nuts, Rivets, Nails, Washers and Hardwares, etc.	1,39,553.57		4,47,412.88		5,86,966.45		3,18,390.40		2,68,576.05		2,04,067.91		26,532.02		
Iron Goa, Date and Brushes	20,205.72		2,41,596.97		2,61,802.69		2,50,593.62		11,209.07		15,707.39		20,550.08		
Wires	4,708.28		2,11,646.56		2,16,354.84		1,61,409.15		54,945.69		29,827.00		13,450.76		
Accessories, bulbs, fans, Electrodes, Dry Cells, etc.	1,61,136.71		7,93,018.41		9,54,155.12		7,70,371.55		1,83,783.57		1,72,460.14		64,197.63		
and Rasps	5,510.40		12,265.31		17,775.71		5,023.91		12,751.80		9,131.11		418.66		
Castor, Coconut, Sweet, Kerosene, Grease, Lubricating	68,055.53		11,98,419.04		12,66,474.57		10,50,835.09		2,15,639.48		1,41,847.51		87,569.10		
Iron, ladders, shaft Bhendiwood, Nowghani Poles, Plywood	4,472.47		25,233.24		29,705.71		23,594.25		6,111.46		5,291.97		1,966.19		
etc.	8,33,963.74		66,71,712.33		75,05,676.07		54,13,922.96		20,91,753.11		14,62,858.43		4,50,676.46		
Painting	5,960.31		7,54,179.40		7,60,139.71		6,79,806.57		80,333.14		43,146.73		56,650.55		
Machinery Foot rules, spanners, drills, saws, Auger screws,	90,635.62		2,07,105.45		2,97,741.07		1,44,632.05		1,53,109.02		1,21,872.32		12,052.67		
and Soda	84,931.18		9,50,304.93		10,35,236.11		8,56,489.40		1,78,746.71		1,31,838.95		71,374.12		
Iron, Cane, Bamboo and Wooden	39,493.09		5,75,845.19		6,15,338.28		5,60,908.11		54,430.17		46,961.63		46,742.34		
Plastic Dustbins, Ghamellas Enamelware, Hurricane Lanterns	2,35,779.53		4,26,240.87		6,62,020.40		4,71,718.87		1,90,301.53		2,13,040.53		39,309.91		
Iron, rubber, belting canvas	1,71,272.51		4,33,871.73		6,05,144.24		3,46,473.02		2,58,671.22		2,11,704.87		27,338.25		
Iron, Brass Rods, Copper Sheets zinc sheets, etc.	1,65,327.10		99,417.98		2,64,745.08		2,16,902.41		47,842.67		1,09,851.89		18,075.20		
Iron, Hides, Chamois, Chappals, Ploungers, Boots and Other	11,788.02		3,65,686.16		3,77,474.18		3,20,314.79		57,159.39		34,473.71		26,605.49		
Iron, goods, cotton goods, yarnspun, waste cotton, packing asbestos	61,538.61		4,34,923.29		4,96,461.90		4,06,704.58		89,757.32		75,647.97		33,892.05		
Iron, Powders, Linseed Oils and Turpentine	51,423.90		6,20,870.96		6,72,294.86		5,82,302.49		89,992.37		70,608.14		48,525.20		
Iron, of sorts	18,675.45		2,50,350.07		2,69,025.52		1,57,123.88		1,11,901.64		65,288.55		13,093.66		
Iron, Miscellaneous articles (Polish, Candles, Glue, Gum, Tiles, Powras,	85,000.42		5,31,194.97		6,16,195.39		4,99,963.67		1,16,231.72		1,00,543.37		42,288.53		
Iron, Pens, Typewriters, etc.)	...		...		...		...		...		...		...
Total	1,37,15,213.36		5,09,82,457.99		6,46,97,671.35		4,78,55,266.01		1,68,42,405.34		1,52,78,809.35		39,87,939.00		

LICENCE DEPARTMENT

Summary of the Administration Report of the Licence Department.

(1) Money spent by the Corporation :

(a) Establishment charges	Rs.	3,80,222
(b) Other charges	Rs.	1,15,090

(2) Total number of licences issued during the year and amount realised therefrom under the various sections of the Bombay Municipal Corporation Act are as under :—

Section of the B. M. C. Act.	No. of licences issued			Revenue realised		
	Div. I	Div. II	Div. III	Div. I	Div. II	Div. III
313 (1) (b) (c) ..	27710	1615	571	1736476	61887	17673
313A/313B ..	14389	11359	525	1682876	513001	198088
328/328A ..	5550	1180	235	1835239	316814	55613
394, 393 ..	46574	1603	9873	2959516	1348535	770419

The results of the prosecutions launched for the offences under section 313(1), 328/328A and 394 of the B. M. C. Act during the year under report are as under :—

No. of prosecutions launched			Fines inflicted		
Div. I	Div. II	Div. III	Div. I	Div. II	Div. III
3921	1653	996	3,13,610	1,23,090	87,295

During the year under report 1660 auction sales of the articles seized by the Encroachment Removal Staff but not redeemed by the parties, were held and the amount of Rs. 12,705 was realised as against Rs. 14,167 last year.

(3) Suggestions for remedying any difficulty Nil.

(4) Any other special information:

- (a) Co-ordination scheme introduced since July 1972 was continued during the year.
- (b) Municipal Staff, on Mobile Courts of Presidency Magistrates, functioning since Feb. 1973 to try on spot and decide cases of public nuisance, was withdrawn with effect from 1st October 1974 in response to C. R. No. 485 dated 12th September 1974.

(J. H. PIMANTA)
Superintendent of Licences
(Incharge).

LICENCE DEPARTMENT

Licence Department functions in four wings viz. (1) Licence Section (2) Encroachment Section (3) Stall Board etc. projection Section and (4) Advertisement Section and deals with sections 394, 393, 313, 313A, 313B, 314, 328 and 328A of the Bombay Municipal Corporation Act.

(1) LICENCE SECTION

This section issues licences under section 394 and 393 of the Bombay Municipal Corporation Act with a view to regularise the storages of hazardous and combustible commodities, trades, steam whistles and steam trumpets on recovery of fees as per the schedule in force. Development control Rules are being applied in cases where the storages and trades came up on or after 1st April 1963 and in respect of keeping iron and/or other metal scrap on or after 1st September 1969.

Total number of licences issued during the last 3 years under section 394 and 393 of the B. M. C. Act are shown in Appendix 'A'.

For securing safety, from fire risk point of view, premises in thickly populated area were inspected through mass raid unit to locate the unauthorised storages of chemicals and hazardous goods. Similarly all W. Os. were instructed to go through their record of licences of storages/trades and find out the licences either for chemicals or other commodities or trades granted in buildings with residences required to be revoked for safety purposes of the residents and to take action for revocation of the licences which are dangerous from fire risk point of view.

(2) Encroachment Section.

This section functions with double purposes of controlling hawkers and squatters under section 313(a) 313A/313B of the B. M. C. Act and removing unauthorised hawkers on the roads and footpaths under section 314 with the help of Encroachment Removal Lorries.

The issue of framing rules and regulations for grant of hawkers' and squatters' licences is still under the consideration of Hawkers' Committee, appointed by Corporation and reconstituted vide C. R. No. 551 dated 10th September 1973. The Committee met twice during the year under report for consideration of the said and other items.

Police authorities took stern actions for completely eradicating the nuisance of hawkers from D. N. Road in 'A' Ward. The said road is kept completely free from hawkers. The said hawkers however immediately went in court of Law against the Police action and the Corporation was made a party to the said court action. The matter was pending at the close of the year.

Auction Sales.—Auction sales of non-perishable goods seized by the Encroachment Removal Staff but not redeemed by the parties were being held through Messrs. Bennett & Co. They however, terminated their contract with the Corporation with effect from 1st July 1974 and the auction sales are now being held by our ward Office staff in the presence of representative of A. O. (E).

During the Year 1974 auction sales of articles seized by Encroachment Removal Staff but not redeemed by the parties were held, out of which 32 were in respect of non-perishable goods and 1628 in respect of perishable goods. Amount of Rs. 12,706 was realised as auction sale proceeds as against Rs. 14,167 last year.

(3) S. B. etc. Projection Section.

This section deals with issue of permission for various types of projections viz. Stall Board, Weather Frame, Over Hanging Awning, show cases, cupboards, steps etc. under section 313 (1)(b)(c) of the Bombay Municipal Corporation Act.

Total number of licences issued and amount realised by way of licence fees during the year under report is given in Appendix 'C'.

(4) Advertisement Section.

This section enforces sections 328 and 328A of the B. M. C. Act and thereby regulates various types of advertisements in Greater Bombay.

Suit filed by Messrs. Cine Advertisers Association.

Suit No. 3011 of 1960 filed by Messrs. Cine Advertisers' Association was heard before learned Judge Shri S. G. Barde of City Civil Court. The Learned Judge contended that advertisement fees are taxes. The quid-proquo relation need not be maintained. The suit was, therefore, dismissed with costs.

(5) Prosecutions

During the year under report prosecutions were launched for the offences for infringement the provisions of sections 394, 328, 328A and 313(1) of the B. M. C. Act. Details thereof, along with the details of proceedings 2 years, are shown in Appendix 'E'.

(6) Co-ordinate Scheme.

Government declined to extend the sanction for appointment of non-graduate persons as Inspectors under the B. S. and E. Act 1948 for any further period beyond 30th September 1974 and requested to consider alternative viz. that the Beat Scheme should be restricted to a few selected area in the City and it should be manned by only graduate Inspectors in the remaining areas, the enforcement of the B. S. & E. Act should be separated from the exercise of other Municipal functions and the enforcement of the said Act should be entrusted exclusively to graduate Inspectors. In response to Government instructions, with effect from 1st October 1974, the non-graduate Inspectorial Staff in City wards i.e. 'A' to 'G' wards was replaced by graduate Inspectorial staff and the activities of Licence Factories and Shops & Estt. departments are now co-ordinated in City wards only and S. & E. work is excluded from Beat Scheme in the suburban and extended suburban wards i.e. in these areas, the work pertaining to S. & E. Deptt. is done only by graduates.

(7) Mobile Courts.

Mobile courts of Presidency Magistrates functioning since Feb. 73 continued conducting cases under the provision of Municipal Act till 30th September 1974. In response to the views of the Corporation expressed vide C. R. No. 485 dated the 12th September 1974, the municipal staff posted on Mobile Courts for detecting the cases of violation of the provisions of Municipal Act and for filling prosecutions against the defaulters was withdrawn with effect from 1st October 1974.

(8) Publications.

Following are the publications on the various sections under the control of the Licence Department.

- (1) A guide for Licensing of Storages and trades vis-a-vis Developments control Rules.
- (2) Policy and Procedure for advertisement permits.
- (3) Citizens questions on licences, Advertisement and Hawkers.

(9) General.

Renewal of licences under section 394, 412A and 313(i) (S. B. etc. projections) was done during the month of April 1974 as per the usual practice.

(10) Centenary Celebration.

This department celebrated Corporation Centenary Day on 4th September 1974 in Co-operation with conservancy department and M. C. A.'s department under the presidentship of Shri Ratanshi Rajda, the then Chairman of Works' Committee (City). Shri Vijay Parvatkar, the then Chairman of Standing Committee and M. C. also attended the function.

(J. H. PIMENTA)
Supdt. of Licences.
(Incharge).

APPENDIX 'A'

Statement showing the number of licences and permits issued and fees recovered in the years 1972-73 to 1974-75.

Particulars	NO. OF LICENCES AND PERMITS									AMOUNT OF FEES REALISED								
	City			Suburbs			Ex. Suburbs			City			Suburbs			Ex. Suburbs		
	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75
(1) Commodities and trades including Milk and its products (Sec. 394 & 412A) ...	43,968	41,381	46,533	16,535	17,732	16,031	8,600	9,471	9,845	27,73,720	23,55,972	23,58,271	10,39,684	11,05,180	13,47,516	6,61,764	7,14,144	7,62,519
(2) Blowing steam whistle (Sec. 393) ...	47	38	41	47	37	59	23	28	28	1,373	1,148	1,245	915	983	1,019	640	1,005	900
(3) Factory permits (Sec. 390)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	41,033	41,419	46,574	16,584	17,769	16,093	8,620	9,499	9,873	27,75,093	23,53,120	23,52,516	10,40,599	11,06,163	13,48,535	6,65,404	7,15,149	7,70,419
(4) Transfer of fees (Sec. 394 and 412A) ...	1,035	1,518	1,813	282	299	354	143	185	248	15,678	18,733	15,213	2,848	3,893	5,772	1,460	2,110	2,643
Grand Total ...	42,068	42,937	48,387	16,866	18,068	16,447	8,763	9,684	10,121	27,90,771	23,75,853	23,74,729	10,43,447	11,10,056	13,54,307	6,66,864	7,17,259	7,73,062

APPENDIX 'B'

Statement showing the number of Hawkers Licences issued and amount of fees collected during the years 1972-73 to 1974-75

Description.	Year.	No. of Licences issued.			Amount of fees collected.		
		City.	Suburbs	Extended Suburbs.	City.	Suburbs	Extended Suburbs.
(1) Squatter's fees collected in the reserved areas (under Sec. 313).	1972-73	56,033	7,322	351	11,43,268	3,49,063	96,796
	1973-74	57,332	6935	352	10,94,883	3,53,051	1,02,006
	1974-75	6,000	6,881	420	10,42,476	3,01,660	99,882
(2) Fees received from itinerant hawkers licences (under Section 313A).	1972-73	12,572	5,414	161	...	48,290	9,322
	1973-74	10,430	4,851	59	...	...	...
	1974-75	8,339	4,478	105	...	88,036	12,02
Total of Items 1 and 2	1972-73	68,605	12,736	513	11,43,268	3,96,358	1,05,718
	1973-74	67,772	11,786	451	10,94,883	3,53,051	1,02,006
	1974-75	14,389	11,359	525	10,42,476	3,89,676	1,06,084
(3) Recovery of expenses under (Section 490) for removal of Encroachments under Section 314.	1972-73	...	...	...	5,68,147	82,810	52,721
	1973-74	...	...	...	6,17,190	89,845	62,729
	1974-75	...	...	...	6,40,400	1,23,305	92,004
Final Total	1972-73	68,605	12,736	513	17,11,415	4,79,168	1,58,439
	1973-74	67,772	11,786	451	17,12,073	4,42,396	1,64,735
	1974-75	14,389	11,359	525	16,82,876	5,13,001	1,98,088

APPENDIX 'C'

Statement showing the number of Licences issued in respect of Stall Board, etc. Projections in City, Suburbs and Extended Suburbs during the year 1974-75.

Year.	No. of Licences issued.			Amount of fees collected.		
	City.	Suburbs	Extended Suburbs.	City.	Suburbs	Extended Suburbs.
				Rs.	Rs.	Rs.
	27,710	1,115	571	1,36,476	61,987	17,673

APPENDIX 'D'

Statements showing the number of permits for advertisements issued and amount of fees collected during the year 1972-73 to 1974-75 under Section 328, 328A.

Particulars	NUMBER OF ITEMS									AMOUNT OF FEES (INCLUDING COMPOSITION)								
	CITY			SUBURBS			EXTENDED SUBURBS			CITY			SUBURBS			EXTENDED SUBURBS		
	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75	1972-73	1973-74	1974-75
										Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
(1) Wall posters boards and boards ...																		
(2) Movable boards and handcars ...																		
(3) Illuminated advertisement sky-signs ...	4,076	5,327	5,550	1,236	1,432	1,180	251	216	235	14,13,874	18,43,190	18,35,239	3,11,762	2,97,009	3,16,814	52,961	61,002	55,613
(4) Non-illuminated sky-signs ...																		
(5) Wall Paintings ...																		
(6) Ground rent ...																		
Tot. I ...	4,076	5,327	5,550	1,236	1,432	1,180	251	216	235	14,13,874	18,43,190	18,35,239	3,11,762	2,97,009	3,16,814	52,961	61,002	55,613

APPENDIX—E¹

Statement showing the number of prosecutions launched during the years 1972-73 to 1974-75.

Year	Offence under Section	No. of cases remaining undischarged			Total No. of cases instituted			No. of cases withdrawn on compliance of law			No. of cases which resulted in conviction			Amount of fines inflicted			No. of cases which are resulted in acquittal			No. of cases remaining undischarged at the close of the year		
		City	Suburbs	Extended Suburbs	City	Suburbs	Extended Suburbs	City	Suburbs	Extended Suburbs	City	Suburbs	Extended Suburbs	Rs. P.	Rs. P.	Rs. P.	City	Suburbs	Extended Suburbs	City	Suburbs	Extended Suburbs
1972-73	394	2,230	1,189	816	1,345	1,191	357	628	256	19	1,004	398	133	1,47,295	80,360	30,650	24	...	69	19,19	1,726	1,012
1973-74	...	1,919	1,726	1012	2,127	1241	535	820	518	221	1,126	413	214	1,58,175	1,07,355	40,030	21	1	...	2,79	2,035	1112
1974-75	...	2,079	2,035	1,112	2,291	1,431	970	705	585	224	1,466	625	422	2,98,170	1,21,210	87,210	34	64	...	2,163	2,192	1,436
1972-73	... 328 & 326AJ	857	687	114	1,322	111	14	432	48	5	484	28	...	6,645	510	105	...	...	...	1,263	722	117
1973-74	...	123	722	117	2,711	66	60	1019	48	7	1091	32	19	11,820	575	160	5	...	...	1895	708	151
1974-75	...	1,886	708	151	1,382	219	26	1,150	25	6	1,395	92	3	10,955	1,790	85	14	...	...	709	810	168
1972-73	... 313.1)	27	38	25	192	4	...	71	...	...	135	29	1	3,675	...	5	...	...	...	15	13	13
1973-74	...	15	13	13	289	18	7	21	...	...	161	...	6	2,628	85	30	3	...	...	116	31	14
1974-75	...	116	31	14	219	3	...	28	...	...	261	1	...	4,475	50	...	...	...	...	75	33	14

SHOPS & ESTABLISHMENTS DEPARTMENT

Summary of the Administration Report of the Shops and Establishments Department for the year 1974-75.

1. Money spent by Corporation :

(a) Establishments Charges	..	Rs.	11,07,105.71
(b) Other charges	..	Rs.	26,792.56

2. Results achieved :

- (a) Total amount of Registration and renewal and miscellaneous fees received during the year is Rs. 495410.97 for City Limits (Budget 'A' Div. I), Rs. 127290.00 for Suburban Limits (Budget 'A' Div-II) and Rs. 68042.95 for Extended Suburbs (Budget 'A' Div.-III).
- (b) Total amount of fines imposed by the Courts while convicting the Accused for violating the various provisions of the Bombay Shops and Establishments Act, 1948 and Rules framed thereunder during the year is Rs. 151140.00 for City Limits, Rs. 48591.00 for Suburban Limits and Rs. 41480.00 for Extended Suburban Limits.
- (c) Total amount of Grant-in-Aid received during the year from the State Government towards the Administration of the Bombay Shops and Establishments Act, 1948 etc. is Rs. 2,19,950 for City Limits (Budget A Div.-I), Rs. 59,761 for Suburban Limits (Budget A, Div.-II) and Rs. 31,073 for Extended Suburbs. (Budget A, Div.-III).

3. Suggestions for remedying any deficiencies : .. Nil

4. Any other special information :

The Beat Scheme has been restricted to City Limits only with effect from 1-10-1974, in accordance with which, Shops and Establishments Inspectors of City Wards are now required to attend to the work of the Licence Department and Factory Department and as well as of the Shops and Establishment Department.

K. M. MERCHANT,
Ag. Chief Inspector, Shops & Establishments.

ADMINISTRATION REPORT FOR THE YEAR 1974-75

Shops and Establishments Department

This Department Administers Bombay Shops and Establishments Act, 1948, Payment of Wages Act, 1936, Minimum Wages Act, 1948 and Workmens' Compensation Act, 1923, throughout Greater Bombay.

The total number of establishments registered under section 7 of the Bombay Shops and Establishments Act, 1948, is given in Appendix 'A'.

The number of complaints pending at the close of the previous year, received and investigated during the year and pending at the end of the year is shown in Appendix 'B'.

A statement showing number of prosecutions launched, fines inflicted etc., during the preceding year and the year under report is shown in Appendix 'C'.

Financial.—The Government sanctioned a total grant-in-aid of Rs. 3,10,734 for the year 1974-75 as a part of expenditure towards administration of the Bombay Shops and Establishments Act, 1948, during the year 1973-74. Out of the above grant, a share of Rs. 2,10,955 was allocated for City (Budget 'A' Division-I), Rs. 59,761 for Suburbs (Budget 'A' Division-II) and Rs. 31,073 for Extended Suburbs (Budget 'A' Division -III). The income by way of registration etc., fees for the year 1974-75 was Rs. 495410.97 for City, Rs. 127290.00 for Suburbs and Rs. 68942.95 for Extended Suburbs. The figures of income for the previous year were Rs. 4,29,143.92 and Rs. 1,21,432.48 and Rs. 66,162.37 for City, Suburbs and Extended Suburbs respectively. The expenditure on account of the administration of the Bombay Shops and Establishments Act, 1948 and Payment of Wages Act, 1936, etc. during the year 1974-75 was Rs. 7,94,504.73 for City, Rs. 2,16,274.71 for Suburbs and Rs. 1,23,118.83 for Extended Suburbs (exclusive of Provident Fund and leave contributions and supervision charges.).

Payment of Wages Act, 1936.—The number of complaints received and disposed of during the year is shown in Appendix D. During the year under report, no claim has been filed under the Act.

Minimum Wages Act, 1948.—The total number of visits paid to the establishments covered under the Act for the enforcement of the Act during the year under report are as under :—

Category	City	Suburbs	Extended Suburbs
Shops	.. 3290	886	405
Commercial Establishments.	.. 1701	329	144
Restaurants and Eating Houses.	.. 376	177	72
Theatres.	.. 8	16	2
Total	.. 5375	1408	623

As a result of intervention of the Inspectors of this Department an amount of Rs. 649951.80 was distributed to 582 employees from City, Rs. 12045.37 for 69 employees from Suburbs and Rs. 683.35 for 8 employees from Extended Suburbs by way of increase in wages, difference, etc. The number of complaints received and disposed of during the year is shown in Appendix E. During the year under report, no court-case was filed under the Minimum Wages Act.

Workmens' Compensation Act, 1923.—During the year under report, no establishment was visited for the above purposes.

For the purposes of Bombay Shops and Establishments Act and the Minimum Wages Act, the number of Mass Raids held during the year is shown in the Appendix 'F' respectively.

General.—Renewal of Registration Certificates under the Bombay Shops and Establishment Act, 1948 was done as usual during the November and December 1974.

K. M. MERCHANT,
Ag. Chief Inspector, Shops & Establishments.

APPENDIX 'A'

Category	City	Suburbs	Extended Suburbs
Shops	70,616	30,092	12,630
Commercial Establishments	40,477	6,682	5,219
Residential Hotels	366	94	31
Restaurants and Eating Houses	5,674	2,636	1,141
Theatres etc.	88	32	16
Total	1,17,241	39,536	19,037

APPENDIX 'B'

No. of complaints	City	Suburbs	Extended Suburbs
Pending at the close of the previous year	40	15	14
Received during the year	730	216	85
Investigated during the year	759	212	84
Pending at the end of the year	11	19	15

APPENDIX 'C'

Year	Cases pending from the previous year	Cases filed	CASES DISPOSED OF					Total	Cases pending at the close of the year	Fines	Average fine per case
			Convictions	Withdrawals	Acquittals	Abated	Warned and discharged				
<i>City</i>											
1973-74...	4,001	4,177	3,387	362	46	...	...	3,795	4,383	Rs. 1,27,085	Rs. 37.52
1974-75...	4,383	5,218	4,363	13	1	...	...	4,377	5,224	1,51,140	34.65
<i>Suburbs</i>											
1973-74...	1,279	1,214	1,046	186	...	...	...	1,182	1,311	33,880	31.24
1974-75...	1,311	1,653	1,444	26	1	...	...	1,471	1,493	48,591	33.65
<i>Extended Suburbs</i>											
1973-74...	142	840	692	86	1	...	...	749	233	21,290	30.76
1974-75...	233	1,531	1,209	43	...	...	...	1,254	510	41,480	34.30

APPENDIX 'D'

Complaints	City	Suburbs	Extended Suburbs
Pending at the close of the previous year	6	2	1
Received during the year	112	22	6
Disposed of during the year	109	22	7
Pending at the end of the year	9	2	—

APPENDIX 'E'

Complaints	City	Suburbs	Extended Suburbs
Pending at the close of the previous year	4	...	...
Received during the year	90	...	1
Investigated during the year	86	...	1
Pending at the end of the year	8	...	...

APPENDIX 'F'

	City	Suburbs	Extended Suburbs
Shops and Establishments Act	451	231	129
Minimum Wages Act	—	—	...

MARKET DEPARTMENT

Summary of the Annual Administration Report of the Market Department.

Annual Administration Report of the Market Department for the year 1974-75 is summarised as below :—

A.—Markets in City

There were in all 32 Municipal Markets and 11 Private Markets in the City. Total revenue derived from these markets was Rs. 78,68,155 as against Rs. 79,33,870 in the previous year. The total expenditure incurred on establishment of these markets amount to Rs. 29,09,971 and for maintenance etc. Rs. 15,71,864.

B.—Markets in Suburbs

There were in all 25 Municipal Markets and 3 Private Markets. The total revenue derived from these markets was Rs. 9,93,399 as against Rs. 10,16,914 in the previous year. The expenditure incurred on establishment of these markets amount to Rs. 9,13,629 and for maintenance etc. Rs. 3,67,702

C.—Markets in Extended Suburbs

There were in all 10 Municipal Markets and 6 Private Markets. Total revenue derived from these markets was Rs. 5,28,002 as against Rs. 5,00,189 in the previous year. The total expenditure incurred on establishment of these markets amounted to Rs. 3,31,412 and for maintenance Rs. 1,34,429.

Results

The Markets have supplied the citizens of Bombay the articles of human food viz. Mutton, Beef, Pork, Fish, Poultry, Eggs, Vegetables and Fruits etc. of wholesome quality.

Deficiencies

More marketing facilities are to be provided in suburbs and extended suburbs in its vast area due to its faster development but this has been handicapped because of non availability of plots free from all encumbrances.

Suggestions

Growth of markets and their activities can be promoted on still better footing provided the plots are made available free from all the encumbrances and availability of construction materials do not prove to be a serious handicap.

G. GOMES
Sr. Ward Officer (Market)

Dr. BAILUR
G. M. (D. A.)

ADMINISTRATION REPORT OF MARKET DEPARTMENT.

Dr. D. M. Bailur, B. Sc., (Vet), M. R. C. V. S. (London), General Manager, Deonar Abattoir was in over all incharge of the Markets and Slaughter Houses Department during the year under report.

Shri G. Gomes, M.I.E. (India), A.M. B.E., A.M.I.E.T. (London), L.S.G.D., Dip. Royal Sanitary Institute was incharge of the Market Department.

A.—City Markets

(1) **Markets.**—There were 32 Municipal Markets in the City. The Hemant Manjekar Market started functioning during the year (after allotment of shops therein.)

There were 11 Private Markets, licenced by the Municipal Corporation of Greater Bombay and the licence fee recovered from the owners of these private markets amounted to Rs. 84,428 as against Rs. 91,191 during the previous year. The difference in the licence fee is due to some dispute pending settlement about the licence fee.

(2) **Outside Shops.**—There were 224 (215 meat and 9 fish stalls) outside meat shops in the city licenced by the Market Department, in addition to meat and fish stalls in Municipal and Private Markets for sale of Mutton, Beef, Pork, Fish. The licence fee realised from these shops was Rs. 21,775. In all 138 licences were issued to the parties for the sale of imported meat, refrigerated meat, frozen fish ham, bacon and sausages. The licence fee realised was Rs. 13,950.

(3) **Scale Shed.**—During the year under report the total fees collected at the Scale Shed, Mahatma Jyotiba Phule Market amounted to Rs. 16,37,892 as against Rs. 15,79,700 during the previous year.

(4) **Fish Season.**—During the year under report the total quantity of fish brought to the market was 40,635 metric tons as against 52,460 metric tons during the previous year.

(5) **Cold Storage Facilities.**—The cold storage plant at M. J. P. market has gone out of order. The plant has stopped working since 13-5 1974. The Engineering Department is looking into the repairs of the plant to put into working order. Due to the closure of the plant there is a fall in the revenue.

(6) **Receipts.**—The total receipts of the markets in the City during the year amounted to Rs. 78,68,155 as against Rs. 79,33,470 during the previous year.

(7) **Stalls and Spaces in Markets.**—In all markets in the City there were 4970 regular stalls provided for sale of different commodities such as Flowers, Fruits, Vegetables, Fish, Mutton, Beef, Pork, Poultry, Eggs etc. The stalls continued to be well occupied through out the year. In addition to these regular stalls there were about 409 spaces in the Municipal Markets in the City provided for persons doing day to day business. Spaces provided for on daily payment basis also were continuously occupied through out the year.

8. All Markets including private markets were regularly supervised. The Veterinary Staff and qualified public Health (Sanitary) Inspectors carried out the work of inspection of articles of food such as Meat, Fish, Fruits, Vegetables, etc. with a view to prevent the exposure of the wholesome food articles for sale of human consumption. During the year under report 1,95,740 Kgs. of unwholesome food articles in the aggregate were destroyed.

9. **Surprise raids.**—Surprise raids to detect the smuggling and unauthorised slaughter of animals and also the import and sale of contraband meat were carried out by the staff specially appointed for this purpose. During the year 60,990 Kgs. of contraband meat was seized and destroyed. In all 6359 raids were carried out in different parts of the city and suburbs and prosecutions were instituted. The fine imposed amounted to Rs. 99,588. The amount realised by selling seized animals and skin etc. was Rs. 2,40,007 including the amount of fine recovered by way of penalty from different parties who were found importing animals into the city without requisite permits.

10. **Development.**—(I) The construction work of Babu Genu Market of phase one Dockyar Road, Mazgaon, is in progress.

(II) The foundation stone of the New Colaba Market was laid on 23-3-1975 and the construction work has started.

(III) Construction of the Masjid Bunder Market has been taken up.

(IV) Plans and estimates for a temporary market at Elphinstone Road for shifting the existing Market has been finalised and tenders have been invited for the construction work.

(V) Plans for Development of the following markets plots are under preparation.

(a) Market at Dhaku Prabu Wadi, Ghodpeo.

(b) Market at Parel Village.

(c) Development of permanent market at Elphinstone Road.

(d) Provision of Vegetable and Non Vegetarian Sections on the open plots on either side of the existing Hemant Manjekar Market, Raoli Camp.

(e) Development of Market at Matunga Labour Camp, Dharavi.

(f) Market at Plot No. 539 T P. S. III at Mohamed Mia Chotani Road, Mahim.

11. Immunisations of cattle and dogs is being done by a board of Veterinary Staff appointed for the purpose. During the year under review 156 dogs and 35381 milch cattles were immunised. The work of immunisation was carried out at 10 Centres.

The curative and prevention treatment to animals is also continued at the Khar Veterinary Dispensary.

APPENDIX 'A'

Statement showing the receipts under different terms during the year 1974-75 and previous year.

Serial No.		1973-74	1974-75
		Rs.	Rs.
1	Stallages	34,42,743	33,44,895
2	Squatter fees	21,82,194	21,53,527
3	Licence fee collected from stalls and shops in Municipal Markets ..	16,959	17,341
4	Licence fee from private market owner	91,101	84,428
5	Licence fees from firms dealing in foreign fish and imported meats		
	Ham, Bacon and Sausages	12,374	13,950
6	Licence fee from Outside beef shops	21,450	21,775
7	Licence fees from butcher in private markets	5,508	5,237
8	Licence fee from brokers in different Municipal Markets	2,10,349	2,03,831
9	Scale Shed at Mahatma Jyotiba Phule Market	1579,700	16,37,892
10	Nokarnama fees	5,014	4,710
11	Cold Storage fees	13,217	2,679
12	Law Charges	10	15
13	Ground rent	1,57,062	2,33,242
14	Chawl Rent	1,15,982	52,128
15	Miscellaneous	80,117	92,105
	Grand Total ..	79,33,870	78,68,155

B.—Markets in Western and Eastern Suburbs

(1) **Markets.**—There were in all 25 Municipal Markets and three private Markets in Eastern and Western subs. in 1974-75.

(2) **Out-side shops.**—There were in all 301 outside shops licensed by the Corporation. Besides licences were issued to 127 shops for the sale of fresh fish, frozen fish, frozen pork, and pork products. The licence fee realised was Rs. 54,419.61.

(3) The unwholesome articles of Food such as Fish, Fruts, Vegetable and Meat etc. weighing about 29,713 Kgs. were destroyed during the year.

(4) Statement showing the receipts under different terms during the year 1974-75 and previous year.

Serial No.	Particulars	1973-74	1974-75
		Rs.	Rs.
1	Stallage charges	5,22,239	4,69,436.38
2	Squatter fees	4,36,286	4,56,624.46
3	Misc. Receipts	9,104	6,825.95
4	Licence fees	44,120	54,419.61
5	Rent	1,101	499.50
6	Veternary Deptt. fees	4,064	5,593.00
	Total ..	10,16,914	9,93,398.85

(5) **Development.**—The following markets have been constructed and ready for occupation

(a) Vile Parle New Market (East), Vallabhbai Patel Road.

(b) Chembur Naka Market.

C.—Markets in Western and Eastern Extended Suburbs.

1. **Markets.**—There were in all 10 Municipal Markets and 6 Private Markets in Western and Eastern extended Subs. in 1974-75.

2. **Outside-Shops.**—There were in all 109 out side shops licensed by the Corporation. Beside licences were issued to 19 shops for the sale of fresh fish, frozen fish, forzen pork and pork products. The licence fee realised was Rs. 16,524.60.

3. The unwholesome articles of food such as fish, fruits, Vegetable and meat etc. weighing about 5464 Kgs. were destroyed during the year 1974-75.

4. Statement showing the receipts under different terms during the year 1974-75 and previous year.

Serial No.	Particulars.	1973-74		1974-75	
		E. & W. S.		E. & W. S.	
		Rs.	Rs.	Rs.	Rs.
1	Stallage charges	2,56,987	2,72,730		
2	Squatter fees	2,17,153	2,31,721		
3	Misc. Receipts	3,290	3,169		
4	Licence fees	16,086	16,524		
5	Rent	3,673	3,856		
	Grant Total ..	5,00,189	5,28,000		

5. Development.—Market on Plot No. 36, Mulund, West has been constructed and ready for occupation.

MUNICIPAL PRINTING PRESS

Summary of the Annual Administration Report of the Municipal Printing Press.

The Annual Administration Report of the Municipal Printing Press for the year 1974-75 is summarised as follows :-

I.—Expenditure—

(1) Establishment	.. Rs.	20,02,311.97
(2) Others	.. Rs.	49,49,099.34

II.—Results—

(1) Total number of jobs printed	..	8797
(2) Total number of stationery jobs supplied	..	1520
(3) Total number of printed pages for Corporation and its various Committees		53,455
(4) Amounts charged to Departments	.. Rs.	70,10,774.60
(5) Amount charged to Private Parties	.. Rs.	34,194.66

III.—Suggestion—

- (1) Machines were purchased long back and due to constant use in two shifts, they are required to be replaced. (Estimated life of the most of the machines is over).
- (2) Additional space, machinery and manpower are required to take up Marathi work (Agenda, Proceeding, etc.) which is at present printed by the Contractors.

Proposal for additional space has already been submitted and Budget provision has also been made for machines.

M. M. KAMAT,
Manager,
Municipal Printing Press.

MUNICIPAL PRINTING PRESS

Shri M. M. Kamat was incharge of the Press during the year 1974-75.

During the period under report 609½ Metric tons of paper was purchased from the market to meet with the requirements of the various departments.

The statement of the jobs carried out and pages printed for the Corporation and its various Committees during the period under report as compared with those in the previous year is given below :—

Description	1973-74		1974-75	
	Jobs	Pages	Jobs	Pages
Departmental Printing	8231	..	8750	..
Departmental Stationery	1496	..	1510	..
Private Parties Printing	34	..	40	..
Private Parties Stationery	4	..	10	..
B. E. S. & T. Undertaking Printing	..	..	7	..
Corporation and its Committees		35096 E		34420 E
		6634 M		6533 M
Corporation Record		8079 E		10435 E
		2026 M		2067 M
B. E. S. & T. Committee		579		..
Total	9765	52414	10317	53455

The total quantity of paper consumed during the year under report was 506½ Metric tons as against 451½ Metric tons and 485½ Metric tons in the preceding two years.

Description of Paper	1972-73		1973-74		1974-75	
	Rate per Kg.	Quantity consumed in Metric tons.	Rate per Kg.	Quantity consumed in Metric tons.	Rate per Kg.	Quantity consumed in Metric tons.
White	Rs. 3.50	338	Rs. 4.32	286½	Rs. 7.78	338½
Nepa	.. 2.33	25	2.60	27½	5.23	24½
Other Kinds	3.21	122½	4.22	138	7.46	144
		485½		451½		506½

Transaction of the Press of the year closed with working surplus of Rs. on 13,42,673 the total turnover of Rs. 70,44,969 as against surplus of Rs. 3,10,245.00 (1972-73) and surplus of Rs. 6,00,482.00 (1973-74) on turnover of Rs. 41.64 lacs and Rs. 49.03 lacs respectively for the previous two years.

The work carried out through Outside Agencies was worth Rs. 40,590.78 as against Rs. 38,026.00 for the previous year.

In addition to the Marathi Budget of 1626 pages printed since the year 1972, the Municipal Printing Press has completed the printing of the Budget Estimate 'G' comprising of 272 pages in Marathi in addition to the English in time with the existing staff and machinery resorting to over-time in the year under report.

The number of Labour Staff responding to Incentive Bonus Scheme for C. L. is 103 as against 60 for the previous year.

The labour staff as on 28th February 1975 consisted of 345 workers as against 348 workers on 28th February 1973 and 341 workers on 28th February 1974. 14 Apprentices as per Apprentices Act 1961 as on 28th February 1975 as against 21 as on 28th February 1974.

The Press is working in two shifts and the Press Labour relations were very cordial as their grievances were redressed on the spot where practicable.

M. M. KAMAT,
Manager,
Municipal Printing Press.

MUNICIPAL PRINTING PRESS

Income and Expenditure Account for the year 1974-75.

Expenditure			Income		
	Rs.	Rs.		Rs.	Rs.
Opening Balance :			Amount charged to Departments	70,10,774.60	
Materials in hand	10,82,373.31		Amount charged to Private Parties	34,194.66	70,44,969.26
Works in Progress	5,56,298.59	16,38,671.90			
Expenditure during the year :			Sale of Waste Paper etc.	30,943.84	30,948.84
Establishment	20,02,311.97		Closing Balance :		
Contingencies	1,32,792.33		(1) Material in hand	21,62,265.94	
Repairs & Maintenance	37,931.07		(2) Works in Progress	7,24,908.37	28,87,174.31
Stores	45,85,290.31				
Electric Power	28,213.62				
Work through Out- side Agencies.	40,590.78				
Provident Fund	50,595.89				
Debt Charges	41,672.68				
Transport	31,241.16				
Depreciation	111.50	69,51,411.31			
Private Works :					
(1) Labour	24,407.91				
(2) Material	5,923.07	30,335.98			
Excess Income over Expenditure :					
(1) Departmental Works	13,38,814.54				
(2) Private Works	3,853.68	13,42,673.22			
		99,63,092.41			99,63,092.41

MUNICIPAL PRINTING PRESS
Balance Sheet as at 31st March 1975

LIABILITIES				ASSETS					
	Rs.	P.	Rs.	P.		Rs.	P.	Rs.	P.
CAPITAL—									
(1) Advances from Surplus Cash Balance	5,544	00			(1) Plant and Machinery purchased out of Surplus Cash Balance			5,544	00
(2) Advances from Net Premia Fund	1,68,221	12			(2) Plant & Machinery purchased out of Net Premia Fund			1,68,221	12
(3) —Do—	49,201	19			(3) —Do—			49,201	19
(4) —Do—	22,745	31			(4) —Do—			22,745	31
(5) Advances from Special Funds	1,81,685	55			(5) Do. Out of Special Fund			1,81,685	55
(6) —Do—	7,134	37			(6) —Do—			7,134	37
(7) —Do—	415	00			(7) —Do—			415	00
(8) Advances from Capital Works—Loan Funds. I.—General Supervision, Collection of Revenue, Item No. 7, Conversion of Crusher Godown at Carnac Bridge	5,06,193	65			(8) & (9) Plant and Machinery purchased out of I.—General Supervision, Collection of Revenue, Item No. 7, Conversion of Crusher Godown at Carnac Bridge			1,55,903	66
(9) —Do—	1,09,122	24			Do. Books and Dead Stock			11,640	38
(10) Advances from Plant & Machinery Depreciation Fund.	1,39,669	10			Do. Cost of Crusher Building			4,47,771	85
(11) Advances from Capital Works—Loan Funds—Plant and Machinery to be purchased out of Fire and Accident Insurance Fund	51,881	44			(10) Plant and Machinery Purchased out of Capital Works—Loan Funds P. & M. Fire & Accident Insurance Fund			51,881	44
(12) —Do—	97,107	17			(11) Plant and Machinery purchased out of Capital Works—Loan Funds P. and M. Fire and Accident Insurance Fund			97,107	17
(13) —Do—	2,49,116	21			(12) —Do—			2,49,116	21
(14) Advances from Sundries-Miscellaneous Advances	1,11,100	39			(13) Plant and Machinery purchased out of P. & M. Depreciation Fund			1,39,669	10
(15) Advances from Plant & Machinery to be purchased out of Special Fund Item No. 10	1,39,800	00			(14) Plant and Machinery purchased out of Sundries Miscellaneous Advances			1,11,100	39
(16) Advances from Plant & Machinery to be purchased from Special Fund Item No. 1	1,50,697	24			(15) Plant & Machinery purchased out. Special Fund Item No. 10			1,39,800	00
	19,89,633	98			(16) Plant and Machinery purchased out of Special Fund Item No. 1			1,50,697	24
Less Amount Repaid	13,34,351	76			Less—Depreciation upto 31-3-1975			19,89,633	98
			6,55,282	22	Work in Progress			13,34,351	76
					Stock of Paper, etc.,			7,24,978	37
					Mono Metal—Balance as per last year	255,185	04	16,12,151	36
					Do. Addition during the year				
					Do. Less written off	2,56,186	04		
					Lino Metal—Balance as per Last year	12,809	30	2,43,376	74
					Do. Additions during the year	2,32,743	72		
					Do. Less—Written off	6,747	00		
					Materials Non-Consumable—				
					Balance as per last year	2,39,490	72		
					Do. Less—Written off	69,573	64	2,27,516	18
					Books and Dead Stock—	11,974	54		
					Balance as per last year	18,909	21		
					Do. Addition during the year	17,372	74	52,200	90
					Do. Less—Written off	33,641	11		
					Do. Less—Written off	3,660	35	26,980	76
					Bills due from Departments	78,47,785	64		
					Do. Private Parties	23,733	98	78,71,519	62
Outstanding Advances as on 31-3-1975			1,07,58,693	93				1,07,58,693	93
			1,14,13,976	15				1,14,13,976	15

M. M. KAMAT,
Manager,
Municipal Printing Press.

K. E. M. HOSPITAL, PAREL, BOMBAY—12.

MEDICAL RECORD DEPARTMENT

Summary of the Annual Administration Report of K. E. M. Hospital and Seth. G. S. Medical College.

The Annual Administration Report of the K. E. M. Hospital and Seth G. S. Medical College
for the year 1974-75 is summarised as follows :—

HOSPITAL

	Rs.
I.—Expenditure—	
(A) 1. Amount Spent on In-patients	2,34,96,978
2. Amount spent on Out-patients	55,62,353
3. Total Expenditure excluding New Works	2,87,70,721
4. Expenditure on New works	23,890
(B) 1. Average Cost per In-patient per day	33.64
2. Average Cost per In-patient admission	389.91
3. Average Cost per Out-patient Attendance	7.35
4. Average Cost per Out-patient Admission	12.07
5. Cost of Nursing Establishment per Nurse per Month	364.39
II.—Results—	
(A) 1. Schedule Bed Strength	1,450
2. Daily Average In-patient in wards	1,709
3. Total number of admissions including those brought over from the previous year	59,803
4. Total number of patients discharged—	
(i) As cured	53,535
(ii) Expired	4,343
(iii) Remained in the hospital on the last day of the year	1,736
5. Average stay of In-patients	10.7
(B) 1. Total number of New Out-patients attendance	3,76,090
2. Daily average number of out patients (NEW)	1,233
3. Total number of Out-patients (New & Old)	8,35,951
4. Daily average number of Out-patients attendance (New & Old)	2,740
5. Total number of Casualty attendance (Midico-legal)	30,772
(C) 1. Total number of Operations on In-patients	28,451
2. Total number of Operations on Out-patients	67,559
(D) Confine ments :—	6,497
1. Normal	4,062
2. Abnormal	2,435
3. Neonatal & Maternal Deaths :—	
(i) Maternal Deaths	25
(ii) Neonatal Deaths & Still Births	225
(iii) Premature life born infants	151
III.—Specilised Treatments :—	
1. Artificial Kideny Department	
Total number of Dialysis	890
(i) Peritoneal Dialysis	371
(ii) Haemodialysis	519
2. I. C. C. U. Ward Total number of Admissions	1,035
Resuscitation from Cardiac Arrest	487
3. Open Heart Surgery	
4. Neruo-Surgery	
(i) Total Operations	746
(ii) Radilogical Investigations.	2,231
5. Sterilization	
Male	318
Female	1,721
IV.—Radiology :M	
1. Total X-rays taken at ;K. E. M. Hospital	62,668
At C. V. T. C.	11,600
At Orthopaedic Centre	33,673
Diagnostic Radiology	3,256
V.—Blood Bank :—	
1. Total number of blood samples collected	8,730
(i) From Voluntary Donors.	2,981
(ii) From Relative Donors.	3,527
(iii) From Professional Donors	1,573
(iv) From other Hospitals.	649
Total	8,730

VI.—School Clinic :—

(A) Total number of School Children treated :—					
(i) New	..	..	..	..	2,636
(ii) Repeated	..	..	..	..	15,878
(iii) Referred	..	..	..	..	1,452
(B) Total Expenditure of Clinic	..	..	..	..	83,009.77

VII.—Physio Therapy :—

(A) Total number of the attendance at the Centre—Out-patients	..	..	..	..	6,503
(B) 1. Total number of Students admitted in School during the year	..	..	..	..	40
2. Total number of Students in the School	..	..	..	..	72
3. Students graduated during the year	..	..	..	..	31

VIII.—Occupational Therapy :—

(A) 1. Total number of patients treated at the centre	..	..	..	..	9,365
2. Total number of treatment given	..	..	..	..	1,03,377
(B) 1. Total number of Students admitted in the School during the year	..	..	..	..	40
2. Total number of students in the school	..	..	..	..	70
3. Students graduated during April & October 1972	..	..	..	..	34

IX.—Deficiencies :—

1. Over crowding of patients in the wards, as against 1,450 Schedule Beds, the daily average In-patients in the Wards was 1,709. The overcrowding is particularly in Medical & Surgical Female Wards, Children Wards and Orthopaedic Wards.
2. Overcrowding of Visitors in the Wards, Difficult to exercise control.
3. Heavy rush in the O. P. D. on an average 2,740 patients attend the Hospital daily.
4. Acute shortage of trained Nurses, resulted because of the number of resignations every now and then, by the qualified Nurses.
5. Shortage of Medical Staff, particular in F.T. Cadre & areas like Radiology, Pathology & Anaesthesiology.

X.—Suggestions :—

1. Decentralization of Registry :—
Registration Section has been decentralised in almost all the Out-patient Departments. This system is found to be working very satisfactorily.
2. An Intensive Respiratory Care Unit is also being proposed.

SETH G. S. MEDICAL COLLEGE, PAREL, BOMBAY-12.**COLLEGE****I.—(A) Total Expenditure including expenditure :—**

1. On Hostels	..	..	..	..	46,21,732
2. Revenue from Tution fees, Hostel Rent and Miscellaneous Receipts	..	..	..	..	2,86,666
3. Revenue from Post-graduate fees	..	..	..	..	78,765
(B) 1. Income from Hostels	..	..	..	..	50,385
2. Expenditure on Hostels	..	..	..	..	1,04,750
(C) 1. Gross Cost per Student	..	..	..	..	2,736.36
2. Net Cost per student	..	..	..	..	2,490.12

II.—Students on the roll classwise :—

(A) 1. Total Students admitted	171
2. Number of Students in the diffserent classes	
		Male	Female	Total	
(i) 1st M. B. B. S.	..	122	49	171	
(ii) 1st M. B. B. S. Casuals	..	24	4	28	
(iii) 2nd M. B. B. S. (1st, 2nd & 3rd term)	..	240	68	308	
(iv) 3rd M. B. B. S. (1st, 2nd & 3rd term)	..	134	40	174	
(v) 3rd M. B. B. S. casuals	..	23	4	27	
(vi) Interns	..	105	49	154	
(vii) B.Sc. (Physiotherapy)	..	16	65	81	
(viii) B. Sc. (Occupational Therapy)	..	8	68	76	
(ix) Condensed M. B. B. S.	..	8	1	9	
Total No. of undergraduates students	..	680	348	1,028	
Total No. of Post-graduate students including researchstudents	..	432	229	661	
GRAND TOTAL		1,112	577	1,689	

(B) 1. Average age of Students :-

(i) At the time of admission.						18 years.
(ii) At the time of S. S. C.	..	..	..	..	..	16 years.

2. Marital Status at the time of Admissions

(i) Married	..	..	..	..	..	Nil.
(ii) Single	..	..	..	..	..	171

3. Occupation of Parents or Guardians :-

(i) -Service	..	..	..	..	..	54.71%
(ii) -Medical Profession	..	..	..	..	..	13.53%
(iii) -Legal Profession	..	..	..	..	..	5.30%
(iv) -Engineering	..	..	..	..	..	1.20%
(v) -Miscellaneous Occupation	..	..	..	..	..	25.26%

C. K. DESHPANDE, M.D.
Dean,
K. E. M. Hospital,
&
SETH G. S. MEDICAL COLLEGE.

K. E. M. HOSPITAL & SETH G. S. MEDICAL COLLEGE**(Seth G. S. Medical College)**

These institutions completed 50 years having been started in the year 1925. As the formal inauguration was held on 22nd January 1976, it was decided to spread over the Golden Jubilee Celebrations for the entire period of 1 year from 22-1-1975 to 22-1-1976.

The inaugural ceremony was held on 22nd and 23rd January 1975. Dr. J. B. Shrivastav, an alumni of this college who is now the Director General of Health Services, Government of India inaugurated the ceremony.

Municipal Commissioner, Shri M. W. Desai unveiled the protrait of Dr. Jivraj N. Mehta who was the first Dean and one of the dynamic personalities associated with these institutions since their inception. He and the other two founder members of staff, Dr. V. R. Khanolkar & Dr. M. D. Gilder were honoured by Gosumec Alumni Association with specially prepared scrolls.

A Corner stone to commemorate the donation and contributions by way of service of the illustrious father and son Dr. G. T. Mody and Dr. G. D. Mody was laid by Shri Amarnath Patil, Chairman, Health Committee on 23-1-1975.

The Committee had secured substantial donation for the official organisation like Research Society, etc.,

A unit for Research in Medical Education was also inaugurated on the occasion to mark the innovation efforts of the staff in education and research.

WHO continued its spport to the Clinical Research Centre and a course was conducted for gynaecologists and paediatricinas from all over the country in the use of Laparoscope, a latest instrument used in gynaecology.

Our institution received the award for outstanding performance in family planning.

The Post-partum Programme was successfully conducted and the Government of India has expressed full satisfaction about the progress with Dr. C. K. Deshpande as its Director.

A new Institute named the E. C. I. Institute of Elactro physiology for Fundamental & Applied Research was Inaugurated in November 1974.

Dean

Dr. C. K. Deshpande, M. D., held the post of Dean throughout the year.

Asstt. Dean

Dr. K. K. Gulati, B. Sc. (Hon), M. B. B. S., D. A. C. P. S., D.A., C.L.H., D.P.H., F.R.I. P. H. H., held the post of Asstt. Dean upto 2-6-1974.

Dr. (Smt.) S. R. Satoskar, M. B. B. S. assumed he charge of the post of Asstt. Dean from 1-10-74.

Ward Officer

Dr. K. K. Soman, M. B. B. S., D. P. H., D. I. H., held the post of the Ward Officer from 11-1-1974.

Mr. C. V. Bhatt, B.Sc., L. L.B., S.I.E., Dip., held the post of ward Officer upto 20th October 74.

Professorial Staff

Dr. (Smt.) K. C. Gupta has been promoted as Associate Professor of Pharmacology.

Dr. A. B. Varde has been promoted as Ag. Assistant professor of Pharmacology from 20 June 74.

Dr. (Smt.) S. S. Joglekar has bee promoted as Asst professor of Physiology from 1-7-1974.

Dr. (Smt.) A. V. Mehta has been promoted as Asstt. Professor of Pathology from 12th November 1974.

Dr. D. G. Bhojraj has been promoted as Asstt. Professor of Pathology from 10th February 1975. at L. T. M. G. College, Sion, Bombay.

Dr. (Smt.) Sheela Bhatia has been promoted as Asstt. Prof. Of Physiology from 15th October 1974 at T. N. Medical College.

Educational Programme

171 Students were admitted to M.B.B.S. course during the year under report. Five Overseas candidates were nominated by the Govt. of India to the reserved seats and 44 students were admitted from scheduled caste / scheduled tribes and nomadic Tribes and other backward classes.

The number of undergraduate students on roll at the close of the year was 871, out of which 215 were female students. The number of post-graduate students including reserve students were 661, out of which 229 were fema'e students.

There were 1,532 students on roll, out of which 65 were overseas students.

In addition to undergraduates teaching, post-graduate courses were conducted for M.D., M.S., D.O.M.S., D.A., D.V.D., M.S. (Biochemistry), M.Sc. (Animal Physiology), M.Sc. (Microbiology) & D.M.L.T.

Research Activities

A number of Research projects were undertaken in the College & Hospital under the auspices of Indian Council of Medical Research, National Institutes of Health, U.S.A. The K.E.M. Hospital & Seth G. S. Medical College Research Society & through the help of some Pharmaceutical firms, Social Rahabilitations Service Project (V.R.A. Project) & World Health Organization.

Hostels

There are three Hostels attached to the Seth G. S. Medical College. Male students Hostel in the College Premises has 148 rooms. Ladies Students Hostel has 36 rooms, and Male students Hostel situated at Naigaum has 56 rooms. All the rooms were fully occupied during the year 1974-75. Amenities like T. V. etc., provided at the students hostels.

K. E. M. HOSPITAL & SETH G. S. MEDICAL COLLEGE

Research Society

The K.E.M. Hospital & Seth G. S. Medical College Research Society continued to do good progress during the year 1974. The Society sanctioned for various research scheme grants totalling Rs. 39,650 for 1973-74 and Rs. 1,23,560 for 1974-75 (October-September year). The Cell in Molecular Biology, Virology and Genetics has been established and is making good progress. Various sub-committees were formed in pursuance of the Constitution of the Society to carry out and supervise different activities. Dr. R. J. Vakil Institute of Cardiology and Research Centre has been established in September 1974 with a generous donation from the Vakil Family and it is occupied with modern sophisticated equipment for diagnosis and research in Cariology. The Pirozshaw Godrej Research Laboratory for Myocardiology is also attached to the Institute. Sir Andrew Haxley, Royal Society Research Professor & Nobel Laureate, University of London, delivered the 2nd Dr. P. C. Bharucha Memorial Lecture.

Library

With increasing number of both undergraduate and Post-graduate students and reserch workers it has been necessary to increase the number of books and also to increas physical facilities of reading space.

Additional budget provision was made to purchase more books and to subscribe for new periodicals. This helped both undergraduate and post-graduate students and the collage and hospital staff to keep abreast of modern development of various branches of medical science.

The total number of Journals subscribed by this collage was 275. This includas 5 new Journals added during this year.

During the year under report 621 books were added to the Library.

The following persons and institutions presented books to the Library :

Dr. (Smt.) P. E. Bharucha	..	..	..	..	28
CIBA of India	..	..	..	..	18
Hamilton Bailey Memorial Fund	..	..	..	..	9
W. H. O.	..	..	..	..	6
Dr. U. K. Sheth	..	..	..	..	1
Dr. C. V. Mehendale	..	..	..	..	1
Dr. A. F. Golwalla	..	..	..	..	1

Gymkhana Activities

1. The Volleyball and Gymnasium Department was very active during the year 1974 and revitalised the Basketball team after a lapse of eleven years. The Ladies team reached the Semifinals in the Inter-collegiate Swimming III in 4x50 metres free style realy. Volleyball and Gymnasium Department also arranged the Zone II Atheltic meet of he University of Bombay. College 0x100 metres realy team stood third in the Intercollegiate competition.

2. The Indin games, e. g. Kabbadi, Khokho were also given much needed inspiration by the Volleyball and Gymnasium department.

3. Ladies Hockey Team was Organised by the Hockey Depsrtnent and it participated in the Intercollegiate Hockey Tournament.

4. The Intermedical Cricket trophey was won by the College this year for the first time.

5. The following trophies were won by the Reading Room and Debating Department of the College.

(a) Intercollegiate Elocution Competition trophy donated by the Sydenhamits Association, Bombay.

(b) Goolches Borbes Elocution Challenge Cup of St. Xavier's College.

6. College retained the Inter-medical Chess Championship for he second year in succession.

7. Hiking Club was introduced in the Gymkhana and was very active during the year. The students are planning to go for a Trek at Trirhul in Himalayas.

8. College Week Celebration of the Goldern Jubilee year were held for 11 days in the month of February 1975.

9. Annual Sports were held on 1st February 1975 when Shri Farouk Engineer, the famous test wicket-keeper was the Chief Guest.

Department Of Anatomy Seth G. S. Medical College.

The following researches were carried out in the Department during the year 1974-75.

1. Correlation of length of long bones of cadaver with height, to find the cadaveric Index.
Dr. I. M. Mehta, Dr. C. K. Parikh.
2. Temporary Sterilisation in man by intravasal contraceptive Device
(I.V.C.D.)
Dr. M. L. Kothari, Dr. D. S. Pardanani, Dr. Mahondrakar.
3. Reversible procedures following vasectomy-(Vaso-Vasal anastomosis)
Dr. D. S. Pardanani, Dr. M. L. Kothari.

Department Of Preventive And Social Medicine Internship Programme

Administration : Dr. D.N. Pai is In-charge of the administration of Inter ship Programme for Seth G. S. Medical College, assisted by Dr. K. P. Kolhatkar.

2.1 Public Health Internship : has two components Urban Internship and Rural Internship.

Urban Internship : Slum Welfare Project : Deonar, Malvani, Haines Road, Worli, Kamgar Krida Kendra Dadar, 2nd October Colony-Sewree, and R.R. M.N.S. Six slum medicas centres.

Medical Check-up : 74246

2.2 : Mobile Slums : 38 various slum areas all over Bombay are covered by 4 Mobile Van 2 attached to Seth G.S. Medical College, 1 to Dr. R. N. Cooper Hospital, Juhu and 1 to Bhabha Hospital Bandra for medical care, immunization, family planning etc.

Mobile vans programme from May 1974 to October 1975.

Health Education	Family Planning	Immunization	Patient days of treatment	Referrals
67040	3459	11587	228308	5332

2.3 Community Programme : 223 Municipal Schools are covered for Medical check-up and immunization. Various Health drives are arranged at Slums, Stations etc.

School Report : Medical check up	No. of students	..	51077
Immunization :	T. A. B.	..	836
	Small-pox	..	616
	D. T. 1st	..	121
	2nd	..	52

Health Drives :	Medical Check-up	..	212
	T. A. B. C.	..	263
	Small Pox	..	666

2.4 : Family Planning Hospital : Peripheral Maternity Homes : Three Municipal Maternities. 1. Subusiddiq M. Home, Prabhadevi, (2) Naiguam M. Home, Naiguam, (3) Mahim M. Home, Mahim for Interns training.

2.5 Rural Health Internship : Interns are placed at Karjat, Khopoli, Mangaon & Poyanad at Colaba District and Pahur and Varangaon at Jalgaon District, Ranala at Dhulia District and Vani at Nasik District, Primary Health Centres for training in Community Health in rural environment.

III : 3.1 Dr. D.N. Pai is assisted by Smt. Shah and Shri Shinde in the conduction of National Social Scheme of University of Bombay.

3.2 Medical Social Service Department is administered by department of preventive and social medicine, Dr. D. N. Pai is assisted by Smt. Shah in looking after problems of medical social work at these institutions.

3.3 Dr. D. N. Pai is associated with W. H. O. Clinical Research Centre as an Expert in epidemiological investigations.

IV : Family Health Clinic and Family Health Centre Under Five Clinic are run to give full medical check-up to patients Laboratory investigations. (blood, urine, stools, sputums semen) are regularly being done. Dr. D. N. Pai, Dr. M. P. Vidwans Dr. (Smt.) Nanda.

V : Research : 1. Acceptance & effectiveness of long acting hormones for F.P. Dr. D.N. Pai.

2. Acceptance Return of Ovation-Dr. D. N. Pai.

3. Acceptance & effectiveness of newer intrauterine contraceptive devices-Dr. D. N. Pai.

4. Socio-psychological study and rehabilitation of all burns cases admitted in Ward VIII during the year 1973- Dr. V.R. Bhalerao, Dr. V.P. Desai.

5. Late foetal growth based on weight head circumference and length of birth and in relation to maternal factors-Dr. S. F. Irani, Dr. V. P. Desai.

6. Completed study of prevalence of Vitamin & deficiency among slum dwelling children of Bombay-Dr. E. E. Daniel.

Department Of Pharmacology

The post of Professor & Head of the Dept. of Pharmacology, held by Prof. U. K. Sheth was redesignated as that of Prof. Director of Pharmacology from 4th October 1974. A post of Associate Prof. of Pharmacology (Clinical Pharmacology) was created from 20th June 1974. This is probably the first post of its kind created by a teaching Medical college in India. This keeps in line with the growth and development of clinical pharmacology as a discipline what itself had its beginning in the country at this department. Dr. (Mrs.) Kusum C. Gupta, M. D. D. Cl. Ph. who held the post of Asstt. Prof. of Pharmacology at this department was appointed in this post.

Dr. A.B.-Varde, M. D. has been appointed as Asstt. Prof. of Pharmacology since 20th June 1974
Dr. (Mrs.) Jayanti Alladi, M. D. resigned from 9th August 1974.

Teaching and Training Programme :

Besides undergraduate teaching to medical students, the department has continued to train post-graduates in pharmacology, Applied Biology, and Clinical Pharmacology. During this year the number of candidates registered for various degrees are as follows :—

M. D. (Pharmacology)	..	..	..	..	4
Ph. D. (Pharmacology)	..	..	..	..	4
Diploma in Clinical Pharmacology	..	..	..	..	2
M. Sc. (Applied Biology)	..	..	..	..	4
Ph. D. (Applied Biology)	..	..	..	..	1
M. Sc. (Biochemistry)	..	..	..	..	2

Dr. (Mrs.) Nilima A. Kshirsagar (Nee Nilima Bapat) and Dr. (Mrs.) Jayanti Alladi obtained M. D. in Pharmacology from Bombay University.

A total of 33 seminars, and group discussions were held for postgraduates during this period.

Research Work

Laboratory Projects :

- A total of 299 compounds were screened for biological activity, 20 compounds were screened for secondary and further screening.
- A number of clonidine analogies have been studied for comparing with Clonidine and some have shown interesting activities.

c) Other Projects :

- Investigation in the use of propylene glycol as a phlogistic agent as compared to carrageenin.
- Studies of biogenic amines in disorders of central nervous system.
- Pharmacological investigations of Drug (Compound GS-73-239).
- Biochemical correlates of cardiac hypertrophy.
- Pharmacological studies of P. N-(3,4-Methyldioxy) pheny benzoic acid.
- Pharmacological investigations on moniamine oxidase inhibitors in anaphylactic reaction.
- Pharmacology of N-dipropylaminoacetyl amphetamine.
- Anticonvulsant activity of propane 1, 2-DIOL.
- Anti-tremorine activity of propane 1,2-DIOL.
- The effect of Piracetam (UCB-6215) on retention of acquired CAR after MES treatment.

Clinical Projects (Completed and continuing) :

The following projects were carried out :

- Evaluation of RH-8 as antiarthritic and antinflammatory drug.
 - RH-8 in rheumatoid arthritis.
 - Open study with RH-8 in episiotomy cases.
 - Double blind RH-8 studies in episiotomy cases.
- Centbucridine as local anesthetic.
- Centazolone in anxiety neurosis.
- Comparison of two oral iron preparations for efficacy and bioavailability.
- Fasigyn in Amebiasis.
- Absorption and tolerance studies with Ferrous Glycinate.
- Studies with bioavailability of Mendalamine two different formulations.
- Bioavailability studies with two brands of Tetracycline.
- Studies with GO-3315 .. A major tranquilliser.
- BP-400 E .. Anti tussive studies in volunteers.
- Phase I studies with DU-2250 .. An anti depressant drug.
- GO-8345 A .. Phase I Studies.
- GO-7996 Phase I Studies.
- Mistabron .. Phase I studies with a mucolytic agent.
- GO-9333 .. Phase I and II studies.
- DU(22599) .. Phase I and II studies.
- Sintamil steady state level.
- Entamizole in amebiasis.
- Brufen as an antipyretic in children.
- Clonidine and clonidine with Hydrochlorthiazide in essential hypertension.

Drug Surveillance Project :

A comprehensive total drug surveillance project has been carried out and completed on Indoor patients, under 3 units including males, females and childrens patients. 800 cases have been recorded and the study is being analysed. The observations were recorded daily and transferred on punch card recording system and the results are being analysed using computer methods. The project received aid from World Health Organisation (\$2,000), towards part of its financial commitments.

WHO/CRC/Project :

As a part of WHO project the department continued to collaborate with the department of Gynaecology, department of preventive and social medicine and I. C. M. R. component of the unit. The studies are directed towards metabolic and haematological effects of oral contraception. The unit received as part of the grant Aminco-Bowman Spectrophotofluorometer with recorder.

Seminars and conferences attended by the staff members and election to academic societies etc. :

Prof./ Director U. K. Sheth :

Elected President, Indian Pharmacological Society for 1975.

Elected member, provisional sub-committee on 'Clinical Pharmacology' of International Union of Pharmacologists. Chairman I. C. M. R. Workgroup Committee on 'Clinical Pharmacology I

Was invited by WHO to attend IV th Endocrinology International Conference held at Mexico City from 2-7 September 1974.

Was invited participate and present a paper on 'Geographical Diseases on Drug Evaluation' at the 3rd Deer Lodge Conference held from 22-26 September, 1974, by the Montana State University Missoula, Montana, U. S. A.

Visited Various Universities for seminars in U. S. A., Belgium, U. K. and Sweden.

Was invited to present a paper on 'Mechanism of anthelmintic Action' at the Haffkine Institute Platinum Jubilee-scientific session on 'Ankylostomiasis', 8-10 February, 1974, and preside over one of the sessions.

Was invited to present a paper on 'Beta Blockers' at 'Intensive training programme in Cardiology' organised by the Bombay branch of Cardiology Society.

Attended the 26th International Congress of Physiological Sciences, New Delhi, October 1974.

Prof. S. M. Karandikar :

Invited at Tata Memorial Hospital to deliver a lecture on 'Chemotherapy of Malignancy-Pharmacological Perspective' in All India Programme of 'Continuing Education in Oncology', January 1974.

Invited at 'Intensive training programme in Cardiology' organized by the Bombay branch of Cardiology Society, India to talk on problems of Drug Interaction in Acute Myocardial Infarction March 1974.

Attended All India Annual Conference of Society of Nuclear Medicine, India at Bombay, October 1974. Attended Satellite Symposium of XXVI International Physiological Congress on 'Endocrinology and Phermones' at Trivendrum, October 1974.

Attended Haffkine Institute Platinum Jubilee- Scientific Programme All India Seminar on 'Tetanus', August 1974. Presented paper at the Scientific sessions on the occasion of Golden Jubilee of the Institute on 'Adverse Drug Reactions Monitoring Analysis of 150 cases', March 1974.

Seminar at Christian Medical College, Vellore on 'Adverse Drug Reaction'.

Seminar at Government medical college, Madras on 'Renal Elimination Kinetics and Dosage Regimes.'

Dr. S. R. Amladi : Associate Prof. of Pharmacology, was elected a member of the Executive Committee of the Bombay Natural History Society.

Dr. (Mrs.) V. N. Dadkar : Assistant Prof. of Pharmacology. Attended the 26th International Congress of Physiological Science, New Delhi, October 1974.

The following teaching staff and research members of this department attended the 7th Annual Conference of Indian Pharmacological Society held at Ahmedabad, 26-29 December, 1974.

1. Prof./Director Dr. U. K. Sheth, 2. Prof. S. M. Karndikar, 3. Dr. S. R. Amladi, 4. Dr. (Mrs.) K. C. Gupta, 5. Dr. (Mrs.) T. Paul. 6. Dr. (Miss.) Meena L. Dave. 7. Dr. P. Soman, 8. Dr. P. Ramkrishnan, 9. Dr. (Miss) Kala Mogre. 10. Mr. K. K. Vora, 11. Mrs. C. M. Prasad, 12. Mr. N. K. Desai, 13. Miss. Sushama Manikeri, 14. Mrs, Nishignadha Desai, 16. Miss Sulekha P. Valame.

Papers read at the 7th Annual Conference of Indian Pharmacological Society' Ahmedabad

1. A New liver perfusion system developed in India.
2. Human Pharmacology of a new antihypertensive compound.
3. Study on the hyperglycemic effect of metalozone.
4. Anti-inflammatory drugs and accelerated ESR.
5. Anticonvulsant activity of propane 1, 2-DIOL (PG).
6. Anti-tremorine activity of propane 1, 2-DIOL (PG).
7. The effect of piracetam (UCB-6215) on shock induced CAR loss in rats.
8. Pharmacological investigations on mucuna pruriens.
9. Diethyl carbamazine & anaphylaxis.
10. Anti-inflammatory activity of ethacrynic acid.
11. Studies of biogenic amines in developing brain.
12. Studies of biogenic amines in stress.
13. Studies on 4 amino-antipyrine space in dogs.
14. Bioavailability studies on two types of mandelamine tablets.
15. Probable site of action of the male antifertility agent.
16. Riboflavin tetrabutryrate as a substitute for ribo-flavin in treatment of riboflavin deficiency

Papers published in 1974 :—

1. Study of Epicillin in treatment of pneumonias.
2. Oral Salbutamol in obstructive airway diseases.
3. Parenteral hydroxypropyl theophylline with corticosteroid in obstructive airway disease.
4. Antipyrine half-life in cirrhosis of liver.
5. Clinical evaluation of cephalixin in urinary tract-infection.
6. Liver function tests in rats effects of prolonged administration of some drugs used clinically.
7. Effect of food ingestion on certain clinically important biochemical investigations.
8. MAO inhibitors and Anaphylaxis.
9. Bites and Stings.
10. Nilgiri Woodpigeon (Columba Elphistoni)-an addition to the avifauna of Salsette.
11. Danaid butterflies attracted to Heliotropium indicum L (Boraginaceas)-an alkaloid containing plant.
12. Chemotherapy of Malignancy.
13. Role of mono-amines in Pentylene Tetrazol induced seizures in mice.

Financial Support received by this department :

	Rs.
1. From college budget ..	23,000
2. From Council of Scientific & Industrial Research, New Delhi. ..	1,52,500
3. From various pharmaceutical industries (Ciba, Unichem, Duphar Interfran, Boots Pure Drug Co., Ltd. and others) through K. E. M. Hospital Research Society. ..	3,50,000
4. From W. H. O./C. R. C. Unit ..	14,818
5. From W. H. O.-Adverse Drug reaction recording project:	\$ 2,000
Total (Rs. 5,25,500)	
\$ 46,818	

APPENDIX - I

The following tests have been carried out in the year 1974 in the Biochemical Pharmacology Laboratory.

	Total
A) Liver Function Tests :	
1. Serum glutamic Oxaloacetic transaminase	1,016
2. Serum glutamic pyruvic transaminase	1,016
3. Serum Bilirubin (Total)	929
4. Serum Bilirubin (direct)	929
5. Serum Alkaline Phosphatase	845
6. Serum Pseudocholesterase	839
7. Serum Protein (total)	735
8. Serum Protein (Electrophoretic pattern)	722
9. B. S. P. dye clearance	22
B) Renal Function tests :	
1. Serum electrolytes	654
2. Urine electrolytes	2,020
3. Blood Urea	680
4. Plasma creatinine	89
5. Uric acid	522
6. P-Aminohuppruic Acid	72
7. Inulin	72
(C) Miscellaneous Tests :	
1. Blood sugar	653
2. Serum Cholesterol	615
3. R. A. Tests.	45
4. Serum Magnesium	10
5. Adenosine triphosphate	64
(D) Drug levels studies :	
1. Plasma levels of Isoniazide	37
2. Plasma Levels of Lasix	52
3. Mandelamine	90
(E) Lipid Tests :	
1. Free fatty acids in serum	69
2. Total lipids in serum	69
3. Lipoproteins in serum	48
4. Triglycerides in serum	74
5. Free cholesterol	36
6. Esterified Cholesterol	35
7. Total cholesterol	71
(F) Blood-Coagulation factors :	
1. Prothrombin time	145
2. Partial Thromboplastin Time	87
3. Platelet count	15
4. Platelet aggregation	15
5. Thrombin Time	15
6. Plasma Fibrinogen	15
G) New Techniques set up :	
1. Phenylbutazone levels in blood	
2. Glutathione levels in serum	
3. Succinicdehydrogenase in serum	
H) Bacteriological work :	
1. Urine cultures and colony count	89
2. Sputum cultures	117
3. Acid fast staining	100
4. Routine gram staining for sputa	113
5. Culture for Ascitic fluid	6
6. Culture for throat swags	3
7. Culture for Miscellaneous swabs	12
8. Culture for abscess	14
9. Antibiotic sensitivities	260
10. Tetracycline blood levels	52
I) Haematological techniques :	
1. Complete Haemogram	1,274
2. E. S. R.	1,125
3. Platelets	580
4. Total eosinophil count	206
5. Malarial parasite	1
6. Bleeding time	99
7. Clotting time	99
8. L. E. Cells	1
9. Puncture fluids	7
10. Urine cell excretion	32
11. Retic count	36
J) Stool	1,467
K) Ova counts	9
L) Sigmoidoscopy	44
M) Urine samples	1,499

DEPARTMENT OF BIOCHEMISTRY AND NUTRITION

1st M. B. B. S. :

During this period, 160 students in 1st M. B. B.S. (Jr.) & 170 students (Sr.) class each worked in this department. The arrangements of taking the practicals in small batches made last year proved beneficial to both students and teachers and students and better contact with teachers.

In April 1974 : 15 Students appeared for University Examination and 13 students passed.

In October 1974 : 155 Students appeared for University Examination and 130 students passed.

M. Sc. (By Papers) :

This year 12 students were admitted in M. Sc. (Part I class) in June 1974. In May 1974 P.G. Students appeared and passed the University Examination as follows :—

M. Sc. Part I Appeared—11
Passed—All
(First class : Second Class 9, Pass Class-2.)

M.Sc. Part—II Appeared-9.
Passed—All
(First Class-2, Second Class-6, & Pass class-1.)

M.Sc. (By Research) :

This year two students completed their M.Sc. by Research under Prof. K. G. Tanksala and six students under Dr. A. B. Potnis and were awarded the degree by University of Bombay.

Further development of the Dept. Research: and other activities :

In order to bring the department in the time of the well developed Biochemistry Depts. of other medical institutes (Like all India Institute of Medical Sciences) and to keep pace with the research work in the clinical Biochemistry, it is necessary to have more facilities in the department, for which it is necessary to purchase more instruments & biochemicals, developed animal house and to encourage staff member to do research. In view of the fact that the cost of instruments & chemicals have almost doubled, more funds will be necessary.

DEPARTMENT OF MEDICINE

The Department of Medicine consists of two full-time teaching Units with the following sections under the Director-Professor of Medicine.

(1) Cardiology, (2) Gastro-enterology, (3) Haematology, (4) Diabetes, (5) Tetanus, (6) Neurology (7) Radio-isotope, (8) Nephrology, (9) Cardiac catheterization, (10) Endocrinology, (11) Chest, (12) A newly founded clinic 'Arthritis and sports Medicine.'

ANAESTHESIOLOGY

The department extended its services to 22 Tables. The department functioned as Service Department. The number of anaesthetics administered in the operation theatres has been on the increase, as can be seen by the number of operations done in various operation theatres. It also continued to look after the resuscitation and a number of diagnostic procedure needing anaesthesia services. This year the department has extended its services to one more operation table each in Neuro-surgery, Cardiac, Orthopaedic and Obstetric Operations. theatre. With the commissioning of Main Operation Theatre and availability of senior staff, it will be possible to start for Anaesthesia services at Bhabha Hospital, Bandra and R. N. Cooper Hospital, Juhu. The department continues its active participation in Rural Health Services and Post-partum and family planning programme at Karjat and Mangaon.

Academic activities continued. Scientific papers were presented at the Anaesthetists and Surgeon's Conference. Teaching programme on resuscitation was undertaken for Residents during the year. A new Paediatric ventilator and modified the vaporiser have been devised by a senior member of the Department.

Teaching Programme for D. A. & M. D. students continued. No students appeared for M. D. But the result of D.A. Examination were 100% both at April & October Examinations. University has recognised one more teacher for D. A. & 3 more have been extended recognition for M. D. Course.

ARTIST SECTION (Pathology).

1. Photographs of patients	826
2. X-rays	621
3. Nurses	234
4. Microphotographs	227
5. Graphs, Charts, Diagrams, Drawings	1,017
6. Slides of X-rays, specimen, Graphs Microphotographs, patients, Nurses	
unctions photos.	2,985
7. Miscellaneous	473

DEPARTMENT OF SURGERY

- (1) Clinical cases Photographs
- (2) X-rays reproductions
- (3) Micro Photographs
- (4) Specimen Photographs
- (5) Slides 35 mm of Microphoto, X-ray Specimen, drawing charts, etc.
- (6) Graphs & lettering charts
- (7) Operations Photos (coloured)
- (8) Enlargements or Publications
- (9) Book Reproduction for slides for Teaching us
- (10) Miscellaneous

DEPARTMENT OF PHYSIOLOGY

During the year under report, 170 new students were admitted to the 1st M. B. B. S. Class in the June 1974. Regular classes of the undergraduate students were started from 1st July. As soon as a topic was completed the students had to go through progress card tests in the subject matter of the topic, before different members of the staff. Credits were given for these card tests. A certain percentage of marks in terminal and preliminary examination was reserved for such card tests. Occasional tests in Theory and practicals were held to assess the students for the sessional marks to be sent the University, to be added to their University results in the 1st M. B. B. S. Examination. Students were divided in batches of 20 for the purpose of elective work. Each batch was guided by one full time teacher in Physiology of Biochemistry.

The teaching in the subjects of Physiology, Anatomy and Biochemistry were integrated as far as possible so that all the three departments were tackling the same topic simultaneously.

Separate classes were held for D. O. M. S., Occupational and Physiotherapy and for the Nurses in addition to the regular classes for the undergraduates. Instructions and guidance was given to the postgraduate students in physiology for their M. D. (Human Physiology) and M. Sc. (Animal Physiology) Courses. Special classes were also held for the under-graduates as per time table the University.

The department took lectures in applied Physiology on 'Sex Chromatin' in the Journal of physiology & Pharmacology in January-March 1974, by Dr. Paintal and Minina.

The full time members of the teaching staff were allowed to attend the 26th International Congress Conference in physiology and pharmacology and New Delhi, during October 1974. The lectures, Seminars and papers at the Conference were of a high level and were beneficial to the teaching staff in improving the methods of teaching and research.

KING EDWARD VII MEMORIAL HOSPITAL

MEDICAL RECORD DEPARTMENT

IN-PATIENT DIVISION

Accommodation of patients and their particulars

The number of schedule bed strength during the year was 1,450. As usual there was constant overcrowding in the hospital particularly in the Children Wards and Medical and Surgical Wards for female.

During the year 1974 the average number of In-patient in the hospital was 1709 as against 1698 and 1971 during the year 1973 and 1972 respectively. Even after strict scrutiny for routine admissions in order to control overcrowding, the total number of patients admitted for hospitalization during the year under report was 58,067 as against 56,317 and 60,930 respectively during the two preceding years. The average stay of In-patients was 10.7 days during the years under report as against 11.00 and 11.3 days in the 1973 and 1972. The increasing demand for hospital beds thus continued.

Results of Treatment Indoor Patients :

Out of the total number of 59,614 patients including 1547 brought over from the previous year 53,535 relieved as cured, and 4343 died (excluding 376 still borns and Neonatal death). At the end of the year 1,736 patients were in the hospital under treatment.

Deaths Classified :

Out of 4343 deaths, 125 died within 24 hours of admission, 804 after 24 hours but within 72 hours of admission and the rest 2690 deaths took place after three days from the date of admission. The figures are exclusive of 376 still Borns and Neonatal Deaths. Death rate was 12.3 as against 13.6 during the last year.

Total number of autopsies performed during the year under report was 2,202 as against 1,815 and 1,617 for the year 1973 and 1972, respectively. Autopsy rate was 50.7 for the year 1974 as against 29.8 and 38.2 for the year 1973 and 1972 respectively.

Confinements

During the year under report the total number of confinements were 6,497 and 1,084 abortions.

Operations :

28,451 operations were performed on In-patients and 67,559 operations were performed on Out-patients.

Out-patient Department :

The total number of New cases issued during the year under report was 376,000 as against 3,73,502 and 3,78,013 in 1973 and 1972. The total number of Out-patients attendance (New and Old including casual cases) was 8,66,723 bringing the average total attendance 2,740 per day.

Casualty cases registered during the year were 30,772 as against 33,926 and 43,221 during the year 1973 and 1972 respectively. The highest number of patient treated on a single day was 1909 (excluding old cases) on 26th August 1974. The highest number of casualty cases treated on one day was 252 on 13th April 1974.

NEW OPD'S AND CLINICS :**New Clinics :**

The following New clinics have been started during the year under report.

- (1) Lipoma Clinic.
- (2) Dr. R. J. Vakil's institute of cardiology.

Medico-Legal Cases :

During the year under report, the Resident Medical Officers attended the following Courts for giving evidence in the Medico-Legal Cases.

(1) Metropolitan Magistrate's Court	..	..	..	..	927
(2) Session Courts	..	..	..	..	47
(3) Coroner's Court	..	..	..	..	3
(4) Motor Accident Tribunal	..	..	..	..	153
(5) Other Courts	..	..	..	..	52

During the year approximately 955 depositions were filed in the Coroner's Court.

Medical Certificates :

(1) Under Workmen's compensation Act	...	..	..	..	163
(2) Medical Opinion Certificates	..	..	..	..	7,857
(3) Injury certificate to Police in Medico-Legal cases (free)	..	..	..	..	1833
(4) Injury certificates to patients in Medico-legal cases	..	..	..	..	167
(5) Certificates for Insurance purposes	...	..	..	..	61
(6) Essentiality certificates for reimbursements of medical expenses to Governments	..	...	..	..	581
(7) Accident Insurances Certificates	..	..	..	..	75
(8) Opinion Certificates to Municipal Employees (free)	..	..	..	..	707

Medico-Social Service Department :

The Social Service Department of K. E. M. Hospital was started in September 1954. At present there are 13 Medical Social Workers on the Staff with one Lecturer in Medical Social Worker. The render series to the patients following departments in Medicine, Surgery, Gynaecology & Obstetrics, Paediatrics, Orthopaedics, Psychiatry, Diabetes department, C. V. T. C. Blood Bank, E. N. T. Ophthalmic Skin & V. D. and Preventive & Social Medicine. Along with the routine duties following activities were undertaken during the year.

Other activities :**Major Events :**

1. Introduction of a Teaching Programme for the orthopaedically handicapped children in our Wards. The Inauguration was held on 8th October 1974 sponsored by the Lions club of Chembur and attended by its President, the chief guest Mr. Wamanrao Mahadik and other dignitaries. A cheque of Rs. 720 was donated as pay to the teacher viz. Rs. 60 per month starting from August 1974 to August 1975. The teacher Smt. Shubhanki Hivale appointed for the purpose, was recommended by the Bombay City Education Committee. Donations of the educational material required for the purpose were received from the Vishwa Hindu Parishad.

2. A stall was put up to display the handicrafts made by the orthopaedically handicapped at an Exhibition on 'Rural India' organized by the Smt. Vinatadevi Tope Social Service League of the Govt. Law College, on the 13th 14th and 15th of December 1974.

3. Supervision of National Social Service volunteers of the G. S. Medical College and K. E. M. Hospital particularly the Occupational and Physiotherapy Groups, comprising of 10 to 15 students. Activities like teaching the in-patients, providing recreational pleasures for them distributing reading material, teaching crafts, etc. are being conducted. Some had participated in the major events.

4. Distribution of sweets etc. to the patients of the children's wards by collecting donations.

5. Movies arranged for the Ward patients regularly every month.

6. Educational activities :—

- (a) Supervision of the social work students from Tata Institute of Social Sciences, Nirmala Niketan.
- (b) Teaching medical students in Social aspects of illness & Health.
- (c) Miss Gopal has helped in collecting data in various researches in Psychiatry Department.
- (d) A paper in world Federation of Mental Health read by Mrs. Shah.
- (e) Had students of Social work visiting the hospital.
 - (a) From Ahmednagar College.
 - (b) From Ahmedabad Gujrat Vidyapeeth.
 - (c) From Kashi Vidyapeeth for whom presentation given.

Work done at the Social Service Department :—

	No. of patients.
Mayerial aid, medicines appliances etc.	3,684
Social History	1,615
Social Case work	425
Rehabilitation	235
Discharge	213
Child Guidance Clinic	168
Referral to other agencies for help	220
Social Research Cases	195
Total No. of Out-door bleeding sessions	37
Total No. of Out-door vol. doners	2,270
Total No. of In-door vol. doners	711
Total No. of relative doners	3,527

ORTHOPAEDIC DEPARTMENT

This department is fulfilled with separate O. P.D, Operation Theatre, Radiology Department Plaster Room and Six Wards with a capacity of 240 beds. The operation Theatre and Radiology Department are being provided with air-conditioning, Units.

The following is the work done in the department during the year under report :—

(1) Out-door attendance	20,845
(2) In-door Admissions	3,964
(3) Average In-patients per day	462
(4) Schedule Bed strength	240
(5) No. of Operations In-door	7,698
Out-door	3,803

NEURO-SURGERY DEPARTMENT

New wing for Neuro-Surgical Department has been constructed in order to provide two air-conditioned operation Theatre, one as self contained Radiological Unit and Three bedded air-conditioned Recovery Room with additional 18 beds. This is now almost ready for being fully commissioned

During the year under report 1319 New patient and 1,780 repeated patients were treated in the Out-patients Department and 779 patients inclusive of referred cases were admitted as In-patients.

Social Radiological investigations were carried out in the Department during the year under report.

The following figures will give account of Radiological and operation procedure done in the Department.

(1) Operations	1,780
(2) Radiological investigations	2,431

NEUROLOGY DEPARTMENT

During the year under report 2,062 New patients were treated at the Out-patient department and 573 patients were admitted as in-patient. 924 New cases were treated at the Epilepsy Clinic of the Department of Neurology. These figures exclude the cases referred by the other Services.

GYNAECOLOGY AND OBSTETRICS DEPARTMENT

The following is the account of work done in the obstetric department during the year under report :—

Total No. of O. P. D. attendance (New)	..	..	..	8,716
Total No. of Admissions	..	..	..	9,224
Total No. of Confinements	..	..	(1) Normal	4,062
			(2) Abnormal	2,435
			Total	6,497
Abortions	..	..	..	1,084
Total No. of Obstetric Operations	..	..	..	2,790
Neonatal & Maternal Mortality—				
Maternal	..	..	..	25
Neonatal Deaths	..	..	..	225
Still Births	..	..	..	151
Premature Life born infants	..	..	..	18
Congenital malformation	..	..	..	18

The following data gives the details of Gynaec attendance admissions and operations :—

Total No. of O. P. D. attendances	..	..	..	14,564
Total No. of admissions	..	..	..	2,980
Operations	..	..	..	1,717

Dr. N. A. Purandare Gynaec and Obstetric Research Centre.

In Dr. N. A. Purandare Gynaecological and Obstetric Research Centre cases of Gynaecological disorders of hormonal origin are being studied from the point of view of research, investigations and therapy. Oral contraceptive tablets are also being issued by the above Centre.

Special Investigations —

Fibrinogen	..	..	..	24
Urea Nitrogen/Total Nitrogen	..	..	..	45
17 — Ketosteroids	..	..	..	155
Urinary Hormones Estrogen	..	..	..	980
L. F. T.	..	..	..	140
G. T. C.	..	..	..	540

Drug Trial

110 subject with trichoniasis and moniliasis were examined for biochemical studies, such as blood sugar, N.P.N., S.G.O.T., S.G. P.T., Bilirubin, complete haemogram and urine culture before and the treatment with SN4.

Besides these special estimations, routine biochemical estimations such as blood sugar, G.T.C., N.P.N. BUN Serology, cytology etc. were carried out on subjects attending Gynaec & Obstetrics OPDs and subjects in antenatal, Post-natal and Gynaec Wards.

The number of investigations done during the year under report :—

(1) Blood Sugar	..	..	..	2,080
(2) B. U. N.	..	..	..	1,775
(3) G. T. C.	..	..	..	540
(4) Liver Function test	..	..	..	140
(5) Estrogens	..	..	..	1,140
(6) Pregnanediol	..	..	..	213
(7) 17 — Ketosteroids	..	..	..	115
(8) Fibrinogen	..	..	..	126
(9) Creatinine	..	..	..	980
(10) Culture — Urine	..	..	..	440
(11) E. B.	..	..	..	439
(12) Vag. Cytology culture	..	..	..	9,939
(13) Monilial Culture	..	..	..	2,717

Serology :

(1) Blood Group and Rh screening of patients from Ant. OPD, B.O.H. OPD and Ward Cases	..	..	..	6,656
(2) V.D.R.L. test carried out in Antenatal OPD, patients and B.O.H. and Ward patients	..	..	..	5,450
(3) Rh. Neg. confirmed & Antibody screened	..	..	..	292
(4) Immunised Rh Neg. cases with antibody titre done monthly and fortnightly	..	..	..	12
(5) Cord blood and neonatal Jaundice cases studied for Rh. and ABO incompatibility, and investigations like D.C.T. L.C.T. H.B. and serum Bilirubin were carried out	..	..	..	321
(6) Listeria serological test	..	..	..	319
(7) Foetomaternal haemorrhage studies in	..	..	..	187
(8) Amniotic fluid	..	..	..	9
(9) Vaginal cytology	..	..	..	9,939

Leucorrhoea of sterility Research Clinic:

Total number of cases studied in Leucorrhoea	2,717
(1) Monilia	559
(2) Trichomonas	152
(3) Haemolytic	150
(4) Non specific	870
(5) Combined infections	169
(6) Repeat cultures	817
Total number of cases investigated in sterility	132
Endometrium Biopsy	320
Hydrotubation	135
Total number of patients become pregnant	45

High Risk pregnancy Clinic :

(1) B. O. H.	328
(2) Rh-ve Women	124
(3) Diabetic Women	48
(4) Pre-diabetics in pregnancy	96

Apart from routine investigations, special studies are :-

UN/TN ratio	45
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Drug Trials :

(1) Methyl patrician	85
(2) Pamba	16
(3) Rh - 8	89
(4) Nidagyl	100
(5) Phenformin	48
(6) Ritodrine - double blind	34

New Trials Started :

(1) Garamycin	12
(2) Rh Gama globulin	25
(3) Du 22 599	20

Studies on fertility control - WHO/CRC**M. T. P. Studies**

(1) OPD terminations	78
(2) Progestaglandin studies	5
(3) Extra-amniotic saline	8
Psycho social studies	
Blood loss studies	
Study of septic abortion	

Oral Contraceptive Centre

(1) Conventional Contraceptives :-

Condoms : Total No. of New patients	91
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(2) Hormonal contraceptives :-

(1) Oral Pills : Total No. of new patients	424
Total No. of patients continuing at the end of year	670

(2) Subcutaneous Implants, Total No. of patient (Kong acting progestogen, started in Aug. 74)	76
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Intrauterine Devices ,

Total No. of new patients	295
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Research Studies in Endocrine OPD,

Total No. of new patients	405
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Classification of new cases :

Primary Amenorrhoea	79
Secondary Amenorrhoea	166
Irregular Periods	98
Sterility	33
Hirsutism	9
Intersex	1
Pecocious enlargement of breasts	1
Hypomenorrhoea	23
Total visits by new and old patients	2,800
Vaginal Smears	1,035
Urinary serum gonadotrophin	31
Urinary oestriol & Pregnanediol	25
Buccal smear	170
17 - Kestimations	155
Cortisone depression tests	24
Laparoscopy done	94
Treatment with clomiphine citrate	5
Treatment with Gonadotrophins	2

Publications and Conferences.

1. Laparoscopy in Primary Amenorrhoea read at Wednesday C. P. S. Seminars.
2. Primary Amenorrhoea submitted for the competition of residents best analysis.
3. Vaginal Cytology in infertility submitted for A. E. Desa's prize competition.

WHO/CRC

Laparoscopic studies :

Cytology	
Total No. of smears taken in Gynaec OPD	6540
Abnormal Cytology	110
No. of Histopathology	160
Total number of antenatal cases	288
Abnormal cytology	12
Cytology of BOH cases	146
Cytology of patients on oral pills	204
Cytology of patients on IUCD	200
Ovarian tumors	156
Histochemistry	20
Endometrium Biopsy	

M. T. P. Clinic.

Intra-amniotic hypertonic saline	39
Intra-amniotic 15 methyl PGF ₂ -(2.5 mg.)	41
(40 mg.)	34
Intra-amniotic PGF ₂ (25 mg. + 25 mg.)	33
Intramuscular 15 Methyl PGF ₂	25
Extra-amniotic 15 Methyl PGF ₂ (1 dose)	10
Extra-amniotic PGF ₂ (Multiple dose)	48
Menstrual Regulation	133
O. P. D. suction evacuation	114
Extra-amniotic hypertonic saline	51
M. T. P. follow up	282
Sterilisation follow up	208

DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE

A.—Family Health Clinic :—

Total No. of days of clinic worked	140
Total No. of cases treated during the year	685
Daily average	40

B.—Family Health Centre :—

Total No. of days the centre worked	280
Total No. of cases given full medical check-up	15,803
Daily average	56
Screening	627
Immunizations	2,400
Paediatrics patients	1,618
Medical Check-up	4,852

The following laboratory investigations were carried out in the Clinics :—

R. B. C.	..	..	..	..	..	203
H. B.	..	..	..	..	..	14,166
W. B. C. (T)	..	..	..	..	..	3,294
W. B. C. (D)	..	..	..	..	..	3,294
E. S. R.	..	..	..	..	..	820
Urine	..	..	..	..	..	-11,723
Stool	..	..	..	..	..	836
Sputum	..	..	..	..	..	38
Semen	..	..	..	..	..	383
Total						- 49,370

DEPARTMENT OF MEDICINE.

The following speciality departments come under the department of Medicine. The account of work done at these departments is given below :—

During the year 1974-75 the Department of Medicine has made giant strides. Three renal transplants were carried out towards the latter half of the year, thus fulfilling our expectations of making 1974-75 the 'Transplant Year'. In addition, the Vakil Institute of Cardiology and Research Centre was inaugurated on 28th September 1974, by Shri Ali Yavar Jung, Governor of Maharashtra. A molecular Biology Cell which is affiliated with the Department of Medicine was also initiated. The annual reports of these and other Units are given below :—

1. Department of Cardiology :—

Indoor		Total	Card. OPD			ECGs.
ICCU	Card. Ward		New	Old	Total	
1,035	487	1,522	2,172	14,672	16,844	30,713

2. I. C. C. U.

Cases admitted	..	..	..	..	..	1,035
Emergency Bedside pacing	..	..	..	..	..	118
Permanent implantation	..	..	..	..	..	3
Intracardiac E. C. G.	..	..	..	..	..	109
Oesophageal E. C. G.	..	..	..	..	..	52
Emergency Cardioversion	..	..	..	..	..	63

3. Vakil Institute of Cardiology :

Patients admitted in Vakil Institute	..	..	..	..	..	164
E. C. G.	..	..	..	..	..	184
V. C. G.	..	..	..	..	..	79
Phono	..	..	..	..	..	136
Apex	..	..	..	..	..	136
Carotid	..	..	..	..	..	35

4. Endocrine Clinic and Radioisotope Laboratory :

Endocrine Clinic : 1,231 new patients were seen and treated.

Radioisotope Laboratory :

Radioiodine Tracer tests	..	..	..	..	..	640
B. M. R. Tests	..	..	..	..	..	169
Radioiodine Therapy	..	..	..	..	..	45
Thyroid Scans	..	..	..	..	..	269
Steroid Estimations (In urine)	..	..	..	..	..	97
C. S. F. Bromide Estimations	..	..	..	..	..	34
Utrium Implantation	..	..	..	..	..	1

5. Arthritis and Immunology Clinic :—

The total number of patients attended arthritis and immunology O. P. D. from January, 1974 to December, 1974 were 1,727. 305 patients were new cases and 1,422 patients were old cases attended this O. P. D. during the said period.

On an average 8-10 new patients and 30 old patients attended this O. P. D. every week. Each of these patients have undergone following investigation at C. V. T. C. Laboratory :—

- (1) Complete Hemogram
- (2) R. A. Test
- (3) X-rays of the joints and X-ray chest
- (4) Serum Immunoglobulins.

6. Tetanus Unit :

Number of admissions : Adults : 660
Neonatal : 96

Drug Trials conducted :

- (1) Cholinesterase restoring agents in neonatal tetanus.
- (2) Betamethazone in neonatal tetanus.
- (3) Diazepam in adult tetanus.

Research Projects :

- (1) Clinical and electromyographic study of cephalic tetanus.
- (2) Immunological screening tests for patients with tetanus.

Papers presented at conferences :

- (1) International symposium on tetanus, Bombay, January 1974.
- (2) Bombay Medical Congress, November 1974.

Publications :

- (1) Autonomic dysfunction as a problem in treatment of tetanus.
Jl. of A. P. I., June, 1974.

Department of Psychiatric :

Resident staff consisted of 4 psychiatric Registrars and one E. E. G. Registrar. There were 4 House—Physicians and 1 Clinical Assistant in Out patient department.

Para-medical staff included 2 Psychiatric Social workers, 2 Clinical Psychologists and 6 Occupational Therapists. There were 2 Technicians, Junior Technician looking after EEG machine and taking out EEF tracings and senior technician looking after polygraph machine and taking out the tracings.

Psychiatric department included 1 Sister-in-charge (trained psychiatric Nurse). 1 Staff Nurse for E. C. T. and 1 Staff Nurse for insulin Sub-coma therapy. Sister-in-Charge also looked after Psychiatric Ward. 1 Staff Nurse and 4 student Nurses were placed in psychiatric Ward by rotation. There were 6 servants (5 males and 1 female) in the Psychiatric department and 8 servants in the Psychiatric Ward working by rotation. 1 Student Nurse and 3 servants looked after Psychiatric out-patient department.

Activities ,

Activities in the department were in 3 fields—

- (a) Service to the patients, (b) Teaching, and (c) Research.

The therapy was given under the two headings—(a) Organic therapy and (b) Psychotherapy. Under Organic therapy came Electroconvulsive therapy and Insulin sub-coma therapy. 7,406 ECTS were given in 1973. 988 Insulines sub-coma treatments were given. Psychotherapy included individual psychotherapy, group psychotherapy, family therapy and social case work. Group psychotherapy was given to Diabetic patients, patients with pain in abdomen, female patients with neurosis and alcoholics. Sex education therapy was given to patients with sex anxiety. Carbon-di-oxide Abreaction therapy was given to 1561 neurotic patients. Groups were held orienting parents with mentally retarded children and epileptic children. Child guidance clinic was held four times a week in the afternoon and a team consisting of Honorary Assistant Psychiatrist, Registrar, House-physician, Social Worker and Psychologist conducted the clinic. 119 children attended Child Guidance Clinic in 1973.

2 Psychiatric Social Workers collected social data of 470 Indoor patients and 316 out-door patients. Social case work was carried out on 83 patients. Social Worker's other jobs consisted of conducting family therapy, orienting parents with mentally retarded children and epileptic children and to guide mentally retarded children to the suitable institutions. They helped in rehabilitation of psychiatric patients.

Occupational therapists looked after Indoor as well as out-door patients in occupational therapy department. 1370 patients (Indoor and outdoor) had 10805 visits to the Occupational therapy department. Occupational therapists gave work therapy, play therapy and attended child Guidance Clinic.

391 Electroencephalographic tracings were recorded in 1973. Polygraph machine arrived in later half of 1973, and then one more technician was appointed.

Teaching :

Those who received training in psychiatry are undergraduate medical students, postgraduate medical students, psychiatric social workers, clinical psychologists and undergraduate students for occupational therapy and physiotherapy and nurses. (Details of training *v/z.* hours). Undergraduate students received lectures, demonstrations and clinics. Postgraduate students had their conferences twice a week. 3 students qualified for D. P. M. (College of Physicians and Surgeons of Bombay), and 4 students qualified for M. D. in Psychiatry of University of Bombay.

Research :

Various research projects were going on simultaneously clinical studies and drug trials. Following papers were published in 1973 from the department.

1. Depression : A study of demographic factors in 233 cases by Dr. V. N. Bagadia et al, in Indian Journal of Psychiatry.
2. Depression : Family and Psychodynamic study of 233 cases. By Dr. V. N. Bagadia et al in Indian Journal of Psychiatry.
3. Depression : A clinical study of 233 cases. By Dr. V.N. Bagadia et al in Indian Journal of Psychiatry.
4. A Psycho-social study of 180 cases of Epilepsy. By Dr. V. N. Bagadia et al in Indian Journal of Psychiatry.
5. A comparative study of Doxepin and placebo in Depression. By Dr. D. V. Jeste et al, in Indian Journal of Medical Sciences.
6. Further experience with the therapy based upon concepts of Patanjali in the treatment of psychiatric disorders. By Dr. N. S. Vahia, et al in Indian Journal of Psychiatry.
7. A deconditioning therapy based upon concepts of Patanjali. By Dr. N. S. Vahia et al, in the International Journal of Social Psychiatry.
8. Psychophysiologic Therapy Based on the concepts of Patanjali. By Dr. N. S. Vahia et al in the American Journal of Psychotherapy.
9. Gilles De la Tourette's disease—A case report. By Dr. D. V. Jeste et al, in Indian Journal of Paediatrics.

Miscellaneous :—

Four clinical meeting of Bombay Psychiatric Society in Psychiatric department in 1973. The department hosted the 5th Annual Conference of Indian Psychiatric Society West Zone, on 28-29 September, 1973. Various dignitaries from here and abroad visited the department.

8. E. E. G. Department :

E E Gs done	708
E M Gs done	73

A. K. D.

The renal unit and its artificial kidney division has shouldered a very heavy burden and continued to make tremendous strides in the year under consideration. The varied activities of the unit has offered facilities for investigations and management of patients of renal disorders and renal failure in particular. The renal clinic which is run by appointment on Thursday afternoons saw 847 cases during the year which included 240 new cases and the other old cases being followed up. Besides this 390 patients were referred as emergency problems for consideration for dialysis by various units in the hospital and from outside to include patients from the city of Bombay state of Maharashtra and Gujarat. A total of 890 dialysis were performed during this year which included 519 haemodialysis and 371 peritoneal dialysis. The unit offered intensive care management to 87 patients of Acute Renal Failure and intoxication with ingestion of barbiturates mandra.

The year saw the unit progress towards Live Doner Renal Transplantation. A total of 3 transplants have been done so far. The longest survival has been 10 months and this patient has been fully rehabilitated.

The teaching programme for nurses and technicians has continued twice a year as usual.

10. Biochemistry Section :

(a) Routine Blood Chemistry :	
Blood collections, BUN, Creatinine, Proteins EPP, Urin Acid, Cholesterol, Bilirubin (T/D) Enzymes GPT, Alk. Phosphatase) Sugar, Calcium, Phosphorous, Sodium Potassium Chlorides, Urine chemistry Co2 content	67,593
(b) Routine Haematological investigations : (WBC/ T/D), RBC, Hb, PCV ESR Retic Count, Platelet Count—BT, CT, Iron and B12 studies	7,320
(c) Routine Urine Examination : Sp. gravity, Albumin, Sargar, Microscopic and spectroscopic examination	1,92
(d) Routine Stools	1,450
(e) Special Studies :	
PH gas analysis and acid load test	6,900
Blood volume studies	28
Blood and Urine barbiturates	135
Osmolarity (Blood and Uric)	125
Blood Ammonia	118
Creatinine clearance	380
Methemoglobin	75
Xylose Amylase	95
B. S. P. Clearance with hepatic blood flows	250
Gastric analysis	236
Heparin protamine titrations	180
Sucrose tests	18

86,828

11. G. I. Clinic :

New patients	..	..	..	..	..	472
Old patients..	..	..	..	..	..	1898

Investigations :

Haemogram..	..	..	..	..	..	536
Stool Exam. routine	..	..	..	..	..	624
Urine exam. routine	..	..	..	..	..	488
Gastric analysis	..	..	..	..	..	236
Faecal fat ..	..	..	..	..	..	79
Urinary D'Xylose	..	..	..	..	..	51
Urinary CO/58 B/12	..	..	..	..	..	57

Serum iron & Iron binding :

capacity ..	..	..	..	..	..	28
Serum amylase	..	..	..	..	..	28

12. Molecular Biology Cell :

The Molecular Biology cell was inaugurated in July, 1974. During the year under report, two students viz. Miss Mangari Rele and Miss Vijaya Mahale got M. Sc. in Microbiology by thesis under Mrs. Leela Joshi, Assistant Professor. Two more students have recently submitted their thesis for M. Sc. in Microbiology. Five lectures and practicals were arranged in September, 1974 for University students for M. D. in Microbiology, Mrs. Leela Joshi received the First Prize from the Maratha Chamber of Commerce in Poona for her invention of Auto Slide stainer. The research is going on in the following topics .

1. Genetics :

Transformation is proved using Streptomycin marker in case of Salmonella paratyphi A. Now this work is continued using different markets. Studies on drug resistance and episomal factors in case of Salmonella paratyphi A were carried out and they are continued.

2. Tuberculosis :**2. Leukemia :**

Seventy five cases of patients suffering from leukemia were investigated. Bacterial and mycotic infections were studied and the analysis of the different types of infections is done. This work is continued.

3. Tuberculosis :

Mainly a typical cases were studied and drug resistance in case of different antibiotics was investigated.

4. Tissue culture :

Hela, VERO and Human amnion cell lines are maintained and experiments to determine the pathogenic effect of S. paratyphi A is carried out.

5. Urinary Infections :

About 100 cases of urinary infections were studied for various organisms and their resistance to different antibiotics.

PUBLICATIONS :

1. Conjugation studies in Salmonella paratyphi A. M. N. Akhjar, Dr. Leela Joshi and Dr. C. K. Deshpande (accepted for publication).
2. Drug resistance and study of resistance transfer factor in salmonella paratyphi A. Vijaya Mahale and Dr. Leela Joshi (accepted for publication).
3. Drug resistance of Salmonella paratyphi A in relation to its phase types. Manjari Rele and Dr. Leela Joshi (accepted for publication).
4. Pathogenicity of Salmonella paratyphi A in relation to its antigens. Manjari Rele, Dr. Leela Joshi and Dr. C. K. Deshpande (accepted for publication)

The journal Club of Molecular Biology was inaugurated in July, 1974 when Professor Director Dr. K. G. Nair gave the inaugural lecture and after that following speakers have given seminars :

- (1) Prof. Dr. M. L. Kothari--G. S. Medical College, Bombay August 1974.
- (2) Dr. Diamond, N. I. H. Bethesda, U. S. A. November 1974.
- (3) Dr. O. Siddiqui. T. I. F. R. Bombay November 1974.
- (4) Dr. Gisela Mosig, Nashville, U. S. A. December 1974.

13. Diabetic Clinic :

New patients treated	..	..	..	..	..	971
Old patients seen and treated	..	..	..	..	..	20,169

Diabetic Clinic Laboratory :

Blood Sugars	..	..	..	..	..	13,731
Urine sugars	..	..	..	..	..	5,511
Routine urines	..	..	..	..	..	268
Hemoglobin..	..	..	..	..	..	327
W. B. C. count	..	..	..	..	..	312
E. S. R.	..	..	..	..	..	325
Serum Triglyceride	..	..	..	..	..	145
Serum Lipoproteins	..	..	..	..	..	100
Serum Cholesterol	..	..	..	..	..	304
Blood Urea	..	..	..	..	..	165
Serum creatinine	..	..	..	..	..	149
Serum proteins...	..	..	..	..	..	266
Creatinine clearance	..	..	..	..	..	6

PAEDIATRICS (MEDICAL) DEPARTMENT :**Care of sick Children :**

No. of In-patients	..	..	..	..	..	4245
No. of Out-patients	..	..	..	..	..	23,632

Comprehensive Care of Well Children :

No. of New borns	..	..	..	..	..
Under Fives Clinic, Naigaon	..	..	..	..	..	1049
Prabhadevi	..	..	..	..	..
School Health Clinic	..	..	..	..	..	18,656
Under Fives Clinic F South	..	..	..	..	..

No. of passes in Postgrade. Examination :

D. C. H.	..	..	..	..	..	6/13
M. D.	..	..	..	..	..	11/23

Educational Activities :

- (1) Continuing school education in Ward for admitted children.
- (2) Classes for Mothers in Family Planning, Nutrition, Prevention of Diseases, Sewing, Social Sciences, Literacy, Film shows, etc. for Mothers of admitted children at Naigaum and Prabhadevi.

Most Common Problems :

Encountered still remain malnutrition & both of which are essentially preventable. This emphasises need for more education of parents.

Increased Diagnostic Facilities :

Ultramicro technics have been instituted in Paediatric Biochemistry.

Student Teaching Programms :

Include :

- (1) Care of sick children
- (2) Care of well and sick newborns
- (3) Comprehensive care for under Fives and School Children
- (4) Preventive and Social Paediatrics
- (5) Management of Physically and Mentally Handicapped children.
- (6) Integrated teaching seminars/Conferences for
 - (a) Neonatology with Department of Obstetrics.
 - (b) with Department of Preventive & Social Medicine
 - (c) with Department of Pathology.

Plans for Future :

So far, only the basic care for well children is being given. It is hoped to expand this with clinical genetics and immunology, so that carefully considered scientific care can be given to improving the facilities and at the same time to promote teaching and research. As the birth rate falls, it will become essential to provide better care so that the child may live happily and usefully.

SCHOOL CLINIC DEPARTMENT.

Municipal School Clinic worked in five Departments, viz. Medical, Ophthalmic, Aural, Skin and Dental where the children from various Municipal Schools are medically examined 2,636 New children and 15,878 old children were treated in the School Clinic Department in addition to 1,452 referred cases making a total 18,656.

Common complaints were malnutrition, anaemia, respiratory infections including T. B. glands in the neck including T. B. etc.

The total expenditure incurred on school clinic Department K. E. M. Hospital amounted to Rs. 83,009.77 during the year under report.

DEPARTMENT OF SURGERY :

FULL TIME DEPARTMENT OF SURGERY

Classified list of operations performed in the Cardio-Vascular and Thoracic Surgery Theatre during the year 1974.

Open Heart Operations :—

Mitral Valve Replacement	19
Aortic Valve Replacement with Homografts	3
Aortic Valve Replacement with Sattr Edwards Valves	13
Aortic and Mitral (Double) Valve Replacements	3
Closure of A. S. D.	24
Closure of V. S. D.	8
Closure of A. S. D. with Mitral Commissurotomy	5
Total Correction of Fallot's Tetralogy	8
Pulmonary Valvotomy	4
Resection and Reconstruction of Aortic Arch Aneurysme	5
Mitral Commissurotomy (under vision)	1
Rastellis's Operation for Trunks	1
Excision of Myxoma	1

Other closed operations :—

Mitral Commissurotomy	212
Mitral Re-commissurotomy	1
B. T. Shunt	12
Ligation of P. D. A.	23
Co-aretation of Aorta	2
Excision of Mediastinal Tumour	3
Implantation of Cardiac Pace-maker	7
Rib Resection	1
Ectopia Cardia	1
Thorocotomy	11
Pericardiectomy	2
Pneumonectomy	6
Lobectomy	14
Excision of Lung cyst.	5
Nephrectomy	3
Renal Transplants	3
Bone Marrow Transplant	1
Service Dorsal Sympetectomy	2
Lumber Sympathtectomy	8
Amputation	1
Various Peripheral Vascular Operations	56
Embolectomy	15
Vericose Vein Stripping	1
A. V. Fistula	1
Intercostal Drainage	1
Scalene Nobe Biopsy	5
Lung Biopsy	6
Pericardial Biopay	1
Pleural Biopay	1
Pleural Tapping	18
Pericardial Tapping	1
Bronchoscopy	47
Oesophagoscopy	1
Cystoacopy	1
Sinus Exploration	36
Secondary Suturing	35

638

C.V.T.C. LABORATORY (HISTOPATHOLOGY)

Work load of histology laboratory 1974—

Total number of slides prepared	8200
Total number of cytology slides prepared	1056
Total	9256

C. V. T. C. LABORATORY (BIOCHEMICAL)**Work load done from 1-1-1974 to 31-12-1974—**

Bleeding Time	..	..	..	..	..	790
Clothing Time	..	..	..	..	..	803
Prothrombine Time	..	..	..	..	..	1973
Phosphorous	..	..	..	..	..	40
Calcium	..	..	..	..	..	49
Alkaline	..	..	..	..	..	223
Amalyse	..	..	..	..	..	25
Electro-phoretic pattern	..	..	..	..	..	61
Electrolyte	..	..	..	..	..	4796
Blood Urea Nitrogen	..	..	..	..	..	4706
Blood Sugar	..	..	..	..	..	5538
Creatinine	..	..	..	..	..	437
Urine Sugar	..	..	..	..	..	584
Liver Function Test	..	..	..	..	..	1767
Cholesterol	..	..	..	..	..	1649
Triglycerides	..	..	..	..	..	1531
Heamogram	..	..	..	..	..	8040
Urine	..	..	..	..	..	4547
Stool	..	..	..	..	..	3160
Sputum	..	..	..	..	..	2415
Serum Glutamic Oxalacetic Transaminase	..	..	..	..	..	2643
Serum Glutamic Pyruvic Transaminase	..	..	..	..	..	2643
Acid	..	..	..	..	..	38
						<hr/>
					Grand Total	48458

TUMOUR CLINIC

This department started functioning on 18-1-1974 with following activities on schedule of the clinic.

- (1) Maintenance of Tumour Registry.
- (2) Follow up of Tumour cases treated in Hospital.
- (3) Planning treatment of Tumour patients and
- (4) Management of advanced Tumour cases.

During the year of its inception, following are the achievements of the Tumour Clinic.

- (1) The tumour registry of malignant diseases is being maintained for the entire hospital. The information is gathered from the pathology department and the in-door case records. Those patients, who are seen in the O. P. D. and referred to other hospitals are not included in the registry.
- (2) The postoperative follow up is done mainly for surgical cases; since the other departments do individual followup of the patients.
- (3) Planning the treatment of patients is again, for surgical patients belonging to general surgery. This is done only for problem-cases, since, routine treatment for patients is planned by the individual surgeon.
- (4) The patients are referred from all the departments of Hospital, when the conventional treatment has failed. A number of patients are treated with chemotherapy and a considerable help is given by Cancer Patients Aid Society. There are no facilities for radiotherapy in the Hospital. So the patients needing radiotherapy are sent elsewhere.
- (5) About 250 patients were looked after by Tumour Clinic in 1974.

DEPARTMENT OF ANDROLOGY

Apart from treating over a 1,000 outdoor patients and performing over 250 operations during this year, this department carried out following additional activities. A MALE REPRODUCTIVE PHYSIOLOGY RESEARCH LAB was established where specialized investigations are carried out. Dr. Rune Eliasson, President, Comite International de Andrologia, Stockholm, was invited as ou. guest. He delivered a lecture and addressed a seminar on male reproduction. A number of research projects are under progress concerning control of male fertility. During the year, four articles were published in the various international journals including an abstract in the year Book of Urology.

One of the staff members was appointed on the Editorial Board of ANDROLOGIA, a journal published from Berlin/Chicago.

UROLOGY DEPARTMENT

Apart from treating approximately 2,000 patients in the outpatients department and performing over 500 operations, following other activities were carried out during the year 1974. Clinical renal transplantation was performed in 3 cases. This was an activity of great significance in this field. Members of the staff attended scientific conferences and a scientific paper was published in the British Journal of Urology. A number of major operation procedures including those requiring diversion of urine in paraplegic patients were carried out. In addition, the department actively participated in the management of patients with chronic renal failure.

DEPARTMENT OF NEURO SURGERY

The department of Neurosurgery in 1974 was handicapped, by the absence of Dr. H. M. Dastur in the earlier part of the year, and in the later part of the year even Dr. Pandya was absent. Despite their absence, an attempt has been made to run the department as smoothly as possible.

During this period 3000 O. P. D. patients were treated and 779 inpatients. The total number of major operations done were 424, as against the 280 in 1973. Minor operations done were 322. The number of radiological investigations carried out was 2231.

The department published 10 papers in important journals.

Dr. Anil Desai was awarded the Dr. Jacob Chandy Oration at Vellore in 1974, and also chaired one session of the 3rd International Congress on Muscular disorders in England.

Dr. S. K. Pandya was awarded a Commonwealth Fellowship to England.

The department obtained a T. V. and image intensifier for the neuroradiological department.

EAR, NOSE AND THROAT DEPARTMENT

(1) Total O. P. D. Attendance	22,999
(2) Total Indoor admissions	2,711
(3) Total Number of operations	3,624
(4) Any Special Problems Studied :—	
1. Scleroma.	
2. Multiple Paillooma.	
3. Functional Laryngeal Microsurgery.	
4. Tympanic neurectomy.	
5. Detailed investigation and treatment of cases of vertigo.	
6. Emphasis on cadaveric surgery for postgraduate training.	

ACHIEVEMENTS OF THE DEPARTMENT OF OTOLARYNGOLOGY IN THE YEAR 1974,

The year 1974 started off with a bang with Dr. S. R. Rege being elected as the President of the Association of Otolaryngologists of India at Manipal.

Dr. M. V. Kirtane then brought in laurels by winning the :—

- (a) Kasanji Ranchhodji Desai Prize and
- (b) Dr. S. G. Joshi Memorial Prize.

For his dissertations on Stapedectomy and Electronystagmography respectively.

He was also awarded the Ethicon Travel Fellowship.

Transnasal hypophysectomies are being performed more frequently.

Post Graduate Teaching Sessions and Journal Review Clubs are held, every week and are attended by Resident doctors and post-graduates in E. N. T. from almost all hospitals in Bombay.

Clinical meetings and Death Conferences are held twice a month in which both Units, E. N. T. Anaesthesiologists, Nursing Staff of E. N. T. and other specialists participate.

Various members of the department have taken active part in Diagnostic and Operative Camps at Amravati, Nasik, Panvel, Uran, Sholarpur, Ratnagiri, etc. all round the year.

Dr. P. P. Karnik and Dr. K. L. Shah went to U. S. A. on a study tour for 2 months to observe latest developments in otology.

DEPARTMENT OF DERMATOLOGY AND VENEROLOGY

During the year under report 19,241 New cases inclusive of referred cases from other sections and 20,681 old cases were treated in the Out-patient department and 294 cases inclusive of referred cases from other sections were admitted for the treatment. Department has a well equipped Laboratory wherein number of investigations were carried for diagnosis of cases as well as for research purposes, as detailed below :—

(1) Urethral smear, prostatic smear, T. G. T., C. S. and V. S. ..	552
(2) Blood count	107
(3) Urine examination	47
4 (4) Skin Biopsy	353
(5) Allergy patch testing	156

LEPROSY CLINIC.

A leprosy clinic is attached to the Department of Dermatology and Venerology which is conducted by Greater Bombay Leprosy control Scheme and the patients suspected to be suffering from Leprosy are examined at this Clinic. The following is the account of work done at this clinic.

New Patients	..	..	..	..	..	777
Repeat patients	..	..	..	..	..	2,139
New A. L. H. Patients	..	..	..	..	..	20

Analysis of New patients :—

	Tuberculoid	Intermediate	Lepromatous	Total
Male	398	28	79	505
Female	158	12	24	194
M/C	43	3	4	50
F/c	26	1	1	28
Total	625	44	108	777

Analysis of 2139 Old cases :—

	Tuberculoid	Intermediate	Lepromatous	Total
Male	1,141	76	155	1,372
Female	549	18	19	586
M/c	108	7	1	116
F/c	65	..	..	65
Total	1,863	101	175	2,139

Total attendance	..	..	..	..	7,980
Total working days	..	..	..	..	149
Average attendance	..	..	..	..	535
Bact. Smear done	..	..	..	..	1,440
Negative	..	..	..	..	970
Positive	..	..	..	..	470
Sweat Test	..	..	..	..	148
Concentration Test	..	..	..	..	Nil.
Negative	..	..	..	..	Nil.
Positive	..	..	..	..	Nil.

DEPARTMENT OF RADIOLOGY

The work done at the department of Radiology during the year under report is as under :—

Plain X-Ray	..	..	..	..	41,973
Cystourethrogram	..	..	..	..	269
PEGs	..	..	..	..	56
Angiography	..	..	..	..	124
Mycelograms	..	..	..	..	83
I. V. P.s	..	..	..	..	963
Hystero-salpingography	..	..	..	..	163
B. M.	..	..	..	..	1,701
B. S.	..	..	..	..	..
B. E.	..	..	..	..	16,336

K. E. M. HOSPITAL (DEPARTMENT OF DIAGNOSTIC RADIOLOGY)

Cardiac Catherezation	..	..	..	..	..	217
Angio-cardiograms	..	..	..	..	..	64
Aortograms	..	..	..	..	..	37
Arteriograms	..	..	..	..	..	20
Lymphangiograms	..	..	..	..	..	48
Venograms	..	..	..	..	..	60
Bronchograms	..	..	..	..	..	..
Spleno-portograms	..	..	..	..	..	68
Cardiac Pace maker	..	..	..	..	..	50
90 Implataion	2,483
						<u>3,256</u>

Orthopaedic Centre (Radiology Department)

Plan X-Rays	33,673
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C. V. T. C. (Radiology Department)

Plain X-Rays	11,600
I. V. P.s						

Neuro-Radiology Department

Routine X-Rays	2,431
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MEDICAL CHECK-UP CENTRE

The centre is gathering attention of the Public and as may as 40 patients were examined investigated and treated at the centre during the year under report.

PHYSIOTHERAPY CENTRE AND SCHOOL

The physiotherapy centre and School started as a Joint venture of Government of Maharashtra and the Municipal Corporation of Greater Bombay, Corporation sharing the major portion of expenditure. Now the entire cost is borne by the Corporation. Seth G. S. Medical College has been granted extension of affiliation by the University of Bombay for conducting a course leading to B.Sc Degree in Physical Therapy from June 1967.

40 Students were admitted in the month of June 1974 out of which 35 were continuing the course in the F. Y., B.Sc. (P.T.) class. A total of 32 students graduated during the year (in April 1974 and in October 1974) 72 students are at present undergoing the training.

A new institute named the E. C. I. Institute of Electrophysiology for Fundamental and Applied Research, was started in November, 1974 due to the efforts made by the faculty members of the physiotherapy School and Centre. The Institute is perhaps the first of its kind in India and will function under the directorship of Prof. Manik Shahani. The building of the Institute was constructed in record period of seven weeks. The Project was realized early due to the magnificent donation of Rs. 2 lacs by the Everest Chemical Industries and a generous grant by Municipal Corporation of Greater Bombay.

A stellite meeting on 'Motor System—Neurophysiology and Muscle Mechanism' following the XXVI International Congress of Physiological Sciences was organized by Prof. Manik Shahani in October, 1974. The meeting was attended by over 40 Scientists of International repute from all over the world. Six papers were presented by Prof. Manik Shahani at this conference.

It can be stated with pride that the department in terms of number of patients treated, specialities covered, research activities, and sophisticated equipment is perhaps one of the largest of its type in the whole World. However, urgent steps need to be taken to increase the space available as well as to augment the staff so that the highest standards so far achieved are maintained.

The following is the work carried out at the Centre during the year under report :—

					Patients referred	Treatment given
(1) Out patients & Sports clinic	..	..	..	..	6,305	86,768
(2) Special investigations at the laboratory of Electrophysiology	..			..	400	..
(3) Indoor Patients :						
(i) Orthopaedic	..	..	..	..	3,463	98,532
(ii) Other specialities	..	..	..	..	6,924	67,779
				Total	17,092	2,53,079

OCCUPATIONAL THERAPY SCHOOL AND CENTRE

The Occupational School and Centre continued satisfactorily during the year under report :—

School.—The school has been granted extension of affiliation by the University of Bombay for conducting B.Sc. Degree Course in Occupational Therapy. The University has further approved 40 new students were admitted during the year under report. 64 passed in B. Sc. (O. T.) examination held in April 1974 and October 1974. There are now 39 students in First Year and 19 & 11 students for regular and October batch of B. Sc. O. T. respectively.

Centre.—The number of patients treated at the Centre was 9,365 and 1,54,652 treatments were given. The activities of the department have grown more. 312 splints are made for the patients. Amount of Rs. 993-50 realised from the sale was credited to the poor box fund about 136 splints were given free, for the poor patients.

The total sale of articles prepared by patients as part of their treatment was Rs. 489-40 which was credited to poor box charity fund. Weaving section alone of our department this year recorded a sale of Rs. 16,199.00 of which the expenses were Rs. 12,588.24. Thus it showed net profit of Rs. 3,610.76

Another activity of mending hospital linen is started as prevocational actitiy for paraplegic patients. The Department is in great need of spce to expend further. Some staff members left their jobs for better prospects. On the whole there is constant progress in Departmental activities in spite of the shortage of space.

The following are the other centres recently established (1) Andheri (2) Mulund (3) Chembur (4) Ghatkopar (5) Kurla (6) Bandra Research : With the instillation of E. M. C. Machine professional staff has been engaged in fundamental research.

Prophylatic Immunization Centre

The total number of patient treated during the year at the Centre was 23,212 as against 32,690 in the previous year. 6,916 new cases were registered during the year under report. 149 patients attended the centre, the figure showing the highest attendance on a single day. Besides, antirabic treatment immunization against Typhoid, Cholera, Plague Diptheria and Small Pox was also done at the Centre.

Department of Pathology and Bacteriology

2,76,269 Laboratory investigations were carried out during the year 1974 in the Central Clinical Laboratory (Apart from Ward and OPD Laboratories) on the material sent from the Hospital as against 2,18,710 and 1,17,470 in the year 1973 and 1972 respectively. These are the grouped under the following heads.

(1) Pathological investigations	84,051
(2) Bacteriological investigations	26,386
(3) Biochemical investigations	57,729
(4) Serological investigations	13,128
(5) O. P. D. Lab.	1,20,655
(6) Skin Tests .. .. .	..

We thank the Director Haffkine Institute for carrying out for use some special bacteriological investigation.

Two thousand two hundred two (2,202) autopsies were performed during the year 1974 as against 1,815 and 1,617 during 1973 & 1972 respectively. A detailed record of very authopsy together with the investigations carried out in filled up. The total number of 2,202 included the 9 autopsies performed on the bodies received from Nawrojee Wadia Materinity Hospital, Parel, Bombay.

Following table shows the number of parafin block prepared for histological examination from the autopsy material and surgical tissue from 1st January 1974 to 31st December 1974 together for the previous two years.

Year	Block of P. M. Organs	Blocks of tissues from the Surgical & autopsies side of the K, E. M. and out side Autopsy Surg.	Tissues received from total res. enquiries.	Total
1974	12,790	11,863	..	..
1973	12,103	11,579	..	24,653
1972	12,394	13,563	..	..

3603 persons were directed for examination by H. O.'s department from 1-1-1974 to 31-12-1974. Out of which only 1146 persons attended for examination. 498 persons did not give their stools, blood etc. for pathological examination and hence their reports are still pending. 508 fit and 140 unit certificates were issued during the year under report. 112 certificates still pending to be issued.

Department of Neuropathology.

Total No. of cases reported	..	..	..	..	..	333
Block made	..	..	..	..	..	478
Slides routine & Sp. stains	..	..	..	..	..	2,080
Urgent smear reports	..	..	..	..	..	21
External surgical tissues	..	..	..	..	..	36

Histopathology (Autopsy).

Total No. of brains received	..	..	..	..	..	378
Block made	..	..	..	..	..	2300
Slides & Sp. stains	..	..	..	..	..	2870

Neurochemistry.

(1) C. S. F. Cell counts	..	..	..	..	..	1278
(2) Protein by turbidimetric method CSF	..	..	..	..	..	1278
(3) CSF Sugar	..	..	..	..	..	1278
(4) CSF Chloride	..	..	..	..	..	1278
(5) Blood Sugar	..	..	..	..	..	1900
(6) Prothrombine time	..	..	..	..	..	360
(7) Serum Cholesterol	..	..	..	..	..	100
(8) Serum GOT CPT	..	..	..	..	..	158
(9) Urinary aminoacids quantitative	..	..	..	..	..	10
(10) Serum total protein	..	..	..	..	..	50
(11) Serum creatine phosphokinase	..	..	..	..	..	160

Histochemistry.

(1) Histochemical studies of the enzymes (a) Atpase (b) Phosphorylase, (c) EDH (d) NAD-NBT reductase, (e) G-6-BD	..	..	..	..	..	42
(2) Patients with neuromuscular disorders	..	..	..	..	..	42
(3) Normal individuals	..	..	..	..	..	25
						<hr/> 7,957

RBC	..	..	..	..	..	385
Hb	..	..	..	..	..	25,075
WBC (T. D.)	..	..	..	..	..	23,637
SER	..	..	..	..	..	16,694
Urine	..	..	..	..	..	17,851
Stool	..	..	..	..	..	12,878
Sputum	..	..	..	..	..	455

SHANTILAL MATHURADAS BLOOD BANK

An amount of Rs. 22,807.12 was spent out of the poor box charity fund on payment of the Professional donors and on refreshments.

(1) Opening Balance	..	..	..	..	..	111
(2) Procurement of Blood	..	..	..	..	..	..
(3) Total collection at Blood Bank	..	..	..	..	..	8,081
Total Collection at Blood Bank						<hr/> 8081

(a) Relative Donors	..	..	..	..	3,527	(43.6%)
(b) Voluntary Donors	..	..	..	..	2,981	(36.7%)
Indoor	..	..	..	..	711	
Outdoor	..	..	..	..	2,270	
(c) Professional Donors	..	..	..	..	1,573	(19.45%)

Number of Units brought from other Hospitals 1,585

(II) Number of bottles supplied during the year was 9,620 as shown below:—

(a) To K. E. M. Hospital	..	..	..	..	..	8,831
(b) To other Hospital	..	..	..	..	..	649
Municipal Hospitals	..	..	..	..	..	369
Other Public	..	..	..	..	..	256
Private Hospitals	..	..	..	..	..	22
Haffkine Institute	..	..	..	..	..	2
(c) For preparation of antisera	..	..	..	..	..	26
(d) Discarded	..	..	..	..	..	114

Total consumption

9,620

Closing Balance 157

(III) Number of samples received for grouping and crossmatching 13,067

Dr. Jivraj N. Mehta Pharmaceutical Laboratory.

In details of the manufacturing work done in the laboratory during the year 1974 are given below:—

A. Production :

(a) Transfusion Bottles 500 mls. (9 types)	..	..	..	1,32,077	
(b) A. C. D. Solution 80 cc.	..	..	..	9,470	
(c) Water for injection 500 mls.	..	..	..	18,850	
(d) Intraperitoneal solution A & B	..	..	..	12,680	
			Total	1,73,077	
(2) Vials. (12 Types)	..	..	..	17,128	
(3) Sterile solutions (7 Types)	..	..	..	507.05	Litres.
(4) Stains and solutions for clinical use (9 Types)	..	..	..	434.5	Litres.
(5) Miscellenous items.					
(a) Bone Was (Surgical)	..	..	..	6.0	Kg.
(b) Enema Soap	..	..	..	900.0	Litres.
(c) Hand detergent soap	..	..	..	1,050.0	Litres.
(d) Repacting from bulk	..	..	..	810.0	Units.
(e) Administrative sets :—					
(i) Saline Transfusion Sets Rubber & Plastic)	..	..	..	36,211	
(ii) Bleeding Sets	..	..	..	12,630	

II—Central Sterile Supply Service.

(a) Drums	..	..	..	42,453	
(b) Trays	..	..	..	16,264	
(c) Bottles, Flasks, Jars From Theatres	..	..	..	103	
(d) Boxes (Rubber & Bleeding sets)	..	..	..	10,484	
(e) Paper Pkts. for saline sets	..	..	..	19,947	
(f) Transfusion Bottles	..	..	..	1,73,077	
(g) Vials	..	..	..	17,128	
(Besides various empties are sterilised)					

III—Control Laboratory.

(a) Test for contents	..	..	..	899	
(b) Conductivity test for Waters	..	..	..	273	
(c) Pyrogen Test	..	..	..	418	
(d) Sterility test	..	..	..	1,389	

(The production cost of items manufactured is Rs. 3,34,845 and Market value is estimated to be Rs. 8,79,625.07 resulting into savings of Rs. 5,44,780.07).

IV. Besides this usual teaching work for 2nd M. B. B. S. students at G. S. Medical College and helping preparing medicinal schedule and scrutinising tenders received yearly and time to time was carried out.

V. A. modified Administrative Set was developed so that it can be used both for bigger 500 ml. saline bottles and smaller 375 ml. Blood bottles without changing.

DISPENSARY

The dispensing work carried out in the Dispensary during the year under report is as follows :—

	K.E.M.H.	C.V.T.C.	Otrh. Centre	Total
(1) Out patients	5,26,390	31,186	29,308	5,86,884
(2) In-patients	19,476	1,408	2,579	23,463
(3) Ordinary	1,365	..	24	1,389
Total	5,47,231	32,594	31,911	6,11,736

Advisory Medical Board

During the year under report, the Advisory Medical Board held 2 meetings of the Honorary and Professorial Staff.

K. E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE STAFF SOCIETY

Membership

The number of members on the roll at the beginning of the year were 147. Six members have retired/left the services and Ten new members have joined. The number of members at the close of the year is 151.

Dr. C. K. Deshpande continued as President throughout the year. During the year under report the Ex. Committee met twice. Seven monthly meetings were held and following papers were presented.

Meeting No. and Date	Authors	Title
310/12-1-1974	Dr. C. V. Mehendale	Reconstruction of the Vagina.
311/9-2-1974	Dr. V. N. Bagadia P. V. Pradhan L. P. Shah and Miss V. Natarajan and J. Gopalani.	Incidence of Cannabis Indican-take in snowsecutive 1000 Psychiatric out patients and the attitude of patients and relative to it—A Pilot Study.
312/8-6-1974	Farewell Meeting in Honour of Dr. G. D. Adhia	Dr. G. D. Adhia.
313/12-7-1974	Dr. S. C. Desai	Post-Coronary Physical Rehabilitation-personal Experience and Perspectives.
314/10-8-1974	Dr. S. K. Pandya, Dr. D. H. Deshpande, Dr. D. Koppikar and Dr. H. M. Dastur.	The pathology of Sub-arachnoid Haemorrhage with special reference to Cerebral Mycotic Aneurysm.
315/14-8-1974	Dr. M. D. Shah, Dr. I. V. Dandekar, Dr. M. G. Nerurkar, Dr. S. G. Kinare, Dr. S. R. Pandye, Dr. G. B. Parulkar, and Dr. M. D. Kelkar.	Renovascular hypertension in children and Adolescents.
316/14-12-1974	Dr. A. V. Bavadekar, Dr. R. S. Dhir, Dr. B. R. Patel, Dr. S. S. Palekar and Dr. D. N. Hormasji.	Early Anterior Clearance for Tuberculosis of Spine 201 cases.

Four Guests Lectures were held during the year :—

12-1-1974 : Prof. Kryzhanoosky from Rusia—Tetanus.

4-5-1974 : Dr. Donald Ritter, Visiting Professor, Mayo Clinic, U.S.A.

26-8-1974 : Prof. Byron Kakulus, Prof. of Neuro-Pathology, University of Western Australia, Perth—(Virulence of Axenically Cultivated E. Coli).

Farewell Functions :—

Farewell functions for the following members of the Staff Society were held who retired from Municipal services during the year under report.

1. Dr. N. S. Vahia—Hon. Prof. of Psychiatry and Hon. Psychiatrist.
2. Dr. G. D. Adhia—Hon. Prof. of Surg. and Hon. Surgeon.
3. Dr. H. M. Dastur—Neuro-Surgeon.

Foundation Day :—

In collaboration of the Gosumec Alumni, Foundation Day was celebrated on 22nd and 23rd March, 1974. Shri M. W. Desai, Municipal Commissioner inaugurated the function on 22-3-1974. A magnificent exhibition was held in the Badminton Hall, A Press Conference was held on 21st March 1974 and Scientific Session was arranged on Saturday the 23rd March 1974 from 9.00 a.m. onwards when number of papers were presented. This was possible with generous help from Development Fund. The members of Nursing Staff, O. T./P. T. students, undergraduates and Post-graduates of these Institutions and students with extra-curricular activities who distinguished themselves in various examinations and competitions were felicitated. In all about 22 students were felicitated.

Prof. Mrs. M. Shahani, Dr. Smt. V. N. Acharya and Dr. G. H. Tilve took keen interest in arranging the exhibition.

R. M. O.s. K. E. M. HOSPITAL

Because of the sudden increase in the number of residents from February 1st, 1974 a lot of difficulties were encountered in accomodating all the Residents A. M. O. and tutors in the R. M. O.s Quarters. The doctors who were not required to be in the campus every day, were provided with duty rooms. Six additional rooms were acquired in C. V. T. C. on the 5th Fl. However this did not solve the problems completely and two additional diety rooms were obtained on top of Ward 17 and 18.

A variety entertainment programme 'November Octaves' was arranged on the 1st November 1974. R. M. O. as well as professional artiests participated in this programme.

Best Resident Award :—

1. Dr. M. R. Vaghaiwalla.
2. Dr. A. Chikhalikar.
3. Dr. N. E. Bhamaba.

Suggestions for the next year :—

Additional quarters have to be made available in the Cooper Building and the Asstt. Deans Bungalow. Though the place has been acquired, it has not been adequality furnished. Extra furni- ture may have to be bought.

The increased number of Mess members have increased the load on the Water cooler with the result that it has been out of order most of the time. A new Water Cooler of a larger capacity is essen- tial.

NURSING STAFF

During the year under report 82 students were sent up for the Central Nursing Part I G. 'A' Examination. 70 Students out of them got through the examination. Similarly out 126 students sent up for the Part I Gr. 'B' Examination, 89 students got through the examination. 130 students were sent up for the Part II Examination, out of that 88 students got through the examination out of 97 students those appeared for the midwifery examination held by the Maharashtra Nursing Council 85 students were successful.

The arrangement of sending nurses to the Kasturba Hospital for training in infectious Diseases was continued during the year under report. Six student Nurses were directed to the Kasturba Hos- pital every month, for training for a period of One month.

The Bi annual Conference for the trained Nurses was held by the T. N. A. I. at Banglore in August 1973 and the Nurses from this hospital attended the conference.

Four Nurses of this hospital were trained in B. C. G. Vaccination during the year.

Mayor's Awards to the best trained and the trainee nurses is introduced from this year and Smt. K. A. Mary, the Smt. U. M. Parwatkar were given the Mayor's Award.

The total number of nursing staff during the year inclusive of the superior staff.

The cost of the nursing Establishment worked out to Rs. 364.39 per nurse per mensem.

NURSES WELFARE FUND

This fund is built of the subscription from Nurses and from donations received from generous people. In the year 1974, One Marathi Drama and One English Play were arranged as charity shops. The amount of Rs. 15,000 was collected and has been utilised to provide a number of amenities like library, sewing machines and Radiogram, etc. This fund is managed by a Committee of which the Dean is an Ex-Officio President. The corpus of the fund amounting to Rs. 16,000 is held in Govern- ment Securities. The donated sums are deposited in fixed deposits and all the receipts kept in Bank of Maharashtra for safe custody. The interest on securities is utilised for providing amenities to the Nurses such as subscription for Reader's Digest, Varity entertainments sports, paying bills for non- residential members for general lunches and also giving loans to the Nurses in their difficulties.

K. E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE EMPLOYEES CO-OPERA- TIVE CREDIT SOCIETY

The society worked satisfactorily during the year under report. The total members on the roll at the end of June 1974 was 1918. The Share capital amounted to Rs. 4,76,400 on 30th June 1974 as against Rs. 4,94,500 on corresponding date on previous year. The amount of loans granted to the members Rs. 22,66,650.00 as against Rs. 20,12,695 in the previous year. The society declared dividant at 9 per cent. The accounts of the Society were audited by the Government Auditors and awarded Class 'A' Certificate.

DONATIONS BY PHILANTHROPIC BODIES AND PERSONS

A well wisher who desired to remain annoxnymous has donated an amount of Rs. 15,000 to this hospital in the year 1963 in memory of (i) Smt. Khemibai Vishindas Bamchandani and (ii) Smt. Parvatibai R. Ramchandani. The interest on its amount is being credited to the Poor Box Charity Fund maintained at this hospital and this amount will be utilised for the benefit of poor and needy patients.

During the year under report number of articles including sweets, tofees, fruits, etc. were dona- ted by Philanthropic Institutions and persons.

EXPENDITURE OUT OF POOR BOX CHARITY FUND

Besides the expenditure incurred from Municipal funds a sum of Rs. 1,05,807.45 was spent out of the Poor Box Charity Fund in the year 1973-74 as against Rs. 83,876.49. This amount was mostly spent on costly drugs, blood transfusion, surgical appliances, travelling expenses of patients, etc. for the poor and deserving patients of the hospital. Donations to the extent of Rs. 34,996.91 was received by the Poor Box Charity Fund from the paritents, Philanthropic bodies and individual. In addition to cash donations small donations in kind were also received.

EXPENDITURE OUT OF THE HOSPITAL BUDGET GRANT

The total expenditure incurred on the maintenance of the hospital during the year 1973-74 including liabilities at the end of year but exclusive of the cost of extension scheme amounted Rs. approximately. The expenditure was inclusive of the cost of maintenance and treatment of In-patient, out-patients and Establishment charges on Medical, Nursing Administration and Labour Staff as well as the cost of the Staff-maintenance and repairs of the buildings.

C. K. DESHPANDE, M.D.

Dean,

*K. E. M. Hospital and Seth G. S.
Medical College, Parel, Bombay.*

APPENDIX NO. 1.

STATEMENT SHOWING THE DISTRIBUTION OF BEDS ACCORDING TO
CLASSIFICATION OF DEPARTMENTS, SEX AND UNITS.

Departments	Head of the Units	Male	Female	Children	Unclassified	Total
MEDICAL Including Tetanus.	Dr. K. G. Nair 'X'	20	18	4	...	42
	Dr. J. K. Mehta	20	12	...	...	32
	Dr. (Miss) V. N. Acharya*	24	14	...	...	38*
	Dr. A. F. Golwalla	20	12	...	...	32
	Dr. J. M. Mehta	20	12	...	...	32
	Dr. P. D. Anjaria	20	12	...	...	32
SURGICAL	Dr. G. B. Parulkar	10	3	...	...	13
	Dr. S. D. Doodhar	19	5	...	...	24
	Dr. V. S. Sheth	19	5	...	...	24
	Dr. M. L. Vaze	19	5	...	...	24
	Dr. G. B. Parulkar	19	5	...	...	24
	Dr. R. A. Bhalerao	19	5	...	...	24
	Dr. A. B. Samsi	19	5	...	...	24
OPHTHALMIC	Dr. T. N. Ursekar	14	10	...	...	24
	Dr. B. T. Maskati	11	6	...	...	17
GYNAEC	Dr. V. N. Purandare	...	14	...	...	14
	Dr. (Miss) N. D. Motashaw	...	14	...	...	14
	Dr. M. R. Narvekar	...	14	...	...	14
	Dr. (Mrs) S. J. Joglekar	...	14	...	...	14
	Dr. V. N. Purandare	...	44	...	...	44
OBSTETRIC	Dr. (Miss) N. D. Motashaw	...	44	...	...	44
	Dr. M. R. Narvekar	...	44	...	...	44
	Dr. (Mrs) S. J. Joglekar	...	44	...	...	44
	Dr. J. C. Fernandes	16	10	6	...	32
SKIN & VENE- REAL	Dr. A. V. Bavdekar	40	27	13	...	80
	Dr. R. M. Biansali	40	27	13	...	80
	Dr. L. N. Vora	40	27	13	...	80
AURAL	Dr. P. P. Karnik	6	5	13	...	24
	Dr. S. R. Rege	6	5	13	...	24
PSYCHIATRIC	Dr. D. R. Dongaji	16	4	4	...	24
	Dr. V. N. Bagadia	16	4	4	...	24
NEUROSURGI- CAL	Dr. H. M. Dastur	18	10	8	...	36
NEUROLOGY	Dr. E. P. Bharucha	22	6	4	...	32
PAEDIATRIC (MEDICAL)	Dr. (Mrs) P. E. Bharucha	...	...	32	...	32
	Dr. M. P. Bhagat	...	...	32	...	32
	Dr. R. J. Buhari- walla	...	...	32	...	32
	Dr. K. S. Goleria	16	14	10	12	52
PLASTIC SUR- GERY & BURNS	Dr. K. S. Goleria	16	14	10	12	52
THORACIC	Dr. G. B. Parulkar & Dr. S. R. Panday	10	6	...	...	16
	ISOLATION RESUSCITA- TION	4	2	...	...	6
		4	1	...	...	5
CARDIO-VAS- CULAR & THORA- CIC SURGERY	Dr. G. B. Parulkar & Dr. S. R. Panday	29	19	...	...	48
CARDIOLOGY	Dr. Ivan J. Pinto	8	6	...	...	14
	Dr. K. G. Nair	14	2	...	...	16

* These include 6 beds for A. K. D. as under :-
Male —4
Female —2

APPENDIX NO. 1—Contd.

Departments	Head of the Units	Male	Female	Childrens	Unclassified	Total
CHEST CLINIC	Dr. S. R. Kamat	13	11	...	...	24
PAEDIATRIC-SURGERY	Dr. P. K. Sen Dr. R. K. Gandhi	...	...	3 40	...	3 40
DRUG TRIAL (CIBA)	DRUG TRIAL (CIPLA)	...	...	...	10	10
DRUG TRIAL (UNICHEM)	DRUG TRIAL (UNICHEM)	...	...	...	10	10
UROLOGY	Dr. D. K. Karanjawala	8	5	3	...	16
TOTAL		599	552	247	52	1,450

Medical beds are inclusive of beds for Tetanus Haemctology, Gastroenterology, Endocrinology and Diabetics as shown below:—

	Male	Female	Children	Total
Tetanus	10	6	4	20
Haemctology	4	2	...	6
Gastroenterology	4	2	...	6
Endocrinology	4	2	...	6
Diabetics	4	2	...	6

APPENDIX NO. 1A

Statement showing the Distribution of Beds According to wards, Services and Heads

Ward No.	Service	Name of the Head of the Service	Unit wise allocation of Beds	Total Scheduled strength of Ward
I.	Paediatric (Medical)	Dr. (Mrs.) P. E. Bharucha Dr. R. J. Bahariwalla	30 30	60
II.	Paediatric (Medical) Paediatric (Surgical) Psychiatric Psychiatric Neurology	Dr. M. P. Bhagat Dr. R. K. Gandhi Dr. D. R. Doongaji Dr. V. N. Bagadia Dr. E. P. Bharucha	30 18 4 4 4	60
III.	Paediatric (Surgical) Aural Urology	Dr. R. K. Gandhi Dr. P. P. Kurnik Dr. S. R. R. ge Dr. D. K. Karanjawalla	25 8 8 3	44
IV.	Medical (Female) Psychiatric Cardiology	Dr. K. G. Nair Dr. (Miss) V. N. Acharya Dr. P. D. Anjaria & Dr. C. P. Dalvi Dr. V. N. Bagadia Dr. K. G. Nair	12 12 12 4 2	42
IV-A.	Medical (Female) Psychiatric Neurology	Dr. J. M. Mehta Dr. A. F. Golwalla Dr. J. K. Mehta Dr. D. R. Dsongaji Dr. E. P. Bharucha	12 12 12 4 6	46
V.	Surgical (Male)	Dr. V. S. Sheth Dr. G. B. Parulkar	19 29	48

APPENDIX No. 1A—(Contd.)

Ward No.	Service	Name of the Head of the Service	Unit wise allocation of Beds	Total Scheduled Strength of Ward
VI.	Surgical (Male)	Dr. A. B. Samsi.	19	48
		Dr. M. L. Vaze.	19	
	Urology	Dr. R. A. Bhalerao	2	
		Dr. D. K. Karanjwalla.	8	
VII.	Surgical (Male)	Dr. S. D. Doodhar.	19	48
		Dr. R. A. Bhalerao	17	
	Aural	Dr. P. P. Karnik	6	
		Dr. S. R. Rege	6	
VIII.	Surgical (Female)	Dr. G. B. Parulekar.	3	48
		Dr. V. S. Sheth.	5	
		Dr. A. B. Saitisi.	5	
		Dr. S. D. Doodhar.	5	
		Dr. G. B. Parulkar.	5	
		Dr. M. L. Vaze.	5	
		Dr. R. A. Bhalerao.	5	
	Aural	Dr. P. P. Karnik	5	
	Urology	Dr. S. R. Rege.	5	
	Dr. D. K. Karanjwalla.	5		
IX.	Medical (Male)	Dr. P. D. Anjaria	20	40
		Dr. A. F. Golwalla.	20	
X.	Neurosurgery	Dr. H. M. Dastur	18	50
	Neurology	Dr. E. P. Bharucha.	22	
	Psychiatric	Dr. D. R. Dongari	5	
	Psychiatric	Dr. V. N. Bagadia.	5	
XI.	Medical (Male)	Dr. J. M. Mehta	20	40
	Cardiology (Male)	Dr. K. G. Nair	10	
	Medical (Male)	Dr. K. G. Nair	10	
XII.	Medical (Male)	Dr. (Miss) V. N. Acharya	20	40
		Dr. J. K. Mehta.	20	
XIII.	Ophthalmic	Dr. T. N. Ursekar	24	41
		Dr. B. T. Maskati	17	
XIV-XIVA	Labour obstetrics	Dr. V. N. Purandare	44	182
		Dr. (Miss) N. D. Motashaw	44	
	Ante-Natal	Dr. M. R. Narvekar	44	
	Post-natal	Dr. (Mrs.) S. J. Joglekar	44	
	Sterilization	Prematurity	† 6	
	Post-Operative			
	Waiting Ward			
	Labour Ward			
	Septic ward			
	Side Room			
	Eclampsia			
	Receiving Room			
	Theatre			
			176	
Prematurity		6		
	Total	182		
XV & XVA	Gynaecology	Dr. V. N. Purandare	14	56
		Dr. (Miss.) N. D. Motashaw	14	
		Dr. M. R. Narvekar.	14	
		Dr. (Mrs.) S. J. Joglekar	14	
XVI & XVA	Plastic Surgery & Burns	Dr. K. S. Goleria.	40	52
			12	

APPENDIX No. 1A—(Concl'd.)

Ward No.	Service	Name of the Head of The Service	Unit wise allocation of Beds	Total Scheduled Strength of Ward.
XVII & XVIII	Skin & Venereal Isolation	Dr. J. C. Fernandis	32 6	38
XIX.	Psychiatric	Dr. D. R. Doongar i Dr. V. N. Bagadia.	11 11	22
XX.	Resuscitation		5	5
XXI.	Aural	Dr. P. P. Karnik Dr. S. R. Rege.	5 5	10
XXII.	Tetanus	Dr. K. G. Nair	20	20
XXIII.	Thoracic	Dr. G. B. Parulkar & Dr. S. R. Pañday	16	16
XXIV.	Drug Trial.	CIBA WARD	10	10
XXIV-A	Drug Trial.	Cipla Ward	10	10
XXIV-B	DRUG Trial	Unichem Ward	10	10
XXV.	Orthopaedic (Male)	Dr. R. M. Bhansali.	40	40
XXVI.	Orthopaedic Female & Children	Dr. R. M. Bhansali.	40	40
XXVII.	Orthopaedic (Male)	Dr. A. V. Bavdekar.	40	40
XXVIII.	Orthopaedic Female & Children	Dr. A. V. Bavdekar.	40	40
XXIX.	Orthopaedic (Male)	Dr. L. N. Vora.	40	40
XXX.	Orthopaedic Female & Children	Dr. L. N. Vora.	40	40
XXXI.	C. V. T. C.	Dr. G. B. Parulekr (General Surgery) Dr. G. B. Parulkar & Dr. S. R. Panday	4 44	48
XXXII.	Chest Clinic, Cardiology	Dr. S. R. Kamat Dr. Ivan J. Pinto Dr. K. G. Nair.	24 24 4	52
XXXIII.	Neurosurgery	Dr. H. M. Dastur.	18	X 18
XXXIV.	Artificial Kidney.	Dr. (Miss) V. N. Acharya.	6	• 6
			Total	1,450

† These beds are under the Care of Paediatric (Medical)

X. Sex-wise distribution is as under :

Male	10
Female	5
Children	3

* Sex-wise distribution as under

Male	4
Female	2

The beds in Medical Wards—IV and IVA (Female) and IX and XI (Male) are inclusive of the following beds

(1) Dr. B. C. Mehta Haematology	Ward IX—4 Male	Ward IVA—2 Female
(2) Dr. S. D. Bhandarkar Endocrinology	Ward IX—4 Male	Ward IV—2 Female
(3) Dr. S. D. Bhandarkar Diabetics	Ward XI—4 Male	Ward IV—2 Female
(4) Dr. B. D. Pimparkar Gastroenterology	Ward XI—4 Male	Ward IV—2 Female

APPENDIX No. 2

Statement showing the particulars of Indoor and Out-door patients, the number of Operations performed etc during the years 1974, 1973 and 1972.

Particulars	1974	1973	1972
(a) In-patients—			
(1) Schedule strength of beds ...	1,450	1,450	1,450
(2) Daily average number of In-patients ...	1,709	1,098	1,791
(3) Total number of new In-patients admitted ...	58,067	56,317	60,930
(4) Average number of days each patient was resident ...	10.7	11.0	11.3
(b) Out-patients—			
(1) Total number of new Out-patients attendance ...	3,76,090	3,73,902	3,78,013
(2) Daily average number of new Out-patients ...	1,233	1,225	1,292
(3) Total number of Out-patients attendance: New & Old ...	8,35,951	8,47,476	7,52,098
(4) Daily average number of Out-patients attendance: New & Old ...	2,740	2,779	2,466
(5) Number of Casualty Patients ...	30,772	33,926	43,239
(c) Operations—			
(1) Total number of Operations on In-patients ...	28,451	27,936	27,239
(2) Total number of Operations on Out-patients ...	67,559	72,086	47,371

APPENDIX No. 3

Statement showing the In-patients treated in the K. E. M. Hospital during the year 1974 with the classification according to Depts. Sex, Age, Discharges & Deaths.

Departments	Unit	Sex		In the Hospital at the mid-night of 31st Dec. 1973	Admitted during the year 1974	Total treated	Discharged during the year 1974	Died during the year 1974	In the Hospital by the midnight of 31st Dec. 1974
Medical	.. I	Male	...	42	1,567	1,611	1,375	187	49
		Female	...	15	679	694	605	75	14
Medical	.. II	Male	...	26	1,523	1,549	1,277	244	28
		Female	...	12	791	803	637	132	34
Medical	.. III	Male	..	20	1,387	1,407	1,207	178	22
		Female	..	8	665	673	591	74	8
Medical	.. IV	Male	..	41	1,845	1,886	1,588	251	47
		Female	..	16	1,020	1,036	881	131	2
		M/Child	..	6	286	232	123	94	15
		F/Child	..	2	168	170	108	58	4
Medical	.. V	Male	..	32	1,414	1,446	1,237	165	44
		Female	..	10	656	666	593	59	14
Medical	.. VI	Male	..	31	1,557	1,588	1,385	176	27
		Female	..	17	763	780	693	7	17
Surgical	.. I	Male	..	27	1,595	1,623	1,474	97	52
		Female	..	8	422	430	370	45	15
Surgical	.. II	Male	...	19	1,658	1,677	1,504	128	45
		Female	..	7	478	485	446	27	12
Surgical	.. III	Male	..	20	1,412	1,432	1,333	87	12
		Female	..	6	385	391	332	53	6
Surgical	.. IV	Male	..	27	1,503	1,530	1,393	100	37
		Female	..	5	462	467	390	68	9
Surgical	.. V	Male	..	41	1,429	1,470	1,319	108	43
		Female	..	17	410	421	356	57	14
Surgical	.. VI	Male	..	37	1,518	1,555	1,415	115	25
		Female	..	11	402	413	353	53	7
Ophthalmic	.. I	Male	..	9	389	388	383	1	14
		Female	..	5	205	210	201	1	8
		M/Child	..	1	29	30	29	...	1
		F/Child	..	1	25	26	25	...	1
Ophthalmic	.. II	Male	..	11	388	399	387	...	12
		Female	..	6	225	231	219	...	12
		M/Child	..	1	27	28	28	...	...
		F/Child	..	1	19	20	20	...	...
Gynaec	.. I	Female	..	17	698	715	696	5	14
		F/Child	..	...	...	...	...	...	...
Gynaec	.. II	Female	..	15	896	911	889	4	18
		F/Child	..	...	...	...	...	...	...
Gynaec	.. III	Female	..	15	604	619	613	...	6
		F/Child	..	...	...	...	...	...	...
Gynaec	.. IV	Female	..	6	782	788	770	2	16
		F/Child	..	...	...	...	...	...	...
Skin & Venereal		Male	..	16	283	299	278	2	19
		Female	..	6	105	111	104	1	6
		M/Child	..	...	21	21	20	...	1
		F/Child	..	2	19	21	20	...	1
Aural	.. I	Male	..	...	482	482	458	3	11
		Female	..	5	436	441	434	...	7
		M/Child	..	...	221	221	218	3	...
		F/Child	..	...	191	191	190	1	...
Aural	.. II	Male	..	...	520	520	507	5	8
		Female	..	1	403	404	398	1	5
		M/Child	..	...	236	236	236	...	...
		F/Child	..	...	222	222	221	1	...
Orthopaedic	.. I	Male	..	81	705	786	655	31	100
		Female	..	39	277	306	241	15	49
		M/Child	..	14	166	180	159	1	20
		F/Child	..	6	83	89	78	1	10
Orthopaedic	.. II	Male	..	99	779	878	773	25	80
		Female	..	39	334	393	329	15	43
		M/Child	..	9	219	221	212	...	16
		F/Child	..	6	99	105	92	2	11
Orthopaedic	.. III	Male	..	73	735	808	714	21	73
		Female	..	50	208	358	315	14	29
		M/Child	..	7	152	159	146	...	13
		F/Child	..	9	97	106	101	...	5

APPENDIX No. 3—(concl.d.)

Departments	Unit	Sex	In the Hospital at the midnight of 31st Dec. 1973	Admitted during the year 1974	Total treated	Discharged during the year 1974	Died during the year 1974	In the Hospital by the mid-night of 31st Dec. 1974
Psychiatric .. I	Male	..	9	185	194	188	...	6
	Female	..	2	109	111	107	...	4
	M/Child	..	...	9	9	8	...	1
	F/Child	..	1	10	11	11	...	...
Psychiatric .. II	Male	..	3	300	303	296	1	6
	Female	..	...	135	135	132	...	3
	M/Child	..	...	11	11	11	...	...
	F/Child	..	...	11	11	11	...	...
Neurology ..	Male	..	22	317	339	306	15	18
	Female	..	8	135	143	135	8	...
	M/Child	..	1	81	82	80	2	...
	F/Child	..	...	40	40	40	...	...
Neuro-surgery	Male	..	12	233	245	177	53	15
	Female	..	13	124	137	101	23	13
	M/Child	..	...	109	109	73	22	14
	F/Child	..	...	42	42	20	14	8
Paediatric (Medical) .. I	M/Child	..	21	825	906	741	147	18
	F/Child	..	19	633	652	527	112	13
Paediatric (Medical) .. II	M/Child	..	15	748	763	592	158	13
	F/Child	..	6	565	571	409	153	9
Paediatric (Medical) .. III	M/Child	..	19	828	847	694	144	9
	F/Child	..	9	586	595	484	102	9
Obstetric .. I	Female	..	34	2,580	2,614	2,574	6	34
Obstetric .. II	Female	..	43	2,671	2,714	2,653	6	30
Obstetric .. III	Female	..	21	1,883	1,904	1,874	7	23
Obstetric .. IV	Female	..	...	1	1	1	...	...
Plastic-surgery	Male	..	25	322	347	317	2	281
	Female	..	9	95	104	91	3	10
	M/Child	..	4	93	97	88	1	8
	F/Child	..	5	75	80	75	1	4
Thoracic-Surgery	Male	..	28	240	268	215	31	22
	Female	..	21	133	154	135	14	5
	M/Child	..	9	16	25	14	8	3
	F/Child	..	2	28	30	22	5	3
Cardiology .. I	Male	..	10	204	214	171	34	9
	Female	..	5	117	122	104	12	6
	M/Child	..	...	10	10	9	1	...
	F/Child	..	...	3	3	3	...	...
Paediatric-Surgery	M/Child	..	41	2,012	2,053	1,901	118	34
	F/Child	..	25	989	1,014	932	63	19
Asthma ..	Male	..	11	313	324	269	42	13
	Female	..	3	190	193	168	15	10
	M/Child	..	...	11	11	10	1	...
	F/Child	..	1	2	3	3	...	1
Urology ..	Male	..	...	244	244	240	3	1
	Female	..	...	29	29	25	4	...
	M/Child	..	...	...	...	...	...	...
	F/Child	..	...	1	1	1	...	...
Diabetic	Male	..	...	26	26	26	...	...
	Female	..	...	14	14	14	...	...
	M/child	..	...	...	...	...	...	...
	F/child	..	...	...	...	...	...	...
Gastro intestinal Clinic	Male	..	5	57	62	61	1	...
	Female	..	...	7	7	7	...	...
	M/child	..	...	...	...	...	...	...
	F/child	..	...	...	...	...	...	...
Hamatology	Male	..	6	53	59	49	5	3
	Female	..	...	22	22	15	5	2
	M/Child	..	...	...	...	...	...	...
	F/Child	..	...	...	...	...	...	...
Endocrinology	Male	..	3	61	64	53	5	6
	Female	..	1	51	52	42	3	7
	M/Child	..	...	...	...	...	...	...
	F/Child	..	...	...	...	...	...	...
Total ..	Male	..	786	25,247	26,033	23,040	2,116	677
	Female	..	518	22,800	23,318	21,703	1,014	596
	M/Child	..	148	6,111	6,259	5,393	700	166
	F/Child	..	95	3,909	4,004	3,394	513	97
Grand Total	...	...	1,547	58,067	59,615	53,535	4,343	1,236

APPENDIX No. 4.

Statement showing the Out-Patients (New O.P.D., Casualty) in the K. E. M. Hospital during the year 1974
Classification according to the Department, Sex and Age.

Departments	Sex	O.P.D. New Cases	Casualty.
Medical	Male	48,532	2,565
	Female	22,513	1,109
	M/Child	2	44
	F/Child	...	20
Surgical	Male	72,885	10,928
	Female	20,095	2,295
	M/Child	...	79
	F/Child	...	31
Ophthalmic	Male	14,858	1,434
	Female	6,229	130
	M/Child	1,182	32
	F/Child	878	18
Gynaecology	Female	14,559	67
	F/Child	5	1
Dental	Male	9,848	22
	Female	6,875	7
	M/Child	1,088	2
	F/Child	921	...
Skin-Veneral	Male	21,897	50
	Female	7,604	8
	M/Child	5,891	10
	F/Child	4,530	1
Aural	Male	11,151	387
	Female	6,744	103
	M/Child	2,864	89
	F/Child	2,240	68
Orthopaedic	Male	12,058	4,812
	Female	5,381	1,206
	M/Child	2,190	843
	F/Child	1,216	335
Psychiatric	Male	3,952	19
	Female	2,257	4
	M/Child	324	2
	F/Child	254	1
Neuro-Surgery	Male	660	4
	Female	327	2
	M/Child	177	1
	F/Child	95	2
Neurology	Male	1,156	3
	Female	517	...
	M/Child	250	...
	F/Child	139	...
Paediatric (Medical)	M/Child	14,042	537
	F/Child	9,590	371
Obstetric	Female	8,716	69
Dispensary Service	Male	2,239	...
	Female	679	...
	M/Child	81	...
	F/Child	41	...
Thoracic-Surgery	Male	304	3
	Female	207	1
	M/Child	40	...
	F/Child	45	...
Cardiology	Male	1,093	3
	Female	802	1
	M/Child	175	...
	F/Child	115	...

APPENDIX No. 4 (Concd).

Statement showing Out-Patients (New O. P. D. Casualty) in the K. E. M. Hospital during the year 1973
Classification according to the Department, Sex and Age

Departments	Sex	O.P.D. New Cases	Casualty
Diabetic-Clinic	Male	724	...
	Female	424	...
	M/Child	17	...
	F/Child	6	...
Gastro-Intestinal Clinic	Male	144	...
	Female	86	...
	M/Child	19	...
	F/Child	7	...
Epilepsy	Male	422	...
	Female	205	...
	M/Child	181	...
	F/Child	116	...
Paediatric-Surgery	M/Child	12,195	1,356
	F/Child	5,798	673
Plastic-Surgery	Male	197	772
	Female	104	83
	M/Child	81	113
	F/Child	47	39
Urology	Male	207	...
	Female	48	...
	M/Child	7	...
	F/Child	4	...
Hamatology	Male	12	...
	Female	1	...
	M/child	2	...
	F/child	...	...
Asthama	Male	28	...
	Female	19	...
	M/Child	2	...
	F/Child	1	...
Chest Clinic	Male	712	...
	Female	439	...
	M/child	31	...
	F/child	25	...
Arthritis Clinic	Male	89	...
	Female	107	...
	M/child	6	...
	F/child	3	...
Vascular Clinic	Male	59	...
	Female	18	...
	M/child	3	...
	F/child	1	...
Sports Clinic	Male	271	...
	Female	41	...
	M/Child	...	...
	F/Child	1	...
Municipal Staff	Male	68	1
	Female	9	...
	M/child	2	...
	F/child	...	...
Total	Male	2,03,750	21,000
	Female	1,05,373	5,104
	M/Child	40,869	3,118
	F/Child	26,093	1,560
Grand Total		3,76,090	30,772

APPENDIX No. 5

Statement showing the relative cost per In-patient and Out-patient per day during the year 1974-75 and previous two years

Particulars	1974-75	1973-74	1972-73
	Rs.	Rs.	Rs.
(a) Average cost per In-patient per day	33.64	29.04	26.64
(b) Average cost per In-patient admission	389.91	330.90	286.01
(c) Average cost per Out-patient attendance	7.35	6.72	4.82
(d) Average cost per Out-patient admission	12.07	11.47	9.27

APPENDIX No. 6

Statement showing the details of cost per In-patient for the year 1974-75 and previous two years.

Year	Diet	Drugs Dressings etc.		Stores and Linen		Heating and Lighting		Miscellaneous		Establishment		Repairs to Building and Engineerings		Total		
		Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	
1974-75	...	3.56	...	7.42	...	2.29	...	0.66	...	1.25	...	18.08	...	0.38	...	33.64
1973-74	...	2.43	...	5.97	...	1.54	...	0.46	...	2.21	...	15.60	...	0.83	...	29.04
1972-73	...	2.24	...	5.94	...	1.33	...	0.45	...	2.24	...	13.80	...	0.64	...	26.64

APPENDIX No. 7

Statement showing the average cost of each New Out-patient admission for the year 1974-75 and previous two years.

Year	Drugs Dressings etc.		Stores and Linen		Heating and Lighting		Miscellaneous		Establishment		Repairs to Building & Engineering		Total		
	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	
1974-75	4.55	...	0.96	...	0.20	...	0.39	...	5.58	...	0.39	...	12.07
1973-74	4.35	...	0.90	...	0.13	...	0.36	...	5.35	...	0.33	...	11.47
1972-73	2.98	...	0.85	...	0.14	...	0.27	...	4.90	...	0.13	...	9.27

APPENDIX No. 8

Statistical Information

Average age of students.	Year 1974-75	Year 1973-74
I. At the time of admission	18 Years	18 Years
II. At the time of Matriculation	16 Years	16 Years
<i>Marital status at the time of admission :</i>		
I. Married	...	...
II. Betrothed	...	...
III. Single	171	158
<i>Occupations of parents or guardians :</i>		
Service	34.71%	53.75%
Medical Profession	13.53%	11.25%
Legal Profession	5.30%	3.75%
Engineering	1.20%	25.62%
Miscellaneous occupation	25.26%	5.62%

APPENDIX No. 9

Annual Cost and Revenue

	1974-75	1973-74
	Rs.	Rs.
Total expenditure including expenditure on hostels	46,21,732	35,60,463.00
Revenue from tuition fees, and Miscellaneous receipts	2,86,666	2,75,008.00
Revenue from Post-graduate fees	78,765	67,390.00
Income from Hostel	50,385	50,998.00
Expenditure on Hostel	1,04,750	98,885.00
Gross cost per student	2,736.36	2,089.47
Net cost per student	2,490.12	1,858.61

APPENDIX No. 10

PARTICULARS REGARDING STUDENTS

Number of students in the different classes:—

Class	Male students	Female students	Total
1st M.B., B.S. ...	122	49	171
1st M. B., B. S. Casuals ...	24	4	28
2nd M.B., B. S. (1st, 2nd, & 3rd terms) ...	240	68	308
3rd M.B., B.S. (1st, 2nd, & 3rd terms) ...	134	40	174
3rd M.B., B.S. (Casuals) ...	23	4	27
Interns ...	105	49	154
Physiotherapy (B.Sc.) ...	16	65	81
B.Sc. (Occup. therapy) ...	8	68	76
Condensed M. B. B. S. ...	8	1	9
Total number of Undergraduate students ...	680	348	1028
Total number of Post-graduate students including Research students ...	432	229	661
Grand Total ...	1112	577	1689

APPENDIX No. 11.

Result of various University Examinations

Name of the Examination.	April 1974		October 1974		
	Appeared	Passed	Appeared	Passed	
1st M.B.B.S.	...	16	13	145	130
2nd M.B.B.S.	...	160	130	43	96
3rd M.B.B.S.	...	31	22	159	132
B.Sc. (Physiotherapy)	...	53	19	21	12
B.Sc. (Occupational Therapy)	...	26	26	12	8
D.M.L.T.	...	9	5	2	2
M.D. (Medicine)	...	15	4	21	5
M.D. (Path and Bact.)	...	6	4	4	0
M.D. (Gyn. and Obst.)	...	10	0	15	9
M.D. (Pharmacology)	...	1	1	1	1
M.D. (Paediatrics)	...	9	3	14	8
M.D. (Tuberculosis & Chest Diseases)
M.D. (Skin Diseases)	...	2	0	3	3
M.D. Anaesthesia	...	4	1	3	1
M.D. Radiology
M.D. Prev. and Soc. Med.	...	1	0	...	...
M.D. Psychological Medicine	...	1	1	1	1
M.D. Human Physiology	...	1	1	...	...
M.D. Neurology	...	1	0	2	0
M.D. Cardiology	2	0
M.S. Gen. Surg.	...	12	9	18	4
M.S. Orthopaedics	...	16	3	10	3
M.S. E.N.T.	...	4	1	5	3
M.S. Ophthalmology	...	2	2	...	...
M.S. Human Anatomy	3	3
M.S. Neuro Surgery	...	1	...	1	...
M.S. Thoracic Surg.
M.S. Paediatric Surgery	...	9	1	1	...
M.S. Plastic Surgery	1	...
D.A.	...	10	7	10	9
D.V.D.	...	1	1	2	1
D.P.H.	5	2
D.P.M.	...	2	2	3	1
D.M.R.D.	...	3	1	6	1
D.M.R.E.

APPENDIX No 11—(Concl.)

Result of various University Examinations

Name of the Examination	Research students who passed the examinations during the year 1973-74
M.Sc. (Human Anatomy) ... ..	...
M.Sc. (Bioch. by pps.)	22
M.Sc. (Bioch. by Research)	9
M.Sc. (Micro. by research)	2
M.Sc. (Human Physic) ... ..	...
M.Sc. (Animal Phy.) by research ... ..	...
M.Sc. (applied Bio.)	3
Ph. D. (Animal Phy.) ... ..	...
Ph. D. (Applied bc.) ... ..	...
Ph. D. (Human Phy.) ... ..	...
Ph. D. (Pharmacology) ... ..	...

Result of the various examinations of the College of Physicians Surgeons of Bombay.

Name of the Examination.	April 1974		October 1974	
	Appeared	Passed	Appeared	Passed
M.C.P.S. ...	4	4	2	1
F.C.P.S. ...	6	0	10	4
D.G.O. ...	10	4	11	8
D.C.H. ...	6	1	7	5
D.F.P. ...	4	2	—	—
D.O.M.S. ...	4	4	3	2
D.P.M. ...	5	4	5	5
D.M.R.E. ...	—	—	4	4
D.D.V. ...	—	—	1	1
D.O.R.L. ...	4	4	1	1
D.A. ...	—	—	2	2
D.Orth. ...	6	3	11	0
D.P.B. ...	1	1	—	—
Diploma in Clinical Pharmacology ..	1	1	1	—

SETH A. J. B. MUNICIPAL E. N. T. HOSPITAL

SUMMARY OF THE ANNUAL ADMINISTRATION REPORT SETH A. J. B. MUNICIPAL E. N. T. HOSPITAL

The Annual Administration Report of the Seth A. J. B. Municipal E. N. T. Hospital For the year 1974-75.

HOSPITAL

I—Expenditure :

(A)	1. Amount Spent on In-Patients	..	..	..	Rs.	9,27,752.22
	2. Amount Spent on Out Patient	..	..	..	Rs.	4,63,876.11
	3. Total Expenditure excluding New works	..	..	..	Rs.	13,91,628.34
(B)	1. Average Cost per Patient per day (In-Patient)	..	..	..	Rs.	36.88
	2. Average Cost per patient admission (Do.)	..	..	..	Rs.	163.76
	3. Average Cost per out Patient's attendance	..	..	..	Rs.	4.03
	4. Average Cost per Out Patient admission	..	..	..	Rs.	11.11

II—Results :

(A)	1. Scheduled Bed Strength	..	..	..	..	100
	2. Daily Average In-Patients in wards	..	..	..	..	68
	3. Total number of admission including those brought over from previous year	..	..	..	..	5665
	4. Total Number of patients discharged.	..	..	..	..	5537
	(i) as Relieved	..	..	..	..	20
	(ii) as Unchanged	..	..	..	..	15
	(iii) Left against Medical Advice	..	..	..	..	11
	(iv) Expired	..	..	..	..	82
	(v) Remained in the hospital on the last day of the year.	..	..	..	..	4.13
	5. Average stay of In-Patient in the ward (days)	..	..	..	..	41740
(B)	1. Total number of out Patients (New)	..	..	..	..	136.0
	2. Daily average number of Out Patients	..	..	..	..	115109
	3. Total number of Out Patients (New & Old)	..	..	..	..	377
	4. Daily average number of Out Patients attendance (New & Old)	..	..	..	..	5164
(C)	1. Total number of Operations on In Patients	..	..	..	..

III—Radiology :

1.	Total number of X-Ray Films used	..	..	..	..	5018
2.	Total number of X-Ray taken	..	..	..	..	6779
3.	Total number of patients come for X-Rays	..	..	..	..	4209
4.	Total number of Screening done	..	..	..	..	3561

IV—Pathology :

1.	Total Pathological investigations done	..	..	..	..	26705
2.	Total Histo-Pathological Investigations done	..	..	..	..	1500

V—Deficiencies :

1. Acute shortage of Labour staff.
2. Acute shortage of space in hospital for further expansion.
3. Canteen facility could not be provided due to shortage of space.
4. Operation Theatres are not air-conditioned.

SETH A. J. B. MUNICIPAL E. N. T. HOSPITAL

The Municipal Ear, Nose & Throat Hospital which was started in December 1962 at Improvement Trust Building has been renamed as Seth Atmasingh Jassasingh Bankebihari Municipal E. N. T. Hospital.

The Scheduled bed strength of the hospital is 100 and all beds were commissioned for In-Patients admitted in the hospital during 1974. The total number of patients admitted in the Hospital during the year was 5665 including the remaining patients of last year. The average stay of an In-patient in the hospital was 4.13 days during the period. Out of total number 5665 (5594+71) in-patient 5537 were relieved, 20 were unchanged (otherwise discharged), 11 expired leaving 82 patients under treatment in the hospital on the last day of the year. 15 patients went against medical advice.

The highest number of patients admitted on a single day was 32 patients on 22nd April 1974.

Out-Patient Department.

The total number of new case papers issued during the year 1974-75 was 41740 and total number of out patients attendance (41740 + 73369) was 115109 bringing the daily average attendance of Out Patients to 377. The highest number of Out Patients on a single day (206 + 362=568) on 19th August 1974.

Operative Work.

5164 Operations were performed on In-Patients during year 1974-75.

Pathology Department.

28025 Clinicopathological investigations were performed in the year. Dr. A. R. Chitale (Part-time) Pathologist, is in charge of the department.

Radiology Department.

9227 Radiological investigations were done during the year 1974-75. 6779 X-Ray films were used & 3561 patients were recorded for screening.

Audiology Clinic.

6317 Audiograms were recorded during the year 1974-75, including 1092 Post Operative audirgoans 75 Speech cases, were treated. An audiology room for full comprehensive tests of handicapped individuals is ready now. Services of speech and hearing Therapist are also available in this clinic.

Poor Box Charity Fund.

Cash Boxes were kept in the hospital to enable the patients to drop in their voluntary contribution towards the poor box charity Fund. An amount of Rs. 20065.25 collected for the fund through these boxes during the year 1974-75. The fund so collected was utilised to provide hearing aids tracheostomy tubes and free blood transfusions to the poor & deserving patients.

The amount collected is deposited in Central Bank of India.

The major item on which the fund is expensed is for the payment for blood transfusion where the patients generally cannot afford to pay. In case of poor & deserving patients, blood is supplied at part/nil cost.

Dr. (Smt.) S. C. Basrur, M. B. B. S. D.G.O., who was in charge of hospital administration and continued to hold the post of Assistant Medical Officer.

The medical staff consisted of six Honorary Surgeons, Three Honorary Assistant Surgeons (Part-time), 4 E.N.T. Registrars, 5 House Surgeons, 1 (Part-time) Anaesthetist, 1 Tutor in Anaesthesia, 2 Casualty Medical Officer, 1 Honorary Assistant Radiologist (Part-time), 1 Pathologist (Part-time).

Nursing staff consisted of 1 Sr. Sister, 6 Sisters 26 Staff Nurses.

Dr. (Smt.) S. C. Basrur.

Municipal A. J. B. (E. N. T.) Hospital.

APPENDIX I.

Statement showing the particulars of Out door Patients during the year 1974 at the A. J. B. Municipal E. N. T. Hospital.

(1) No. of New cases	41740
(2) No. of Old cases	73369
(3) No. of highest attendance on a single day 19th August 1974 ..	568
(4) Daily average number of Out Patients attendance	377

Statement showing Out Patients (New & Old) treated at A. J. B. Municipal E. N. T. Hospital during the year 1974-75., with classification according to Sex :—

Sex	O. P. D. New Cases	O. P. D. Old Cases	Total Attendance.
Male	20,150	33,658	53,808
Female	10,930	19,520	30,450
Male-Child	5,848	11,073	16,921
Female-Child	4,812	9,118	13,930
Total ..	41,740	73,369	1,15,109

APPENDIX II.

Statement showing Indoor Patients Operations, done during the year 1974-75 at Seth A. J. B. Municipal E. N. T. Hospital.

(1) Scheduled Strength Beds	100
(2) Number of Beds Commissioned	100
(3) Total number of New patients admitted	5594
(4) Average No. of days each patient was resident in ward (days) ..	4.13
(5) Number of highest admission on a single day on 22-4-1974. ..	32
(6) Total number of operations on indoor patients done. ..	5164

Sex	Addmitted	Discharged	Died	In the Hospital.
Male	2184	2135	8	41
Female	1601	1573	2	26
Male-Child	984	978	..	6
Female-Child	896	886	1	9
Total ..	5665	5572	11	82

Bai Yamunabai L. Nair Charitable Hospital & Topiwala National Medical College

Summary of the Administration Report of the B. Y. L. Nair Charitable Hospital for the year 1974-75

HOSPITAL

The total expenditure incurred on the maintenance of the hospital including liabilities at the end of the year amount to Rs. 1,85,49,156.00 approximately as against Rs. 1,36,07,344.64 for the previous year.

Donation to the extent of Rs. 9,050.27 were received during the year.

An amount of Rs. 22,880.46 was collected from the boxes kept in the wards and out-patients department of the hospital.

An amount of Rs. 1,55,905.51 was spent from the fund towards Medicines, Drugs, appliances etc. for the poor patients.

COLLEGE

The total expenditure of the College amounted to Rs. 39,30,103.00 during the year under report as against Rs. 26,66,197.65 during the previous year.

The net revenue of the College by way of Tuition fees, miscellaneous receipts etc. amounted to Rs. 3,48,643.29 approximately as against Rs. 3,31,615.00 for the previous year.

RESULTS

INDOOR PATIENTS

Schedule bed strength	..	..	..	..	..	713
Daily average No. of patients	..	..	..	..	..	879.01
Total No. of inpatients treated	..	..	..	..	..	35792
Total No. of patients discharged including 892 patients brought from the previous year	..	..	..	..	..	33939
Total No. of deaths	..	..	..	..	..	1890
Total number of operations performed	..	..	..	..	..	11801
Total number of P. M. done	..	..	..	..	..	769

OUTDOOR PATIENTS

Total No. of outpatients attendance	..	..	..	..	..	848014
Daily average New O. P. D. attendance	..	..	..	..	..	912.87
Total No. of casualty attendance (Medico-legal)	..	..	..	..	..	11900
Daily O. P. D. attendance Old and New	..	..	..	..	..	2780.37
No. of operations performed on Out-patients	..	..	..	..	..	..

DEFICIENCIES

Many deficiencies are experienced by these Institutions because of unforeseen difficulties which impede the implementation of the expansion programmes chalked out for better medical care and smooth running.

EXPANSION SCHEME

The land adjoining Nair Hospital has been acquired by the Bombay Municipal Corporation and construction of Buildings to houses the Nurses, Medical Staff, Nurses School, O. T. and P. T. Department and 300 bedded new hospital building, are in progress. Construction work for a Modern Hospital kitchen and a Mortuary block are in progress.

The foundation stone for construction of a 200 bedded Cancer Research Institute to be equipped with modern equipment and facilities has been laid next to the Nair Dental College. Plans are being finalised and the work on the same will start shortly.

**BAI YAMUNABAI L. NAIR CHARITABLE HOSPITAL AND
TOPIWALA NATIONAL MEDICAL COLLEGE
BOMBAY-8**

Bai Yamunabai L. Nair Charitable Hospital and Topiwala National Medical College continued in rendering Medical Relief to the sick and the college imparting Medical Education to the Student. The hospital has a bed strength of 713 beds.

DEAN

Dr. M. S. Kekre, M.B.B.S., M.Sc. (Med.), held the post of Dean during the year.

Dr. K. K. Gulati, B.Sc. (Hons.), M.B.B.S., D.A.C.P.S., D.A., C.I.W., D.P.H., F.R.I. P.H.H. (Lond), held the post of Asstt. Dean from 3-6-1974.

Dr. (Smt.) P. G. Hiranandani, M.B.B.S., held the post of Asst. Medical Officer during the year.

INPATIENT DIVISION

The total number of patients admitted during the year was 35792 against 38214 and 34855 during the year 1973 and 1972 respectively.

On an average, the daily number of inpatients was 879.01 as against a schedule bed strength of 713.

The highest number of in-patients on a Single day was 1032 and highest number of admission on a Single day was 168.

RESULT OF INDOOR PATIENTS TREATED

Out of total number of 36684 inpatients including 892 brought from the previous year's balance, 33939 were discharged, 1890 died leaving a balance of 855 patients at the end of the year.

DEATH CLASSIFIED

Out of 1890 deaths 637 were within first 24 hours of admission 274 were after 24 hours but within 72 hours of admission and the remaining 979 died after a period exceeding 3 days from admission.

POST-MORTEM

769 Autopsies performed during the year 1974 as compared to 629 for the year 1973.

CONFINEMENT

During the year under report the number of confinement was 3068.

OPERATIONS

11,801 operations were performed on inpatients.

OUT-PATIENT DEPARTMENT

The total number of O. P. D. attendance including Casualty patients during the year was 8,48,014, as against 11,40,480 for the year 1973 giving a daily average of 2780.37 against 3739.28 for the previous year.

The highest number of attendance on any one day was 3,901 as against 5,512 for the previous year. The highest number of new and old cases on a Single day was 1,401 and 2,819 respectively.

MEDICO LEGAL CASES

During the year under report the Resident Medical Officers attended the following courts for giving evidence in the Medico-legal cases.

1. Presidency Magistrate's court	..	..	..	..	286
2. Session Court	..	..	..	..	28
3. Motor Accident Tribunal	..	..	..	..	64
4. Coroner's Court	..	..	..	..	..
5. Other Courts	..	..	..	..	14

During the year approximately 515 depositions were filled in the Coroner's court.

MEDICAL CERTIFICATES

1. Under Workmen's compensation Act	..	..	..	62
2. Medical Opinion Certificate	..	..	..	4700
3. Injury certificate to Police (Free)	..	..	..	1051
4. Injury certificate to patient's in Medico-legal cases	..	..	..	130
5. Certificate to Municipal employees for injury leave	..	..	..	85
6. Certificate for insurance purposes	..	..	..	16
7. Essentiality certificate	..	..	..	42
8. Accident insurance certificate	..	..	..	2

DEPARTMENT OF MEDICINE

Department of Medicine, consisting of six Medical units, two full-time units and four units under the Honorary Professor carried out its clinical teaching and research work during the year in various sections, viz. Cardiology, Gastroenterology, Neurology etc.

In addition to this certain specialised clinics like Renal, Diabetic and Rheumatic are conducted regularly. Research work is carried out by various staff members.

DR. V. V. SHANBHAG

Publications by Dr. V. R. Joshi :

1. Utility of Scalene node biopsy in the diagnosis of Pleuro-Pericardial Tuberculosis : Jour. Association of Physicians of India : Vol. 22-805-807, 1974.
2. Study of Hypersplenism using radioactive isotope Techniques : Paper read at API. Conference, Bangalore, 1975.

DR. L. R. PATEL

Total No. of Admissions	..	..	..	..	1342
Total O. P. D. attendance (new cases only)	..	..	..	..	12529
Every O. P. D. day, we have treated more than 500 patients including follow up cases.					
Total Mortality	..	..	..	..	149
Total No. of Tetanus admissions	..	..	..	..	74
Total Mortality of Tetanus Patients	..	..	..	..	11

DEPARTMENT OF SURGERY

Department of Surgery consists of 6 units in General Surgery (3) full time units and (3) units under Hon. Professors, Asst. Professors. In addition, certain number of beds are also reserved for specialities in Cardio-vascular Surgery, Thoracic Surgery, Urology, Nephrology, Genitourinary, Gastro-enterology and Plastic Surgery.

F. T. Unit I—

Papers presented at various conferences and published as well as other details are as under :—

1. Certificate of Registration of a claim to Copyright in a published book manufactured in U. S. A. for the title : " Evaluation of a Double Leaflet Prosthetic Claimant : Dr. B. R. Kalke. Author-Dr. B. R. Kalke. Registration No. A-516873. Date of Publication of this edition, I. M. A., Bombay Branch.

2. Paper presented at the IVth Annual Conference of I. M. A., Bombay Branch on March 31, 1974 on ' Evaluation of a New Heart Valve '. Letter of thanks dated 3-4-1974 from the Secretary, I. M. A., Bombay Branch.

3. Publication by Kalke B. R. : " Special Surgical Problems of Diabetic Patients ", " The Journal of " Christian Medical Association " Vol. XLIX, No. 3, pp. 121-125, March 1974.

4. Following two papers presented at the Joint Conference of Cardiologists of India and Thoracic Section of Association of Surgeons of India held on 11, 12, 13th October 1974 :—

(i) Evolution of Cardiac Valves.

(ii) Tumours of the Heart—A Pathological Study.

5. Co-author of a paper presented at the Joint Conference of Cardiological Society of India and Thoracic Section of Association of Surgeons of India held on 11, 12, 13th October 1975:—

“Atrial Septal Defect—A Review of 150 cases” (The authors of the papers Drs. J. M. Desai R. L. Shah, C. B. Dhabuwalla, J. R. Manekshaw, B. R. Kalke and K. N. Dastur).

6. Co-Chairman at the Session (Session 11th) on ‘Vascular Disease’ at the Joint Conference of Cardiological Society of India and Thoracic Section of Association of Surgeons of India held on 11, 12, 13th October 1974.

7. Presented a paper on 24-9-1974 at 83rd Quarterly Meeting of the Staff Society of Nair Hospital and T. N. M. College—“Evaluation of Cotton Prosthetic grafts over Thoracic Aorta in Dogs”.

8. Presented a paper at the Asian Society of Colo-Rectal Surgery (First Triennial Conference, under the auspices of University of Bombay) on:—“A New Approach to Complete Rectal Prolapse”, (A New Surgical Operation for Complete Prolapse of the Rectum was described by me and was very well accepted).

9. Co-Chairman with Dr. J. Ramirez Duenas, Ecuador, at one of the Sessions at the Asian Society of Colo-Rectal Surgery (First Triennial Conference under the auspices of University of Bombay)—held on 17th, 18th 19th January 1975, at Bombay.

10. Presented a paper at the 85th Quarterly Meeting of the Staff Society of B. Y. L. Nair Charitable Hospital and T. N. M. College on March 14, 1975 on:—“Closed or Non-penetrating Wounds of the Abdomen”.

The following papers are being sent for publications :

1. Gastro-jejuno-cutaneous Fistula—A Complication of Anastomotic Ulcer, following Gastro-jejunostomy without Vagotomy—A Case Report”.
2. Extensive Involvement of large Intestine by Crohn’s Disease (Regional ileitis) complicated by development of Adenocarcinoma.

OPERATIVE WORK DONE

Exploratory laparotomy:—

Routine (for Koch’s abdomen etc.)	13
Emergency (for perforations, intest. Obstruction, ruptured liver abscess etc.) ..	34
Appendectomy (Acute, subacute, chronic)	42

G. I. tract:—

Anastomosis, resections	26
Splenectomies	2
Porto canal anastomosis	3
Thoracico-jugular anastomosis	1
Hepatomiliary (choleoptectomies)	6

Genito-urinary:—

Prostate, calculi, urethral, bladder (Kidney)	47
Mastectomies (Single and radical)	3
Thoracotomy (decortication; mediastinal mass)	6
Hernias (Routine, obstructed (rarer types)	39

Stab wounds (abdominal plus chest)

12

Limb Amputations:—

6

Miscellaneous:—

Sympathectomies, varicose (vein slugging)	7
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Arterial vein graftings:—

3

Thyroid	5
Parathyroid	1
Amputation of penis (Partial and total)	7

Minor Operations:—

Abscesses, CLWs, suturing, biopsies, dilatations, scopies, mealdomes, hydrocele, piles, fistula, fissures, skin grafting	579
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Total Operations .. 812

Dr. Y. R. Kher—F. T. UNIT II.

The details of operations performed and publications :—

1. Patient Care :—

Total No. of admissions	..	..	..	..	..	1271
Total No. of operations	..	..	..	..	..	704

2. Publications :—**(a) An appraisal of fulminant hepatic failure :—**

A clinical and Pathological study by Dr. D. R. Trivedi, Asstt. Prof. of Surgery,—Journal of Indian Medical Association, 1974.

(b) Accepted for Publication :—

1. Nephrocolic fistula: A case report by Dr. Y. R. Kher Prof. of Surgery,—Indian Journal of Surgery.
2. Primary adinocarcinoma of renal pelvis by Dr. P. G. Kale—Asstt. Prof. of Surgery—Indian Journal of Surgery.

(c) Under preparation :—

1. Cardiac Perforation due to Blunt chest trauma: A case report by Dr. Y. R. Kher.
2. Haemangioma of caecum L, A case report by Dr. P. G. Kale.

3. Research Projects :—

The following projects are being carried out under the auspices of Research Society of B. Y. L. Nair Charitable Hospital and T. N. Medical College.

1. Role of Amino-acid (Hermin) in cirrhosis of Liver by Dr. Y. R. Kher—financed by M/s. Alembic Chemical Works Co. Ltd.
2. Comparative clinical study with Ponstan & Acetylsalicylic acid in Post-operative patients by Dr. Y. R. Kher—financed by Parke-Davis Co.

DEPARTMENT OF OBST. AND GYNAECOLOGY

The Department of Gynaecology and obst. consists of 3 units; one full time and two units under Hon. Prof. and Asstt. Profs. Each units functions twice a week from 8.00 a. m. to 10.30 a. m.

Research Work—Project under study.

- | | | |
|--------------------------|----|---|
| Dr. E. J. Sequeira | .. | Colposcopy. |
| Dr. (Miss) Domadia M. M. | .. | (1) Vaginal cytology.
(2) Urinary hormonal assays in complicated pregnancy.
(3) Menstrual regulation
(4) Follow up study of M. T. P. cases to find out "sequelae of M. T. P."
(5) 1st & 2nd trimester terminations. |
| Dr. S. S. Thakur | .. | (1) H.C.G. and H.C.S. in saline induced abortion.
(2) Gonadotrophin Hormones in lactational amenorrhoea.
(3) FSH and LH HCG during and after labour. |
| Dr. (Mrs.) Merchant | .. | (1) Working on B. P. norms in normal.
(2) Working on conservative treatment of tubal pregnancy
(3) Working on surgical correction of nulliparous prolapse by modified Shirodkar's Technique. |
| Dr. (Mrs.) S. K. Shah | .. | (1) Finalized the work done on norm of blood pressure study in pregnant women. |

Publications

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|--------------------------|----|--|
| Dr. (Miss) Domadia M. M. | .. | (1) Carcinoma of cervix with pregnancy J. of Obst. & Gyn. of India Oct. 1974.
(2) Role of vaginal cytology for early detection of cancer.
(3) Urinary hormonal assays in placental dysfunction. 283 published in proceedings of 6th Asian Congress in Obst. & Gyn. |
|--------------------------|----|--|

Accepted for publications J. of Obst. and Gyn.

- (1) "Locked Twins".
 (2) Carcinoma of splenic flexure with pregnancy.
- Dr. S. S. Thakur .. (1) Maxogin in Trichomoniasis Antiseptic Sept. 1974.
 (2) Vacuum Extraction. Jour. of Obst. & Gyn. Federation of Obst. & Gyn. December 1974.
 (3) Abnormal Uterine Bleeding in women after age of 40 current.
- Dr. M. Y. Raval .. (1) Naegle's pelvis—a case report appeared in Aug. issue of Bombay Hospital. January 1974.
 (2) Initial experience with vacuum extractor written with Dr. Dharia appeared in July issue of Current Medical review 1974.
 (3) Leiomyosarcoma a case report appeared in July issue of current medical review 1974.

Conferences attended

- Dr. (Miss) Domadia M. M. .. (1) Deputed to attend the 6th Asian Congress in Obst. & Gyn. held at Kuala Lumpur from 20th to 27th July 1974.
 Have presented papers on :—
 (a) Role of vaginal cytology for early detection of cancer.
 (b) Hormonal assays in placental dysfunction.
 (2) Attended 18th All India Obst. & Gyn. Conference at Manipal in Dec. 1974 presented following papers :
 (a) Hazards of first trimester terminations.
 (b) Hazards of second trimester terminations.
 (3) Attended 1st Family Planning Conference at Bombay in Dec. 74. Presented paper on :
 (a) Review of 1st trimester terminations.
- Dr. S. S. Thakur .. (1) Attended 17th All India Obst. & Gyn. Conference Read a paper in Agra Conferences :
 Abnormal Uterine bleeding after age of 40 years
 (2) Study tour: University of Kiel West Germany Laparoscopies, Hysteroscopies.
 American University in Beirut Oncology.
 (3) Attended International College of Surgeons conference in Madras Oct. 1974.
 (4) Manipal Conference 18th All India & Obst. & Gyn. Federation. Paper on Termination of pregnancy.
- Dr. (Mrs.) Merchant .. (1) Attended 20th British Congress of Obst. & Gyn. London, July 1974.
 (2) Undertook study tour of various Gyn. & Obst. Centres in U. S. A., New-York, Boston, Chicago, Los Angeles, May-June 1974.
- Dr. M. Y. Raval .. (1) 17th All India Congress in Obst. & Gynaecology at Agra.
 Read a paper on Pregnancy and tuberculosis at 17th All India congress in Obst. & Gyn. at Agra 1974.
 (2) 18th All India Congress in Obst. & Gyn. at Manipal. Transurethral inversion of the bladder read at 18th All India Obstetrics and Gynaecology Conference.
- Dr. N. S. Munshi .. Paper read—17th All India Obst. & Gyn. (Agra) Tuberculosis in Pregnancy, March 1974.

Department of Paediatrics.

The activities of the dept. are as follows :—

- (1) Indoor service.
- (2) Daily out-patients service.
- (3) Complete care of the new borns.
- (4) Child welfare Centre.
- (5) Child Guidance Clinic.
- (6) Diagnostic Centre.
- (7) School Clinic.
- (8) Premature and Newborn Clinic.
- (9) Special care Clinic.
- (10) Research Projects.
- (11) Weekly Death Conference.
- (12) Paediatric Conference of all the Paediatricians of City once a week, (once a month by rotation at our hospital).
- (13) Regular Training programmes for :—
 - (a) Undergraduates.
 - (b) Postgraduates.
 - (c) Residents and Interns.

(1) Indoor :—(Ward 15)

Total admissions	..	4,530
Total Deaths	..	450

(2) O. P. D. Attendance :—

New Cases	..	31,503
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(3) Neonatal Ward :—(Ward 7)

Total Deliveries	..	3,035
Well babies	..	2,358
Premature	..	247
Light for date	..	294
Post-Mature	..	18
Full Term Deaths	..	12
Deaths in Premature and light for date	..	174
Still Births	..	118

(4) Child Welfare Centre :—

(a) Total Registered	2,954
(b) Milk distribution	150 babies daily.

(c) Immunization :—

	1st dose	2nd dose	3rd dose	Booster
Triple	400	200	120	88
Polio	538	312	212	123
(d) Home visits	604			
(e) Nutritional Classes	120			

(5) Child Guidance Clinic :—

New Cases	..	322	(Is now being run every day. Three of the staff members from the Paediatric department put in attendance at 4 sessions per week).
Old Cases	..	238	
Total	..	560	

(6) School Health Clinic :—

New Cases	..	1,553
Old Cases	..	12,835
Total	..	14,388

(7) Diagnostic Centre :—

New Cases	..	247
Old Cases	..	1,554
Total	..	1,801

(8) Pre mature and New born Clinic :—

This clinic has been started in the regular Fed. O. P. D. between 11.30 a.m. and 1.00 p.m. from 10-10-1974. The initial response is encouraging.

(9) Special Care Clinic :—

This Clinic has been started from 10-10-1974 in the regular Fed. O. P. D. to look after babies in need of special care. The attendance of the Clinic has shown a steady rise.

(10) Research Projects :—

The departmental activity includes regular research programmes. Some of these at present on hand, being :—

- (a) Dermatoglyphics.
- (b) Detection of T. B. in malnourished babies.
- (c) Factors modifying B. C. G. reaction.
- (d) Neonatal rickets.
- (e) Correlation of serum proteins in mothers and babies.

Publications :—

- (1) Behaviour problems in children : Paediatric Clinics of India, Vol. 9, No. 1, P. 17-20, January 1974.
- (2) Advances in Therapeutics in Paediatric disorders : Bull. of I. M. A. (Bom.), Vol. 3, No. 3, P. 107-110, March 1974.
- (3) Mortality in Diphtheria : Paediatric Clinics of India, Vol. 9, No. 2, P. 77-80, April 1974.
- (4) Congenital Malformations in Newborn : Indian Paediatrics, Vol. 11, No. 6, P. 403-407, June 1974.
- (5) Poliomyelitis in City of Bombay : Paediatric Clinics of India, Vol. 9, No. 3, P. 103-106, July 1974.
- (6) Experience with Trichlocal in Paediatric Practice : The Bombay Hospital Journal, Vol. 16, No. 4, P. 53-57, October 1974.
- (7) Thanatophoric Dwarfism-Case Report : Indian Paediatrics, Vol. 11, No. 12, P. 825-827, December 1974.
- (8) Immunization in Children : A guide to parents.

Papers Presented :—

- (A) At the International Symposium on D. P. T. (Bom.). (As a part of the Platinum Jubilee Celebration of the Haffkine Institute) : Age profile of Diphtheria in Children.
- (B) At the XIVth International Congress of Paediatrics at Buenos Aires, Argentina :—
 - (1) Autopsy studies in the Newborn—A study of 390 cases.
 - (2) Age profile of Diphtheria in children.
- (C) At the XIth National Conference of the Indian Academy of Paediatrics, Kanpur :—
 - (1) Psychosomatic disorders in children.
 - (2) A study of morbidity and mortality in babies born by Caesarian section.
 - (3) Autopsy studies in the Newborn—A study of 390 cases.
 - (4) Congenital malformations in Newborns.
 - (5) Study of contacts of Tubercular children (Dr. R. D. Potdar) was awarded the James Flett Endowment Award Gold Medal for his presentation of this paper.

Department of Dermatology and Venereology**Attendance at O. P. D.—****(A)—Infections :—**

	New	Old
(a) Skin Infections ..	20,916	9,566
(b) V. D. Cases ..	4,154	3,002
(c) Total Infection (Including V. D. & Lep.) ..	25,070	12,558
(d) Non-infections ..	5,347	4,995
(e) Ratio of infection-non-infections	4 : 5 : 1	
(f) Maximum attendance on one day	730	
(g) Grand total of the year ..	47,981	
Grand total during the year 1973	37,350	

II.—Inpatients :—

III.—Investigations :—

	Total	Abnormal findings
(i) Biopsies ..	139	
(ii) Dark Ground Illumination ..	537	142
(iii) V. D. R. L. ..	2,890	858
(iv) Smears for Gonococci ..	374	352
(v) Smears for Donovan Bodies ..	52	18
(vi) Smears for Lepra-Bacilli ..	32	23
(vii) Scales for Fungus ..	1,243	568
(viii) Blood Counts ..	387	53
(ix) Urine ..	428	184
(x) Stool ..	65	15
(xi) E. S. R. ..	76	48

IV.—Photographs :—

76

V.—Therapy :—

(1) Superficial X-Ray ..	13
(2) Electro Dessication ..	105
(3) Chemical Cautery ..	94
(4) Podophyllin Application ..	112
(5) Intralesional Hydrocortisone ..	24

VI.—Medical Education

Lectures and Clinics as before.

VII.—Medical Research :—

- (1) Teenage V. D.
- (2) Dermajet treatment for various Dermatoses.
- (3) Skin manifestations of Rheumatoid Arthritis.
- (4) Thiabendazole Cream for Superficial Mycosis.

Department of Anaesthesiology

A total number of 12,331 anaesthetics were administered excluding those under local anaesthesia. Twenty-five calls for respiratory insufficiency were attended to from various wards. Out of these 10,618 were under general anaesthesia and 1,638 under regional. A standby anaesthetist was at hand for 400 cases of scopies for the Gastroenterology department. About 75 cases of General anaesthesia was administered in the radiology department.

Total number of tables working at present at the Nair Hospital.

Cardiac ..	1
General Surgery ..	4
Neuro-surgery ..	4
Emergency ..	1
E. N. T. ..	3
Orthopaedic ..	2
Gynaec ..	3
Radiology ..	1
Ophthalmic ..	1
E. C. T. A's ..	1

Number of tables managed by our residents outside, Nair Hospital.

Bhajekar ..	1 or 2
Rajawadi ..	1 (Total 3 tables).
E. N. T. (Fort) ..	1 (Total 2 tables).
Borivli ..	2 tables (Entirely manned by us).

Number of operations from 1st January to 31st December 1974.

	Routine		Emergency	
	Major	Minor	Major	Minor
General Surgery ..	1,051	1,088	398	753
Cardiac ..	95	..	..	..
Neuro ..	143	..	..	..
Gyn. and Obst. ..	320	999	120	295
Orthopedic ..	403	201	140	363
E. N. T. ..	281	1,050	7	19
E. C. T.'s ..	3,545	..	..	..
Ophthalmic ..	87	43	2	..
Bhajekar ..	838	(Spinal) General Anaes.—2.		

Most of the theatres did not carry out routine work at various periods because of the Railway strike, painting of theatres, linen shortage and rains.

The following papers were read at the annual conference of the Indian Society of Anaesthetists held at Lucknow in December 1974.

1. Regional relaxant test for myasthenia Gravis—Dr. (Mrs.) Divekar.
2. Lactic Acid changes under anaesthesia—Dr. (Mrs.) Divekar.
3. Anaesthesia for Coronary Bypass Surgery—Dr. J. S. Anand.
4. Clinical trials with Althesin—Dr. I. P. Kavadia.
5. Fructose—Mannitol in Osmotic Dehydration—Dr. D. P. Bajani.
6. Use of Althesin in E. C. T.'s—Dr. I. P. Kavadia.
7. Use of indigenous double cuffed tourniquet for regional analgesia—Dr. Bhawe—Designed by Dr. (Mrs.) V. M. Divekar.
8. Acholest Strip test for estimating Pseudocholinesterase—Dr. (Mrs.) V. M. Divekar.

Department of Psychiatric

Department of Psychiatry consists of one unit. It has carried out undergraduate, internship and post-graduate training programme and research work during the year 1974.

(a) Research Projects undertaking.

- (i) Psychological and clinical study of medical termination of pregnancy.
- (ii) Sexual and psychological impact of female surgical contraception.

(b) Papers read.

- (i) Psychological and clinical study of medical termination of pregnancy.
- (ii) Sexual and psychological impact of female surgical contraception.

(Both papers read at 22nd International Conference of maternal mortality and family planning).

- (c) Report of child guidance clinic is attached with paediatric departmental report.
- (d) Indoor workload has steadily gone up year after year from 98 patients in 1968 to 268 patients, inspite of long strike period.

(e) Outdoor work has practically doubled up :

	E. C. T.	C. S.	Psychotherapy	New Cases
1971	4963	4818	18315	2433
1972	5686	5132	21479	2797
1973	7873	5562	45852	2778
1974	8841	2465	30610	3040

Department of Cardiac surgery.

During the year beginning with 1-1-1974 and ending at 31-12-1974, 112 patients were admitted under Cardiac Surgery. 82 operations were performed out of which 52 were Closed Heart cases while 30 were Open heart surgery cases.

Sarners Heart Lung machine was brought during the year. Technique of proformed hypothermia was used in some cases while hypothermia was used as a rule in all open heart cases.

New Intensive post operative cardiac case unit was started which has 4 beds.

Publications

Two papers were read in joint conference of Cardiology Society and thoracic surgery this year one on Surgery for Mitral stenosis and another on our experience in 150 cases of A. S. D.

Statement showing the number of Vector-cardiogram taken during the year of 1974 according to diseasewise.

Diseases							Total
1	RBBB	..	..	..	..	..	16
2	LBBB	..	..	..	..	..	6
3	W. P. W. Syndrome	..	..	..	..	..	4
4	Ant. Hemiblock	..	..	..	..	..	7
5	L. S. D. B.	..	..	..	..	..	9
6	Normal	..	..	..	..	..	6
7	Fallot's Tetralogy	..	..	..	..	..	1
8	Myo. Infarction	..	..	..	..	..	18
9	Cong. Heart Disease	..	..	..	..	..	2
10	Mitral Stenosis	..	..	..	..	..	11
11	L. V. F.	..	..	..	..	..	1
12	Dextro-cardia	..	..	..	..	..	2
13	Cardiomyopathi	..	..	..	..	..	2
Total							87
Phonocardiogram							33
Blood Sample (Oximeter)							7
Number of Cardiac Catheterization							17

Statement showing the number of electro-cardiograms taken during the year 1974 according to disease wise.

Diseases							Total
1	Coronary Thrombosis	..	..	..	..	..	995
2	Hypertension	..	..	..	..	..	481
3	Mitral Diseases	..	..	..	..	..	445
4	Auricular Fibrillation	..	..	..	..	..	91
5	C. C. Failure	..	..	..	..	..	98
6	Cor-Pulmonale	..	..	..	..	..	210
7	Angina Pectoris	..	..	..	..	..	120
8	Aortic Stenosis	..	..	..	..	..	91
9	Rheumatic Disease..	..	..	..	..	..	95
10	Anaemia	..	..	..	..	..	63
11	Myocarditis	..	..	..	..	..	24
12	Pericarditis	..	..	..	..	..	25
13	A. S. D.	..	..	..	..	..	48
14	V. S. D.	..	..	..	..	..	72
15	P. D. A.	..	..	..	..	..	17
16	Fallot's Tetralogy	..	..	..	..	..	20
17	Heart Block	..	..	..	..	..	246
18	Diabetes	..	..	..	..	..	230
19	Pulmonary Stenosis	..	..	..	..	..	13
20	I. H. D.	..	..	..	..	..	227
21	Normal	..	..	..	..	..	3782
22	Pain in chest	..	..	..	..	..	220
23	Miscellaneous	..	..	..	..	..	3154
24	W. P. W. Syndrome	..	..	..	..	..	10
25	Dextrocardia	..	..	..	..	..	8
Total							10785

Department of Paediatric Surgery.

The Department of Paediatric Surgery was started in the month of January 1974. The out-patient department was started in the month of October 1974. It is held twice a week on Tuesdays and Fridays from 11-30 a. m. in O. P. D. No. 9 A. Approx. 9 to 10 cases attend the O. P. D. During the year 1974. 352 patients were admitted and 191 operations were done.

Department of Gastroentology

Total No. of patients—Outdoor	..	620
Indoor	..	296
Follow-up	..	2112

Routine Investigations :—

Blood	..	..	..	..	..	..	952
Urine	..	..	..	..	..	..	426
Stool	..	..	..	..	..	..	524

Biochemical Investigations :—

Sugar	162
Urea	149
Glucose Tolerance Test	12
Liver Functions Test	66
Bilirubin	18
Alkaline phosphatase	22
Serum Proteins	144
Thymol Turbidity	66
Serum cholestrol	58
S. G. O. T.	51
S. G. P. T.	51
Prothrombin time and Index	16
Bromsulphathelin test	44
Augmented Histanine Test	290

Special Investigations :—

Sigmoidoscopy	266
Gastroscopy	27
Peritoneoscopy	45
Peritoneoscopy Cholecystography .. .. .	..
Gastric Biopsy	139
Jejunal Biopsy	33
Liver Biopsy	17
Colon Biopsy	23
Oesophageal biopsy	3

Absorption Test :—

Faecal Fat	96
D Xylose excretion	79
Co 12 B 58 Absorption	125
Bile collection	30

Publications During 1974.

- (1) Desai H. G., Intestinal disaccharidases. *J. Asso. Physicians of India* ; 22, 918, 1974.
- (2) Antia F. P. & Desai H. G. : Colonic diverticula & Dietary fibre. *Lancet* 1, 814, 1974.
- (3) Antia F. P. & Desai H. G. : Acute Gastroenteritis or tropical sprue. *J. Ass. Phy. of India.* 22, 395, 1974.
- (4) Desai H. G., Venugopalan & Antia F. P. : Effect of Supramaximal doses of stimuli on deoxyribonucleic acid content of gastric aspirate. *In. J. Med. Res.* 62, 1354, 1974.

Department of Gastroenterology (Surgical)

A.—Total No. of patients attended by the G. E. S. S. Department	400
Daily attendance	40 to 50

B.—Investigations :—

1. Ba Study	102
2. M. H. T.	22
3. Oral cholecystography	8
4. P. C. cholecystography	7
5. Liver scan	16
6. Hypotonic duodenography	5
7. Aortography	4

C. Scopies :—

1. Oesophagoscopy	3
2. Gastroscopy	5
3. Sigmoidoscopy	15
4. Peritoneoscopy	1

D.—Operations :—

1. Vagotomy and Ant. G. Jejunostomy	..	..	..	39
2. Exploratory laparotomy :				26
Koch's abdomen	..	..	..	8
Ca G. I. Tract	..	..	..	6
Peptic perforation	..	..	..	2
Typhoid perforation	..	..	..	2
Others	..	..	..	52
Appendix	..	..	..	9
Miscellaneous	..	..	..	6
3. Cholecystectomy	..	..	..	3
4. Graham's operation	..	..	..	4
5. Thiersch's operation	..	..	..	3
6. Splenectomy	..	..	..	7
7. Repair ventral hernia	..	..	..	48
8. Routine & Obstructed Hernia	..	..	..	1
9. Gastrostomy	..	..	..	Nil
10. Operation for Hydatid cyst	..	..	..	1
11. Operation for imperforate anus	..	..	..	5
12. Oesophageal dilatation	..	..	..	1
13. Intussusception	..	..	..	3
14. Miscellaneous G. I. Tract operation	..	..	..

E.—Interesting cases :—

1. Malrotation of gut with obstruction	..	..	..	1
2. Pseudopancreatic cyst	..	..	..	1
3. Chronic calculous pancreatitis	..	..	..	1
4. Chyluria	..	..	..	1
5. Pseudomyxoma peritonei	..	..	..	1
6. Perforation second part of Duodenum	..	..	..	1
7. Pyloroduodenal T. B.	..	..	..	3

Dr. J. S. Shah has been elected as Governor for India for one year by American College of Gastroenterology.

Department of Neurology.

The O. P. D. functions on Tuesdays and Thursdays from 11-00 a. m. to 2-00 p. m.

Case Work Load—

New Cases	..	..	..	..	..	..	473
Referred Cases	..	..	..	..	..	..	200
Follow up	..	..	..	..	..	..	562
Admissions	..	..	..	..	..	..	112

Special Procedure etc.—

Angiography	..	..	..	..	..	..	55
P. E. G.	..	..	..	..	..	..	20
Myelography	..	..	..	..	..	..	9
E. E. G.	..	..	..	..	..	..	660

Visits.—

Dr. P. M. Dalal attended the International Neurology Conference and presented a paper and also attended the Annual Conference of the Neurology Society of India at Vellore and presented a paper.

Dr. V. R. Joshi attended the Annual Conference of the Neurology Society of India at Vellore.

Purchases.—

Neuro-radiological Apparatus & EMG unit has been received.

Special Projects.—

Two Research Projects financed by NIH, USA, under PL-480 funds entitled "Collaborative Neurological Investigations of Cerebrovascular Diseases under Dr. P. M. Dalal, Hon. Prof. of Neurology and "Comparative Study of Intracranial Cerebral Atherosclerosis under Dr. S. C. Sheth, Emeritus Prof. in Medicine" have been further continued for the fourth year.

Department of Plastic Surgery

The O. P. D. is conducted every Wednesday and Friday and total of 393 cases were seen. In addition on an average 30-35 patients are seen every week for follow up treatment. Full documentation and records are maintained of all cases.

During the year, 250 cases were admitted for operation and 286 Plastic Surgery Operations were performed.

Department of Neuro-Surgery

1. Out patient attendance	New patients	..	..	..	285
	Follow up	..	..	..	313
2. Indoor admissions	Males	..	..	..	180
	Females	..	..	..	42
3. Investigations	Angiography	..	..	..	171
	Pneumoencephalography	..	..	..	26
	Ventriculography	Conray	1
		Air	18
		Myodil	32
	Myelography	Cysternal	3
Lumbar		..	..	..	20
4. Operations	Head	..	..	..	153
	Spine	..	..	..	56
5. Publications		..	..	..	2

Thyroid Clinic

Total 1093 patients attended the thyroid clinic and were investigated. Besides this certain other special investigations were also carried out on patients referred from B. Y. L. Nair Ch. Hospital. The details are given in table below :—

No.	Investigations	Total No.
1	Radioiodine uptake studies	327
2	PBI 131	320
3	T3 Charcoal uptake	354
4	Thyroid Scans	324
5	Serum Cholesterol	419
6	Serum Thyroxine Estimations	226
7	Radio-Iodine Therapy	17
8	Liver Scans	120
9	Spleen Scans	3
10	Blood Volume Studies	53
11	Renography	25
12	Co 58 Vitamin B12 Studies	125
Biochemical Investigations		
1	Serum Proteins	111
2	S. G. O. T.	142
3	S. G. P. T.	142
4	Serum Uric Acid	58
5	Serum Creatinine	58
6	Serum Alkaline Phosphatase	84
7	Serum Electrophoresis	15
8	Packed cell Volume	137
9	Haemoglobin	195
10	Semen Analysis, Morphological and Biochemical	124

Diabetic Clinic.

Diabetic Clinic was started in this hospital in December 1971. Diabetic clinic is conducted every Thursday from 8.30 a. m. to 4.00 p. m. New cases are seen in the morning from 8-30 a. m. to 12.00 noon. Old cases are seen in the afternoon from 1.00 p. m. onwards. Old patients are reviewed every 6 months. So far 1000 patients have been registered in our diabetic clinic (Each year about 250 patients are registered).

Patients are educated regarding the diet, urine examination for sugar and complications of diabetes.

Dietitians help is sought to educate the patients regarding the diet. Preventive & Social Medicine Dept., looks after socio-economic problems and render assistance to patients.

Drugs are distributed by department of Medicine and Preventive & Social Medicine Department.

Renal Department

The Clinic is conducted on Wednesday & Saturday from 8.30 a. m. onwards.

This department registered 210 new patients during the year at the O. P. D., apart from this 188 patients were admitted in the hospital. From Out patient Clinic 450 patients were followed up.

Peritoneal dialysis was done on 35 patients for the period from July, 1974 till the end of reporting period. During the same time 57 patients were subjected for renal histological examination by renal biopsy. Clinical trial with a drug Doxycycline is in progress in the Dept.

During this period the planning of haemodialysis department is under way.

Department of Genito Urinary Service.

The clinic works on every Tuesdays from 11-30 a. m. onwards.

During the year 1974, 145 patients were admitted as Indoor patients. 236 New and 512 old cases were treated at the O. P. D. 108 operations were performed during the year 1974.

Department of Tuberculosis

The approximate O. P. D. attendance is 500 to 550 patients per outdoor day. 818 patients were admitted during 1974. The O. P. D. work load has steadily gone up year after year.

From 24-9-1974 a special O. P. D. has been started for Diabetic-Tuberculous patients in association with the Medical department. The patients from the Diabetic OPD and all other units, suffering from Diabetes associated with Tuberculosis, are taken up to this OPD for treatment and follow up. The diabetics with T. B. are given preference for admission in the T. B. wards and are kept there till diabetes is controlled, to the extent that they can take the outdoor treatment.

Following papers are still under study :—

- (1) Incidence of Pulmonary Tuberculosis in contacts of tuberculous patients.
- (2) Efficiency and toxic effects of 2nd line of drugs in ambulatory out-door patients.

These reports will be submitted in due-course of time.

FAMILY PLANNING

Return of the month of January to December 1974. Address of Clinic Dr. A. L. Nair Road, B. Y. L. Nair Hospital, Byculla, Bombay 8.

1. Persons contacted for F. P. Education .. .. .	.. .. .	12,118
2. No. of cases given advice .. .. .	.. .. .	181
3. No. of active cases following F. P. methods .. .. .	.. .. .	3,856
4. Clinic attendance .. .. .	.. .. .	3,01,491
5. No. of persons visited at Home for—		
(i) New contacts .. .. .	.. .. .	9,373
(ii) Follow-up .. .. .	.. .. .	275
Cost of contraceptives (in Rs.) supplied by the clinic.		
6. Free Condoms distributed .. .. .	.. .. .	42.90
7. At half = 2,451 .. .. .	.. .. .	..
8. At full rates M. T. P.= 389 .. .. .	.. .. .	10.40
9. Total .. .. .	.. .. .	53.30
Sterelization cases referred to hospitals—		
10. Male	Vasectomy	77
11. Female	T. L.	463
12. Total		540
(Nature of advice given :— Give No. of cases)		
	D + Y	2
13. Diaphragm and Jelly	J	..
14. Jelly along	S	..
15. Sheath	S. P.	..
16. Safe period	F. Tab.	..
17. Foam tablets.	C. + Tab.	..
18. Others (specify)	C. + J.	..
	IUCD	135
19. Total meeting	O. C. Pills	44
20. No. held		
21. No. of persons attended	Total	181

DEPARTMENT OF ENDOCRINOLOGY

Endocrine Clinic attendance: Monday and Friday 2.00 p.m. to 5.00 p.m.

New patients	..	241
Old patients	..	1,341
Total	..	1,582

Laboratory investigations carried out from April 1974 March 1975.

(1) Vaginal Smear	..	308	
(2) E. B.	..	27	
(3) P. C. T.	..	100	patients.
(4) Cex. Mucus	..	150	patients.
(5) Sex Chromation	..	60	
(6) Pregnancy Test	..	46	
(7) Seman Analysis	..	76	
(8) Seman Biochemistry	..	46	
(9) Maltase Activity	..	134	
(10) Fructose	..	134	
(10) Ascorbic Acid	..	134	
(12) Citric Acid	..	134	
(13) Liver Function Test	..	37	
(14) Lipid study cholesterol	..	41	
(15) Free Fatty Acids	..	37	
(16) Triglycerides	..	37	
(17) Esterified fatty Acid	..	37	
(18) Estrone	..	400	
(19) Fregnanediol	..	145	
(20) Serum Oxytocinase	..	130	
(21) 17 Ketosteroids	..	225	
(22) 17 KGS	..	220	
(23) Gonadotrophins	..	210	
(24) Plasma Cortisol	..	102	
(25) Testicular Tissue	..	36	
(26) Epididymal Tissue	..	15	
(27) Fallopin tubes	..	62	
(28) Blood Plasma for R. I. A. of PSH LH	..	230	

Animal Experiment after vasectomy (Biochemical and Histological) :—

(1) Acid Phosphatase	..	90
(2) Alkaline Phosphatase	..	90
(3) Glyceral Phosphorylcholine	..	90
(4) Succinic Dehydrogenase	..	110
(5) Sialic Acid	..	90
(6) Phospholipids	..	90
(7) Proteins	..	90

Animal House Performance :—

(1) Maintenance and Breeding of Rodents Colony.		
(2) Use of rats and mice for research in reproduction	..	120
(3) Use of rats and mice for research in Bioassays		
Rats	..	75
Mice.	..	1,500
(4) Animal supplied to other department		
Rats	..	200
Mice.	..	150
(5) Animal supplied to other Institutions for their reserach needs	..	Nil.

Teaching :—

- (1) Lectures to undergraduates on Reproductive Endocrinology.
- (2) Post Graduate lectures in reproduction for M. D. Physiology.
- (3) Recognised for Ph.D. in Animal Physiology by research.

Attendance at Conferences and papers presented by Dr. Shahani :—

- (1) Fifth Asia and Oceania Congress of " Endocrinology at Chandigarh. January 23, February 1st, 1974 presented 2 papers :—
 - (1) Gonadal Dysgenesis: A cytohormonal study.
 - (2) Changes in lipids and liver function tests after oral contraceptives.

DEPARTMENT OF RADIOLOGY

Serial No.	Investigations Carried out	Total No. of Patients
1	Cardiac Catheterisation	17
2	Arch Aortogram	9
3	Aortogram	22
4	Carotid Angiogram	265
5	Renal Angiogram	12
6	V. B. Angiogram	2
7	Spinal Angiogram	1
8	Femoral Angiogram	16
9	Porto-Venogram (Spleenogram)	23
10	Venacavogram	1
11	Ventriculogram	9
12	Myelogram	87
13	P. E. G.	51
14	Trigiminal Injection	2
15	Placentogram .. .. .	..
16	Bronchogram	26
17	Fistulogram	1
18	Sinusogram	19
19	Sialogram	2
20	Asc. Pyelogram	29
21	I. V. Cholangiogram	5
22	Oral Cholecystogram	63
23	Cysto Urethrogram	22
24	Mict. Cysto Urethrogram	8
25	Cystogram	10
26	Lymphangiogram	5
27	Hystero Salpingogram	33
28	Hypotonic Duodenogram	9
29	P. C. T. H.	2
30	T. Tube Cholangiogram	14
31	Operative Cholangiogram	1
32	Aminography .. .. .	..
33	Myodil Ventric	25
34	Tr. Lumbar Aortogram	11
35	Nephrostomy tube study .. .. .	..
36	Palatography	5
37	Ba. Meal	501
38	Ba. Swallow	193
39	Ba. Enema	129
40	Tomogram	29
41	Dactyo-Cystogram .. .. .	..
42	Retrograde Urethrogram .. .. .	..
43	Brachial Angiogram	1
44	Selective Coeliac Angiogram	3
45	Peri Renal Pneumography	3
46	J. K. Mehta's test .. .. .	..
47	Pleurogram .. .. .	..
48	Gynecogram	3
49	Asc. Urethrogram	10
50	Oral Cholangiography	6
51	Per cutaneous Cholangio .. .. .	..
52	Venogram	6
53	Fractional Cystogram	1
54	Cavitogram	12
55	Wash-Out Urography	10
55	Pneumo Peritonium	2
56	I. V. P.	237
57	Routine X-Rays	42,007
Total No. of patients X-Rayed during the year		43,960
Total No. of plates used		72,700

**RESEARCH WORK AND PUBLICATION CARRIED OUT BY X-RAY
DEPARTMENT DURING THE YEAR 1974.**

Analysis of aortic aneurysm done at this hospital.
Radiological features as seen in carotid angiogram in cases of head injury.
Hypotonic Duodenography.
Measurements of female pelvis in Indian women.

P. G. Students : Case Reports—

Role of Radiology in the post operative complications in the region of the C. N. S.

Hystero Salpingography.
Horse-shoe shape kidney
Duodenal stenosis.
Right supra renal tumour neuroblastoma.
Role of Radiology *i.e.* detection of intracranial and oculo-orbital neurofibromata.
Radiological diagnosis of peptic oesophagitis.
Carcinoma stomach.
Trichobezoar.
Case of secondary deposit from carcinoma of thyroid gland to femur.
Intestinal Tuberculosis.
Case of recurrent urinary calculi with hydronephrosis with fistula.
Translumbar aortogram.
Teratoma.
Bronchiectasis.
Hiatus hernia with eventration of diaphragm.
Mediastinal mass.
Thalamic glioma.
Polycystic kidney.
Meningio-sarcoma.
Wandering mesenteric artery.
Distomatomyelia.
Carcinoma oesophagus.
Lymphosarcoma.

**DEPARTMENT OF OPHTHALMOLOGY
(EYE BANK)**

1. 18 Keratoplasty operations were performed during the year 1974.

	Male	Female	M/ch	F/ch	Total
New Cases	.. 30	13	4	3	50
Admissions	.. 11	4	2	..	17
Operations	.. 12	4	2	..	18

Conference Attended :—

1. All India Ophth. Conference at Nagpur.
2. International College of Surgeons at Madras—by Dr. P. A. DIKSHIT.
3. All India Ophthalmic Conference at Nagpur Symposium on Eyelid Surgery and Ectropion by Dr. S. D. ADRIANWALA.

Papers Published and Read :—

1. Paper "E. R. G." and Clinical Ophthalmology read at I. C. S. conference at Madras by Dr. P. A. DIKSHIT.
2. Comparative study of Diamox, Glycerol, Manital on Intra ocular pressure by—by Dr. A. R. PATEL (In current Medical Practice).
3. "Ophthalmic manifestation in Rheumatoid arthritis" read in, All India Rheumatoid Conference at Bombay in November 1974.

DEPARTMENT OF OCCUPATIONAL THERAPY

The Department function from Monday to Saturday.

The work load of the department is as under :—

Total No. of patients for 1974 ..	..	..	..	..	5,266
Total No. of patients attendance ..	..	..	..	..	46,618
New patients (OPD) ..	..	..	..	..	1,294
New patients (Indoor) ..	..	..	..	..	1,318
Total No. of new patients ..	..	..	..	..	2,612

Student nurses from S. N. D. T. came for orientation lectures.

PHYSIO THERAPY DEPARTMENT

Total No. of patients attendance ..	..	..	..	..	61,560
New patients (O.P.D.) ..	..	..	..	..	2,366
New patients (Indoor) ..	..	..	..	..	1,774
Total No. of new patients ..	..	..	..	..	4,140

DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE

Services :—

(a) Comprehensive health care was given to the Municipal Sweeper Community of Arthur Road.

The schedule of services rendered was 3 time a week.

The record of clinic attendance for the period from January 1974 to December 1974 was as follows :—

Community	No. of Clinic Session held	No. of First Visits	No. of Revisits	Total
Arthur Road	190	15	2562	2677

In addition to follow-up care at the Clinics, a proportion of patients were referred to hospital outpatients departments for consultations and investigations.

(b) Home Medical Care :—

This was continued in 1974. In this year Physiotherapy was also continued.

The following is the record for 1974.

No. of patients carried forward from previous ..	..	..	..	..	4
No. of new patients enrolled in 1974 ..	..	..	..	..	10
No. of visiting days ..	..	..	..	..	125
No. of visiting days ..	..	..	..	..	680
Average No. of visits per visiting day ..	..	..	..	..	5.44

(c) Tuberculin-Testing and B. C. G. Vaccination :—

Tuberculin testing was carried out on 8065 patients attending Padiatric O. P. D. and School Clinic of Nair Hospital.

B. C. G. Vaccination was carried out on 2,610 neonates and 2,033 Pediatric out patients and school clinic patients. Simultaneous smallpox vaccination was carried out on neonates by vaccinators from the Health Department of the Municipal Corporation.

(d) Health Supervision of School children :—

Medical inspection of school children belonging to Standard I to VIII at Agripada was continued in 1974. 2,105 children were examined during this year. Vaccination was also undertaken. 920 children were vaccinated with smallpox and 162 children with B. C. G. vaccine and 162 children with oral polio vaccine.

(e) Community Health Service at Bandra :—

This project in collaboration with Seva Niketan House was continued in 1974. Medical relief was undertaken in the 10,000 strong community residing at the Behrampada slums in Khernagar at Bandra. The approximate number of patients seen throughout the year was 10,200 old and new cases.

(f) Immunisation Centre :—

This Centre runs in the afternoons. From January 1974 to December 1974, 904 children were vaccinated with triple antigen and 1,030 children were given polio vaccine. 26 persons vaccinated with D. T. vaccine.

(g) Social Service :—

(i)	No. of cases referred in 1974	..	..	..	..	1,396
	No. of cases carried over from 1973	..	..	..	..	542
	Total No. of cases handled	..	..	..	..	1,938
(ii)	Case work was done on 411 patients. These patients were referred from the Departments of Preventive and Social Medicine, Tuberculosis, Paediatrics, Orthopedics Psychiatry, Obstetrics and Gynaecology, Speech therapy etc.					
(iii)	Medicines were supplied to 131 patients referred from the various departments.					
(iv)	Appliances, were provided to 69 patients, e. g. crutches hearing aids, calipers, surgical boots, Surgical belts etc. Material help like milk powder, ration etc. were given to 228 patients. Number of patients given prosthesis was 127.					
(v)	Home visits were made in 114 cases.					
(vi)	No. of Institutional visited for patients	..	..	..	..	109
	No. of employees seen	..	..	..	..	16
(vii)(a)	In the slum communities the following programmes were organised. In that connection a number of meetings on large scale, group meetings, were arranged and individuals were contacted.					
	(1) Well Baby Show in M. P. Mill chawls on 23rd February 1974.					
	(2) Immunisation Programme in M. P. Mill chawls, Zopadpatty and Mahakalinagar Worli on 15th April, 22nd April and 18th April 1974 respectively.					
	(3) Organised orientation and evaluation of 'Youth against dirt and disease' programme organised by S. N. D. T. and Sophia College N. S. S. students. 1st November 1974					
	(4) Nutritional Aid Programme from 16th September to 30th November 1974.					
	(5) Mother craft session along with the G. D. clinic at Mahakalinagar, Worli.					
	No. of meetings organised	..	..	..	..	4
	No. of group meetings	..	..	..	..	16
	No. of times individuals contacted	..	..	..	..	84
(vii)(b)	In connection with the growth and Development Clinics on the van and referral for social problems the following work was done.					
	Home visits	..	..	..	..	354
	Helped with material aid and social problem	..	..	..	..	25
(viii)	For construction of the sheds at M. P. Mills Zopadpatty and at Colaba.					
	Visit to 'D' Ward Office	..	..	..	..	9
	Visit to 'A' Ward Office	..	..	..	..	3
	No. of times individuals seen	..	..	..	..	21
(ix)	For organisation of School Health Programme at Agripada Municipal Schools, at Bhausaheb Hire High School and the school for the physically handicapped children.					
	No. of visits	..	..	..	..	24
(x)	For organisation of Community Health Programme for IInd M.B.B.S. II term students.					
	No. of visits to the community	..	..	..	..	16
	No. of times individuals seen	..	..	..	..	11
	No. of Institutional visits with the students	..	..	..	..	31

III Research Projects :—

(a) Longitudinal study of growth and development in Infants, and Pre-school children of the Sweeper communities residing at Arthur Road.

A clinic was held once a week to make systematic observations of the growth and development of infants and pre-school children. The records for the year 1974 are as follows :—

Group	No. under observation	Total No. of visits	Average visit per infant or child
Infants	47	210	2.4
Pre-school children	51	102	2.00

(b) Psycho-social studies on Coronary Heart Disease and Prospective Studies on University Professor :—

The records for 1974 are as follows:—

23 Professors (New cases).
196 Professors (Old Cases).

(c) Follow-up infants and children vaccinated with B. C. G. Vaccination :—

This was continued in 1974.

(d) Psycho-social Study of Diabetic Patients :—

The Psycho-social data was collected on 193 patients.

IV.—Mobile Medical Relief to Slum Communities :—

The medical relief is carried out with the help of the van donated by B. P. C. C. to this institution. 4 Communities are taken up in this project. 37,098 patients were treated.

Immunisation was also carried out. The immunisation records for 1974 is as follows .—

	Types of vaccines given				
	Smallpox	Tetanus Toxoid	TABC	Triple Antigen	Polio Oral
Total No. of patients immunised	18	1698	54	561	765

Medical Inspection of children of 2 private schools situated in the M. P. Mill Chawls compound and in Agripada Municipal School compound was carried out.

439 children of the M. P. Mill Chawls compound school were examined and 50 children were vaccinated with oral polio vaccine.

113 children of the S. E. C. school in Agripada Municipal School compound were medically examined. 50 children were vaccinated with small pox and D. T. vaccine.

V.—Medical Relief to Mobile Creche :—

Medical relief to Mobile Creche was started on 1-12-1973. 5,521 patients were treated in December 1974. Vaccination was also carried out. 154 children were vaccinated with smallpox 321 children were given tetanus toxoid and 179 children were given oral polio vaccine. 44 children were given triple antigen and T. A . B. C.

VI.—Urban Public Health Internship Programme :—

Community Health Care to Urban Slum Communities is carried out under the programme.

VII.—Internship Training Programme :—

The organisation of the entire internship training programme is carried out by the Department of Preventive and Social Medicine.

SCHOOL CLINIC

The clinic worked in three services viz. Paediatric, Aural and Ophthalmic from Monday to Friday between 2.30 P.M. to 4.30 P.M.

Attendance of Primary School Children :—

Services	New	Old	Total	Referred
Paediatric	1395	12217	13612	..
Ophthalmic	257	2844	3101	86
Aural	486	5520	6006	194

Attendance of Secondary School Children :—

Services	New	Old	Total	Referred
Paediatric	158	618	776	..
Ophthalmic	91	492	583	34
Aural	35	113	148	26

Statement showing the number of children operated and glasses given from school clinic, primary and Secondary School children for the year 1974.

Particulars	Primary school children	Secondary school children
Operated for Tonsil	91	2
Operated for Mastoid	1	Nil.
Operated for Eye	Nil.	Nil.
Glasses given	118	53
Glasses Prescribed	129	53

DEPARTMENT OF PHARMACY

Dispensary

This year dispensary has dispensed 4,48,034 case papers at outdoor and 536 case papers at indoor.

Total quantity of stocks prepared for indoor and outdoor patients are given below :—

(1) Quantity of stock solution prepared	..	-23,548.75 lit.
(2) No. of tablet packs made	..	2,63,788.00
(3) No. of powders wrapped	..	-77,574.00
(4) No. of O.P.D. prescription where account is kept	..	1,07,635.00
(5) Special prescriptions attended	..	-496.00
(6) Prescriptions where special drug is issued and account is kept	..	-43,480.00
(7) Syrup simplex	..	-672.00 lit.

CENTRAL STERILE SUPPLY

The sterilization services are given to the All India Institute of Rehabilitation and Family Planning Centre at Bombay Central as they do not have the Sterilization facilities.

The details of sterilization done during the year given in Appendix I

The new services started during the year are as follows :—

- (1) Spinal Set.
- (2) Suturing Tray.
- (3) Peritoneal dialysis tray.
- (4) Dressing tray for Orthopaedic O. P. D.

MANUFACTURING OF PHARMACEUTICALS

The list of Pharmaceuticals manufactured in the year 1974-75 is given in Appendix II

The consolidated manufacturing figures and the saving effected are given below :—

(1) Transfusion Bottles 1 lit.	.. 1224
Transfusion Bottles 540 ml.	.. 72513
Transfusion Bottles 375 ml.	.. 6017
(2) Vials	.. 12568
(3) Ampoules	.. 1295
(4) Eye Ointment Packets	.. 5235
(5) Tablets	.. 86940
(6) Ointments for External application	.. 468.275 Kg.
(7) Powders	.. 1450 Kg.
(8) Liniments	.. 22 Lit.
(9) Lotions	.. 150 Lit.
(10) Emulsions	.. 780 Lit.
(11) Milk	396.4 lit.
(12) Capsules	.. 749

Total No. of New preparations undertaken (Appendix III)

(1) Preparation in T. B.	.. 11
(2) Preparation in Vials	.. 6
(3) Ointments	.. 2

Total No. of Preparations prepared 112.

Market Cost Rs. 4,66,593.75

Preparation Cost Rs. 2,07,131.48.
(Inclusive of Analytical Section).

(This includes the cost of chemical, Breakages Consumable articles, Machines repairs, machine depreciations gas and electricity, cleaning fluids, general articles and average staff salary).

Saving effected (including Analytical Section saving of Rs. 1,44,612.00) in Rs. 4,04,074.27.

The report of Analytical work is separately given The manufacturing work could not be undertaken in full swing during the following periods for the reasons given below :—

- (1) During the Railway Strike between 8th May 1974 to 27th May 1974 because of the absence of staff, the manufacturing work was hampered.
- (2) Due to the heavy flood on 5th June 1974 most of the machineries including the sterilizers went out of order. This affected the manufacturing programme.
- (3) Constant repair to the sterilizers during 20-8-1974 to 9-9-1974 has also its influence on the sterile preparation manufacturing.
- (4) During the installation of new distilled water plant from 20-8-1974 to 8-9-1974 the sterile manufacture was stopped, and the requirements of distilled water for other purposes of the hospital were met by getting distilled water from Sion Hospital.

Due to the heavy flood on 5th June 1974 many chemicals were spoiled costing.

Rs. ..	-1,368.48	which has gone the decrease in the saving from,
Rs. ..	4,04,074.27	
Rs. ..	1,368.48	

therefore Rs. .. 4,02,705.79 Total saving.

QUALITY CONTROL

Analytical Section was shifted partly to Kasturba Hospital this year for the want of working space and the animal house.

The pyrogen and sterility testings of the manufactured products is carried out at the Kasturba Hospital while the rest are done here.

The injectables manufactured by Kasturba Hospital pharmacy are also tested by this section for its sterility and pyrogens with the help of their pharmacist.

All the sterilizers of this hospital and Bhajekar Hospital are tested fortnightly for their proper functioning.

16,595 tests are carried out during this year. These were done on different kind of products splitted up into different No. of batches. These are shown in the chart in Appendix IV along with the percentage rejection

The No. of tests is reduced somewhat due to the fact that the batch size is increased from 80 Tr. bottles. to 160 Tr. bottles per batch.

The market cost of the testings done as per the current rates of Haffkine Institute are Rs. 1,74,162.00 details on Appendix V.

Total expenditure incurred during the year on this section are :—

Rs. 29,550.00

As detailed in Appendix VI the saving effected in testing is therefore :—

Rs. 1,74,162.00

—Rs. 29,550.00

Total Saving Rs. 1,44,612.00

GLASS BLOWING

The glass blowers services are given to the hospital as well as college side departments besides the pharmacy required articles which includes glass articles and different types of connections to the central sterile supply service and Manufacturing Section.

The total No. of articles prepared by the glass blower in this year comes out to be 9,707 numbers.

Following glass articles are prepared during the year.

(1) Murphy's drips	..	..	..	..	..	676
(2) Glass rods for saline set (small)	..	..	..	..	..	2052
(3) Glass rods for saline set (big)	..	..	..	..	..	2121
(4) Glass rods for drainage bottles (bent)	..	..	..	..	..	502
(5) Glass rods for drainage bottles (straight)	..	..	..	..	..	1332
(6) Drainage tubes small (straight)	..	..	..	..	..	357
(7) Needle Covers	..	..	..	..	..	972
(8) Needle cover for L. P. Sets	..	..	..	..	..	60
(9) L. P. Connections	..	..	..	..	..	422
(10) Oxygen delivery tubes	..	..	..	..	..	106
(11) Glass connections for bleeding set	..	..	..	..	..	126
(12) L. shaped rods for Endocrinology	..	..	..	..	..	18
(13) Big rods bent for manufacturing section	..	..	..	..	..	1
(14) Big rods for thoracic drainage	..	..	..	..	..	366
(15) Small rods for thoracic drainage	..	..	..	..	..	247
(16) Y connections	..	..	..	..	..	10
(17) Suction canula for Neurosurgery	..	..	..	..	..	12
(18) Syringe covers	..	..	..	..	..	118

Repair work done by Glass-Blower :—

(1) Murphys drips	..	..	..	..	..	68
(2) Saline set rod small	..	..	..	..	..	377
(3) Saline set rod big	..	..	..	..	..	244
(4) Drainage bottle rods bent	..	..	..	..	..	61
(5) Drainage bottle rods st.	..	..	..	..	..	60
(6) Drainage bottle rods straight small	..	..	..	..	..	8
(7) L. P. Connection	..	..	..	..	..	33
(8) Renal drainage big rods	..	..	..	..	..	53
(9) Syringe repair of NOT	..	..	..	..	..	3
(10) Measuring cylinder	..	..	..	..	..	26
(11) Kjeidahl flask	..	..	..	..	..	3
(12) Sterility pipettes	..	..	..	..	..	50
(13) Aspiration syringes	..	..	..	..	..	2

MAINTENANCE SECTION

This Section looks after the maintenance and repair work of all the machineries of Pharmacy including the sterilizers of Pharmacy, wards, Theatres and Bhajekar Hospital.

The major repairs done is numbering to 80 of the total cost Rs. 814.00 in respect of the expected cost with the market Rs. 14,442.00 resulting in the saving of Rs. 13,628.00.

EDUCATION

- (1) Mr. B. L. Bawisi, student of Bombay College of Pharmacy Kalina and Mr. S. P. Rane, from Government Polytechnic Jalgaon undergone the practical training of 750 hours in this department.
- (2) Shri V. N. Indurkar, Shri V. G. Kaweeshwar and Mr. S. S. Khade from the Head of the Department of Pharmaceutical science, Nagpur University campus undergone the industrial training under sandwich programme from 8th May 1974.

VISITORS

- (1) Students of the Final year diploma course in pharmacy of Government Polytechnic Jalgaon accompanied by the staff members, visited the department on 29th October 1974.
- (2) 18 trainees under the drug inspectors training scheme organised by the Ministry of Health, Government of India, visited this department on 7-9-1974.
- (3) 2 batches of 30 drug inspectors from all India have visited this department on 18-12-74 and 4-3-75 respectively.

Three lectures on 'The Control of Hospital Pharmacy and Store' were delivered to the drug inspectors by Mrs. P. R. Potnis, Analyst of this department.

APPENDIX I

Central Sterile Supply Service During 1974-75.

Serial No.	Name of the service	Quantity
1	Liver Biopsy tray for casualty	1
2	20c syringe tray of 75 packs	1
3	Dialysis tray	49
4	Blood Bank donor set (Professional)	4480
5	Blood Bank voluntary donor set	22
6	Blood bank plasma set	715
7	Bone marrow tray adult	429
8	Bone marrow tray child	42
9	Catheter tray	6922
10	Clip & suture removal tray	4133
11	Nasal puncture set	206
12	Liver biopsy tray adult	361
13	Liver Biopsy tray child	33
14	Neurology angiography tray	65
15	Neurology special angiography	24
16	Neurology myelography tray	60
17	Neurology open carotid angiography tray	1
18	Neurology pneumo encephalography tray	56
19	Neurology ventriculography tray	105
20	Neurology lumbar puncture tray	93
21	Lumbar puncture set adult	2002
22	Lumbar puncture set child	1358
23	Needle tray (48 packs)	1093
24	Needle tray (needle 20,21)	1
25	Peritoneal dialysis set	36
26	Pleral aspiration tray	838
27	Renal biopsy tray	70
28	Renal drainage bottle	3938
29	Saline set	39159
30	Syringe tray 20cc	287
31	Syringe tray 10cc	236
32	Syringe tray 10cc BDL	1
33	Syringe Tray 5cc	2041
34	Syringe tray 2cc	746
35	Syringe tray (20cc, 10cc)	3
36	Tidal drainage set	18
37	Thoracic drainage set	1121
38	Theatre transfusion set	6901
39	New syringe tray	1340
40	Tracheostomy tray	202

41	Tracheostomy tube tray	185
42	Venesection tray adult	1473
43	Venesection tray child	624
44	Wangesteen apparatus	28
45	Spinal manometer tray	12
46	Diagnostic set	50
47	Blood bank vacuum set	148
48	Tuberculine test tray	21
49	Polio immunisation tray	319
50	B. C. G. Tray	357
51	Small pox tray	29
52	Culture trays	27
52	Distilled water bottles	1110
54	Distilled water flasks	674
55	Vacuum bottles	741
56	Vacuum bottles needle Tray	256
57	Stuck up syringes	62
58	Spinal set	3
59	Suturing tray	6
60	Dressing tray for orthopaedic OPD.	2
61	Bottle for peritoneal dialysis 10 lit	24

APPENDIX II

STERILE PREPARATIONS.

Preparations in Transfusion Bottles.

1	Inj. 50% Dextrose soln. 500 ml. TB	157
2	Inj. Sodium chloride & Dextrose soln. 500 ml. T. B.	5040
3	Inj. 33.3% Dextrose soln. 500 ml. T.B.	58
4	Inj. 30% Dextrose soln. 1 lit. TB.	120
5	Inj. 50% Dextrose soln. 200 ml. TB.	1333
6	0.01% Silver Nitrate for Bladder wash 500 ml. T.B.	40
7	Subys solution for bladder wash 500 ml. TB	70
8	Inj. 20% Mannitol soln. 200 ml. TB.	118
9	Water for Inj. 500 ml. T. B.	177
10	Solution for eye drops 500 ml. T. B.	70
11	Inj. 10% Dextrose soln. 500 ml. T. B.	1753
12	Inj. 20% hypertonic saline 300 ml. T. B.	237
13	8% urea in Normal Saline soln. 500 ml. T. B.	8
14	Inj. 50% Dextrose soln. 1 lit T. B.	91
15	Inj. 10% hypertonic saline 500 ml. T. B.	119
16	Inj. 20% Dextrose soln. 200 ml. T. B.	197
17	Inj. 29% dextrose soln. 1 lit. T. B.	124
18	Inj. 25% dextrose soln. 500 ml. T. B.	20
19	0.50% silver nitrate for Burns 500 ml. T. B.	466
20	A. C. D. 75 ml. T. B.	6017
21	B1 45% dextrose soln. for peritoneal dialysis 500 ml. T. B.	346
22	Conc. acetate soln. for peritoneal dialysis A1 1 lit. T. B.	295
23	Conc. chloride soln. for peritoneal dialysis A2 1 lit. T. B.	286
24	Inj. 15% dextrose soln. B2 500 ml. T. B.	784
25	Inj. 20% dextrose soln. 1 lit. T. B.	222
26	Inj. Normal saline 500 ml. T. B.	17311
27	Inj. 5% dextrose soln. 500 ml. T. B.	42445
28	Inj. 3% sodium chloride 300 ml. T. B.	10
29	Normosol soln. for cardiac surgery 500 ml. T. B.	58
30	Haines soln. No. 1 500 ml. T. B.	1
31	Isolyte G. 500 ml. T. B.	2
32	1% acetyl choline soln. 500 ml. T. B.	5
33	Inj. 15% hypertonic saline 500 ml. T. B.	20
34	Inj. 15% dextrose soln. 1 lit T. B.	10
35	Inj. 10% dextrose soln. 200 ml. T. B.	29
36	Inj. 20% dextrose soln. 500 ml. T. B.	20
37	Cardiac surgery priming volume soln. for by pass 1 lit T. B.	29
38	Inj. 10% dextrose soln. 1 lit T. B.	29
39	Inj. 30% Fructose C 15% mannitol 250 ml. T. B.	11
40	Inj. 40% dextrose soln. 1 lit T. B.	9

Preparation in Vials.

1	1% atropine sulphate eye drops 50 ml. BV.	..	..	..	119
2	1% Acetic acid for ENT 50 cc BV.	..	..	..	65
3	2% acetic acid for ENT 50 cc BV.	..	..	..	75
4	A. C. D. soln. 50cc W. V.	..	..	..	3033
5	Inj. 25% dextrose soln. 100 ml. W. V.	..	..	..	2320
6	Inj. 0.5% lignocaine hydrochloride 50 ml. BV.	..	..	..	897
7	Inj. Molar lactate soln. 50 ml. BV.	..	..	..	50
8	Inj. 12.5% sodium Iodide for X-Ray 100cc BV.	..	..	..	169
6	Water for Inj. 50 ml. WV.	..	..	..	643
10	Inj. 2% lignocaine hydrochloride 50 ml. BV.	..	..	..	296
11	4% lignocaine hydrochloride 500 ml. B.V.	..	..	..	188
12	2% tannic acid 10 ml. BV.	..	..	..	1
13	Inj. 1% amethocaine hydrochloride 50 ml. BV.	..	..	..	70
14	10% sodium sulphacetamide eye drops 50 ml. BV.	..	..	..	481
15	1% Pilocarpine nitrate eye drops 50 ml. BV.	..	..	..	76
16	0.5% chloramphenicol succinate eye drops 10 ml. BV.	..	..	..	20
17	2% homatropine hydrochloride eye drops 50 ml. B.V.	..	..	..	20
18	3.8% sodium citrate 50 cc WV.	..	..	..	684
19	1% mercurochrome eye drops 50 ml. BV.	..	..	..	3
20	Inj. 2% procaine hydrochloride 60 ml. BV.	..	..	..	295
21	0.5% Easerine salicylate eye drops 50 ml. BV.	..	..	..	20
22	Inj. 1% Procaine hydrochloride 60 ml. BV.	..	..	..	1012
23	1% silver nitrate soln. for speech therapy 50 ml. BV.	..	..	..	1
24	2% silver nitrate soln. for ophth. dept. 50 ml. BV.	..	..	..	2
25	30% sodium sulphacetamide eye drops 100 ml. BV.	..	..	..	1
26	4% Ephedrine HCl eye drops 50 ml. BV.	..	..	..	1
27	Inj. 10% Fluoroscine sodium 10 ml. BV.	..	..	..	23
28	Inj. 5% Fluoroscine sodium 10 ml. BV.	..	..	..	28
29	1% fluoroscine sodium eye drops 50 cc B.V.	..	..	..	20
30	1% Amethocaine hydrochloride eye drops 50 ml. BV.	..	..	..	351
31	Inj. 1% lignocaine hydrochloride 50 ml. BV.	..	..	..	978
32	Inj. 15% potassium chloride 20 ml. WV.	..	..	..	3747
33	Water for inj. 10 ml. BV.	..	..	..	2669
34	Buffer soln. for kanyaacin eye-drops 100 ml. BV.	..	..	..	2
35	4% pilocarpine nitrate eye drops 50 ml. BV.	..	..	..	60
36	2% pilocarpine nitrate eye drops 50 ml. BV.	..	..	..	43
37	1% kanyaacin eye drops 10 ml. BV. . .	..	..	..	136

Preparations in Ampoules.

1	Inj. 8.4% sodium Bi-carbonate 20 ml. WA.	..	..	..	97
2	Inj. Normal saline 10 ml. WA.	..	..	..	224
3	Inj. 7.5 sodium Bi-carbonate 20 ml. WA.	974

Capsules.

1	Sodium Fluoride capsules	749
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10 lit. carboys

1	Water for injection for Kasturba Hospital 10 lit. carboys	716 carboys
2	Unsterile distilled water for K. H.	..	..	..	530 lit.
3	Water for inj. for peritoneal dialysis 7.5 lit. carboys	..	..	..	263 Full

Sterile Ointments.

1	Sterile Furacin ointment trays 1 kg.	..	..	72 x 1 Kg. 2 x 500 gms.	
2	Sterile vaseline gauze trays 500 gms.	..	..	340	tray
3	Common eye ointment base 500 gms.	..	..	32	trays
4	2% homatropine hydrobromide eye ointment 4 gm.	..	..	790	packs.
5	6% sodium sulphacetamide eye ointment 4 gms.	..	..	1750	packs.
6	1% atropine sulphate eye ointment 4 gms.	..	..	1195	packs.
7	1% chloromphenicol eye ointment 4 gms.	..	..	1500	packs.

Non-Sterile Preparations.

1	Compound boric acid dusting powder	..	..	53	Kg.
2	Calamine lotion U. S. P. 500 ml.	..	..	132	lit.
3	Calcium lactate tablets	..	..	86940	
4	Liniment of turpentine 8 lit	..	..	22	lit.
5	Rose water ointment	..	..	54	Kg.
6	Compound salicylic dusting powder	..	..	145	Kg.
7	5% W/W sulphadimide skin ointment 10 Kg.	..	..	20	Kg.
8	Sterile talcum powder	..	..	74	trays.
9	Zinc cream 6 Kg.	..	..	36	Kg.
10	Zinc paste	..	..	10	Kg.
11	Calamine lotion c 3% sulphur	..	..	18	lit.
12	Compound menthol ointment	..	..	15	Kg.
13	Zinc cream c 2% enteroquinol	..	..	162	Kg.
14	Compound salicylic Benzoic acid ointment	..	..	300	Kg.
15	12% sulphur skin ointment	..	..	394	Kg.
16	2% cetrimide soln	..	..	1580	lit.
17	10% thiatendazole ointment	..	..	1,735	gms.
18	Special ointment for pharmacology dept. K. E. M. Hospital	..	..	100	gms.
19	Sulphur c salicylic acid ointment	..	..	30	Kg.
20	Puiv. salicylic co.	..	..	10	Kg.
21	Sulpha eye ointment base	..	..	5.500	Kg.

APPENDIX III

New Preparations in 1974-75.

1	8% urea in Normal saline 500 ml. TB.	..	..	..	8	Bottles.
2	Inj. 50% dextrose soln. 1 lit. TB	..	..	..	91	
3	Inj. 25% dextrose soln. 1 lit. TB.	..	..	..	124	
4	Inj. 20% dextrose soln. 1 lit. T.B.	..	..	..	222	
5	Normosol soln. for cardiac surgery 500 ml. TB.	..	..	..	58	
6	Haire soln. No. 1 500 m. g. TB.	..	..	..	1	
7	Isolyte G. 500 ml. TB.	..	..	..	2	
8	1% acetyl choline soln. 500 ml. TB.	..	..	..	5	
9	Cardiac surgery priming volume. Soln. for bypass x 1 lit T. B.	..	..	..	29	
10	Inj. 30% fructose c 15— mannitol 250 ml. TB.	..	..	..	11	
11	Inj. 40% dextrose soln. 1 lit TB.	..	..	..	9	
12	1% mercurochrome eye drops 50 ml. BV	..	..	..	3	
13	1% kanyasin eye drops 10 ml. BV. . .	..	..	..	136	
14	1% silver nitrate soln. for speech therapy 50 ml. BV.	..	..	..	1	
15	2% silver nitrate soln. for ophth. dept. 50 ml. BV.	..	..	..	2	
16	Inj. 10% fluoroscine sodium 10 ml. BV.	..	..	..	23	
17	Inj. 5% fluoroscine sodium 10 ml. BV.	..	..	..	28	

Non-Sterile Preparations.

1	10% Thiabendazole ointment	..	..	..	1.735	gms.
2	Special ointment for pharmacology dept	..	..	..	100	gms.

APPENDIX IV

Analytical Section

Particulars of the products.	diff. kinds of products.	split up into batches	Total batches rejected.	Per cent of Rejection.
Products manufactured by pharm ..	5	692	5	0.63
Injections purchased from market ..	84	535	15	2.8
Tablets purchased from market ..	149	494	4	0.809
Liquids & syrups purchased from market ..	55	163	1	0.6134
Raw materials purchased from market	101	163	7	4.294
General items purchased from market	42	176	17	9.965
Ointments & topical purchased from market ..	24	124	1	0.8065

APPENDIX V.

Total cost of testings as per current rates of Haffkine Institute .

Serial No.	Name of the Test	Total no. Test	Haffkine cost per test in Rs.	Total cost in Rs.
1	PH	826	3	2,478
2	Identification test	3778	3	11,334
3	Heavy metal test & Acidity test	1000	5	5,000
4	Sterility Test	830	40	33,200
5	Pyrogen test	162	40	6,480
6	Physical test & general inspection	5000	3	15,000
7	Toxicity Test	10	40	400
8	Chromatographic technique	3	100	3000
9	Instrumental Assays	25	30	750
10	Chemical Assays	4961	20	99,220
		16595		1,74,162

APPENDIX VI
Analytical Section

Total expenditure incurred during 1974-75 :—	Rs.
Yearly Salary	20,500.00
Machinery Depreciation cost	5,500.00
Rabbit feeding	2,000.00
Electric consumption	700.00
Purchase of rabbits	300.00
Breakages	300.00
Chemical consumption	200.00
Gas consumption	50.00
Total Expenditure ..	29,550.00

DEPARTMENT OF PATHOLOGY AND MICROBIOLOGY

List of Publication

Dr. S. M. Purandare :—

1. Presented a paper with Shri A. G. Pradhan at Silver Jubilee Conference of Indian Association of Pathologists at New Delhi, in December 1974.
2. Neonatal deaths—an autopsy study jointly with Dr. V. V. Kale.
3. Retroperitoneal liposarcoma a case report jointly with department of surgery.
4. Study of renal biopsies—a joint study with department of Medicine in progress.

Dr. D. U. Antani :—

1. The following research schemes are under progress :—
 - (a) The role of E. coli in Pathogenesis of diarrhoea with special reference to nontypable E. Coli.
 - (b) The homeal flora of cleum and jejunum appendix in healthy individuals.
 - (c) The sensitivity of Shigella bacilli to Enterocura—(Sulphaguanale).
2. The following paper was sent for reading at the fourth National Conference in Communicable Diseases which was to be held at Delhi in December 1974. (However this conference was postponed to Feb. 1975 when this paper was read). The paper was entitled "Susceptibility of Salmonella to Chloramphenical and its clinical correlation to therapeutic response". This paper is being sent for publication.

Dr. I. V. Shah :—

1. Tuberculous Endometritis—Published in the "Journal of Postgraduate Medicine". Vol. XX, No. 1, January 1974-p-10-14.

Dr. V. V. Kale :—

1. Autopsy study of neonatal deaths-Submitted for publication to Journal of Indian Paediatrics.

Report of Yearly Investigations Carried out in Central Laboratories.

Year—1974.

51468 Investigations were carried out in the Central Clinical Laboratory during the year 1974 i. e. (From 1st January to 31st December 1974).

The post mortems performed during the above period is 769. Material collected for other Laboratory Investigation is 24065 as shown below :—

Routine investigations in the Central Clinical Laboratory :—

1. Blood count and Hb	16810
2. Urine	17589
3. Stool	8169
4. Occult blood	5803
5. Semen	191
6. Sputum	2449
7. C. S. F. Routine	3336
8. Pleural fluid	1068
9. Acetic fluid	1082
10. Blood Urea	1098
11. Blood Sugar	1177
12. Blood B. T. & C. T.	524
13. Throat swab.	172
Total ..	59468

Collection of material (Blood):—

1. Blood Urea	1389
2. Blood sugar	2670
3. Blood P. F. Sugar	2529
4. R. A. Test	209
5. Serum Cholesterol	784
6. Uric Acid	433
7. Serum Bilirubin	633
8. Serum proteins	513
9. Serum calcium	616
10. L. F. T.	354
11. P. T. P. I.	14
12. E. S. R.	6540
13. V. D. L. R.	3379
14. ABO-RH grouping	1672
15. Serum alkaline phosph	636
16. P. C. V.	423
17. SGOT & SGPT.	452
18. Widal	279
19. Serum Creatinine	540
Total	24065
P. M.	769
Grand Total	84302

N. B.—Due to the floods on 14th July 1974 and R. M. O.'s strike of nearly one month duration, the number of investigations decreased during these periods. Even then the total number of investigations over the full year have increased.

ANNUAL REPORT FOR THE YEAR 1974 (BACTERIOLOGY SECTION).**I.—Routine Examination of Smear and Culture.**

1. Urine	4,231
2. Cerebrospinal fluids	2,108
3. Aspirated fluids. (Miscellaneous)	91
4. Ascitic fluids	281
5. Pleural fluids	320
6. Peritoneal fluids	55
7. Pericardal fluids	15
8. Hydrocele fluids	2
9. Intestinal fluids	8
10. Synovial fluids	9
11. Miscellaneous swabs from aspirates	19
12. Pus and pus swabs	1,414
13. Wound swabs	47
14. Umbilical swabs	13
15. Ulcer swabs	14
16. Abscess swabs	3
17. Sputum	4,224
18. Bronchial aspirates and swabs	93
19. Throat swabs	340
20. Pharyngeal swabs	35
21. Nasal swabs	8
22. Laryngeal swabs	6
23. Swabs from lips, tongue, palate etc.	16
24. Ear swabs	885
25. Cystic fluid and swabs	49
26. Swabs from kidney, liver, lung	196
27. Lymph nodes	12
28. Stool and Rectal swabs	113
29. Conjunctival and Corneal swabs	408
30. Miscellaneous swabs from the eye	16
31. Cervical and vaginal swabs	78
32. Gastric Lavages	25
33. Urethral Prostatic and Endometrial swabs	20
34. Miscellaneous	11
Total	15,164

II.—Routine Cultural Examination.

1. Blood and clots	1,015
2. Stool and Rectal swabs	5
3. Throat and Nasal swabs (For diphtheriae)	12
4. Cerebrospinal fluid	6
5. Pus	5
6. Wound swabs	2
7. Miscellaneous swabs and aspirate	4
Total	1,049

III.—Smear and Cultural Examination for Anaerobes.

1. Wound swabs	..	..	..	..	..	..	47
2. Pus swabs	..	..	..	..	..	..	108
3. Material for testing sterility	..	..	..	..	..	..	3
4. Ear swabs	..	..	..	..	..	..	38
5. Swabs from kidney liver etc.	..	..	..	..	..	..	225
6. Miscellaneous	..	..	..	..	..	..	12
Total							..	433

IV.—Smear and Culture for fungus.

1. Skin scraping	..	..	..	..	..	..	4
2. Vaginal and cervical swabs	..	..	..	..	..	..	75
3. Sputum and Bronchial swabs	..	..	..	..	..	..	15
4. Urine	..	..	..	..	..	..	20
5. Ear swab	..	..	..	..	..	..	65
6. Cerebrospinal fluid	..	..	..	..	..	..	44
7. Vegetations	..	..	..	..	..	..	2
8. Swabs from lips, tongue etc.	..	..	..	..	..	..	1
9. Intestinal and jejunal fluid	..	..	..	..	..	..	3
10. Miscellaneous swabs and aspirates	..	..	..	..	..	..	3
Total							..	246

V.—Smear and Cultural Examination for M. tuberculosis :

1. Sputum	..	..	..	..	..	..	126
2. Urine	..	..	..	..	..	..	136
3. Cerebrospinal fluids	..	..	..	..	..	..	355
4. Pleural fluids	..	..	..	..	..	..	185
5. Ascitic fluids	..	..	..	..	..	..	70
6. Synovial fluids	..	..	..	..	..	..	6
7. Gastric lavage	..	..	..	..	..	..	25
8. Pus	..	..	..	..	..	..	430
9. Vaginal, cervical, Endometrial, swabs	..	..	..	..	..	..	23
10. Lung, swabs, bronchial swabs	..	..	..	..	..	..	31
11. Miscellaneous	..	..	..	..	..	..	31
Total							..	947

VI.—Cultivation with carbon dioxide :

1. Urine	..	..	..	..	..	..	95
2. Prostatic and Urethral swabs	..	..	..	..	..	..	55
3. Vaginal and cervical swabs	..	..	..	..	..	..	45
4. Pus	..	..	..	..	..	..	345
5. Swabs from brain, lung, kidney etc	..	..	..	..	..	..	..
6. Cerebrospinal fluids	..	..	..	..	..	..	950
7. Miscellaneous swabs and aspirates	..	..	..	..	..	..	22
Total							..	1,512

VII.—Examination of Smears only :

1. Smears from lung kidney spleen etc.	..	..	..	..	..	..	21
2. Skin scraping	..	..	..	..	..	..	8
3. Wet preparation of urines	..	..	..	..	..	..	50
4. Wet preparation of stool and rectal swabs	..	..	..	..	..	..	55
5. Wet preparation of liver aspirates	..	..	..	..	..	..	180
6. Wet preparation for Trichomonas of vaginal and cervical swabs	..	..	..	..	..	..	35
7. Urethral and Prostatic smears	..	..	..	..	..	..	20
8. Vaginal and Cervical smears	..	..	..	..	..	..	20
9. Miscellaneous	..	..	..	..	..	..	12
10. Sputum for AFB Direct method	..	..	..	..	..	..	4,224
11. Sputum for AFB—Concentration method	..	..	..	..	..	..	126
12. Hanging drop preparation	..	..	..	..	..	..	250
13. Wet preparation of Appendix	..	..	..	..	..	..	35
Total							..	5,036

VIII.—Tests :

1. Sensitivity Test	4,950
2. Coagulase tests	1,042
3. Agglutination tests	351
4. Biochemical tests (complete)	180
5. Biochemical triple—sugar, Iron agar	4,541
6. Inulin	238
7. Bite solubility tests	451
8. Casoni's Test	25
9. Fries test	13
10. Preparation of autovaccines	8
11. Sterility tests of injectable apparatus etc. .. .. .	..
12. Biological test	2
13. Miscellaneous tests and Examination .. .. .	..
14. Blood Bank antiserum filtration	21
15. Urea fermentation test	3,750
16. Phosphatases, test .. .. .	..
Total ..	15,649

IX.—Special Investigation and Research :

1. Bacteriological Investigation of operation theatres and wards ..	162
2. Study of organisms from blood and urine, ("role of urea in urinary test infection)."	108
3. Study of Appendix and Rectal swabs	55
4. Water samples for coli form and viable count and anaerobic organisms ..	69
Total ..	394

Emergency Investigations Carried out in Medical Units during the Year 1974.**(A) Routine Examination of:—**

1. Blood	5,732
2. Urine	4,678
3. Stool	25
4. C. S. F.	142
5. Pleural fluid	65
6. Ascitic fluid	60
7. Other aspirated fluids	19

(B) Smear and culture of:—

1. Stool	7
2. C. S. F.	40
3. Other fluids and swabs	23

(C) Biochemical Examinations:—

1. Blood sugar	95
2. Blood Urea Nitrogen	75
3. Serum amylase	2
Total ..	10,963

Investigations Carried out in ward Laboratory.

1. Blood Routine	219
2. Blood E. S. R.	1,864
3. Stool Routine	1,133
4. Urine Routine	237
Total ..	3,453
Grand Total ..	54,846

YEARLY REPORT.
(CHEMICAL PATHOLOGY DEPARTMENT).

From Its January to 31st December 1974.

1. Glucose Tolerance Curves	529
2. Blood Urea Nitrogen	6792
3. Serum Creatinine	2155
4. Serum uric acid	264
5. Creatinine Clearance Tests	50
6. Plasma Fibrinogen	178
7. Serum Proteins	3414
8. Serum Albumin	3414
9. Serum Globulin	3414
10. Serum Alkaline Phosphatase	2208
11. Serum Thymol Turbidity	1802
12. Vanden Bergh Reaction	2462
13. Icteric Index	2462
14. Serum Bilirubin (Total)	1485
15. Serum Bilirubin (Direct)	1485
16. S. G. O. T.	1654
17. S. G. P. T.	1654
18. Prothrombin time & Index	1509
19. Serum inorganic Phosphatus	2350
20. Serum Acid Phosphatase	190
21. Serum Amylase	167
22. R. A. Tests	420
23. Serum Cholesterol	2699
24. Gastric Analysis	272
25. C. S. F. Sugars	2231
26. C. S. F. Chloride	2232
27. Bromsulph thalein tests	112
28. Urine Urobilinogen	64
29. Serum Total Lipids	328
30. Serum Triglycerides	328
31. Serum Phospholipids	328
32. Serum L. D. H.	97
33. Foetal Haemoglobin	27
34. Serum Electrophoresis	195
35. Serum Sodium	4133
36. Serum Potassium	4133
37. Serum Chloride	4133
38. Serum Calcium	576
39. Urine Calcium	6
40. Urine Proteins	1670
41. Colloidal gold Tests	35
42. Urine Creatinine	42
43. Urine Sodium	354
44. Urine Potassium	354
45. Urine Chlorides	354
Total ..	82355

Yearly Record 1974.

1. No. of Donors Bled	4720
2. Voluntary Donors	3037
3. Blood Brought from Other Hospital	513
4. Blood Given to Other Hospital	268
5. Grouping Done	10215
Rh. Typing	9537
Done	578
6. Transfusion	4630
7. Coomb's Test	46
8. Antibody Titer	76
9. Cross Matching	6692

Number of donors Bleed in 1974.

Month	AB	A	B	O	Professional plus Replac- ment Voluntary		Total
					Professional	Replac- ment plus Voluntary	
January	29	88	106	96	122	197	319
February	29	55	88	95	145	124	269
March	41	113	159	140	178	275	453
April	60	105	144	138	159	288	447
May	30	92	112	115	209	140	349
June	43	116	129	119	208	199	407
July	24	70	84	78	154	102	256
August	34	146	127	146	126	327	453
September	44	127	147	144	33	427	460
October	54	105	156	135	27	423	450
November	38	137	132	110	237	180	417
December	41	109	142	148	85	355	440
Total	467	1263	1526	1464	1683	3037	4720

Number of Blood brought from other Hospital in 1974.

Month	Blood Group				Total
	AB	A	B	O	
January	5	28	20	13	66
February	5	..	3	2	10
March	5	2	7	14	28
April	14	24	7	17	62
May	4	5	9	10	28
June	10	6	1	4	21
July	4	7	8	9	28
August	..	43	15	20	78
September	4	..	13	2	19
October	20	4	14	1	39
November	11	9	6	10	36
December	8	29	26	35	98
Total	90	157	129	137	513

Number of Blood given to Other Hospital in 1974

Month	Blood Group				Total
	AB	A	B	O	
(1) January	3	1	7	3	14
(2) February	3	1	5	1	10
(3) March	3	7	8	11	29
(4) April	3	5	1	18	27
(5) May	3	2	1	1	7
(6) June	1	4	8	8	21
(7) July	2	10	25	24	61
(8) August	..	7	1	3	11
(9) September	3	..	15	5	23
(10) October	2	5	9	3	19
(11) November	..	1	5	28	34
(12) December	1	4	3	4	12
Total	24	47	88	109	268

Number of Blood Group done in 1974

Month	Blood Group				Rh. Typing done		Total
	AB	A	B	O	Positive	Negative	
(1) January ..	64	158	224	223	640	29	669
(2) February ..	46	144	158	182	498	32	530
(3) March ..	90	248	294	310	897	45	942
(4) April ..	87	243	286	296	854	58	912
(5) May ..	71	197	238	235	697	44	741
(6) June ..	93	238	309	297	895	42	937
(7) July ..	34	148	149	163	466	28	494
(8) August ..	85	289	340	346	995	65	1050
(9) September ..	82	285	328	340	966	69	1035
(10) October ..	88	301	374	318	1016	65	1081
(11) November ..	79	215	252	259	756	48	804
(12) December ..	93	256	334	327	957	53	1010
Total ..	912	2722	3286	3295	9637	578	10215

Blood Transfusion done in 1974

Month	Blood Group				Total
	AB	A	B	O	
(1) January ..	23	101	113	110	347
(2) February ..	27	70	104	100	301
(3) March ..	33	95	147	121	396
(4) April ..	56	105	157	120	438
(5) May ..	38	98	128	110	374
(6) June ..	38	131	105	154	388
(7) July ..	27	56	71	72	226
(8) August ..	26	137	122	118	403
(9) September ..	37	99	150	130	416
(10) October ..	56	126	163	133	478
(11) November ..	38	132	148	121	439
(12) December ..	35	104	135	150	424
Total ..	434	1254	1543	1399	4630

Coomb's test and Anti-body Titer done in 1974

Month	Coomb's Test	Anti-body Titer
(1) January ..	4	7
(2) February ..	3	6
(3) March ..	4	5
(4) April ..	5	9
(5) May ..	3	5
(6) June ..	6	4
(7) July ..	5	6
(8) August ..	2	8
(9) September ..	1	6
(10) October ..	5	7
(11) November ..	5	5
(12) December ..	3	8
Total ..	46	76

Cross Matching Done in 1974

Month	Blood Group				Total
	A	B	AB	O	
(1) January ..	42	171	205	174	592
(2) February ..	42	86	177	164	469
(3) March ..	56	175	226	179	636
(4) April ..	81	127	228	188	624
(5) May ..	44	157	161	145	507
(6) June ..	52	176	166	186	580
(7) July ..	26	111	96	105	338
(8) August ..	31	145	160	155	491
(9) September ..	47	131	219	192	589
(10) October ..	69	195	228	210	702
(11) November ..	50	163	192	157	562
(12) December ..	39	146	205	212	602
Total ..	579	1783	2263	2067	6632

Histopathology Section

Investigations carried out in Histopathology section during the year 1974 (1st January to 31st December 1974).

(1) Post mortem blocks prepared	..	..	..	..	..	4421
(2) Fluids for cytological exam.	..	..	..	..	..	193
(3) Surgical blocks prepared	..	..	..	..	..	6940
(4) Surgical blocks prepared (E.N.T. Unit)	..	..	..	..	..	684
(5) Slides of surgical tissues prepared	..	..	..	..	..	8097
(6) Autopsies performed during the year	..	..	..	..	..	769

(Details of surgical slides prepared)

(1) Bhajekar Hospital	..	..	..	..	..	21
(2) G. E. Department	..	..	..	..	..	232
(3) Skin Department	..	..	..	..	..	22
(4) Tata Hospital (Unstained)	..	..	..	..	..	27
(5) Duplicate slides	..	..	..	..	..	207
(6) Special stains	..	..	..	..	..	240
(7) Practical class	..	..	..	..	..	200
(8) Request from staff	..	..	..	..	..	19
(9) Bhagwati Hospital, Borivli	..	..	..	..	..	190

SEROLOGY DEPARTMENT

Total No. of investigations carried out in Serology Section during the year 1974.

Blood VDRL	..	..	..	..	..	13,019
C. S. F. VDRL	..	..	..	..	..	761
Blood Widal	..	..	..	..	..	1,120
Blood weit felix	..	..	..	..	..	28
Blood Paul Bunnel	..	..	..	..	..	6
Bnicellosis Ag. test	..	..	..	..	..	5
Formal get test	..	..	..	..	..	3
					Total	14,941
Food Handler's Scheme						
Blood VDRL	..	..	..	..	..	1,427
Blood Widal	..	..	..	..	..	1,424
Stool	..	..	..	..	..	1,377
Urine	..	..	..	..	..	1,385
					Total	5,613
Blood Bank donors. VDRL investigations	..	..	..	..	..	4,310
					Grand Total	24,864

HAEMATOLOGY DEPARTMENT

284 new cases have been seen in the Haematology Department.

The old cases seen during the previous years who required follow up and treatment have been attending regularly as per appointments.

Average out patient attendance was 15 by previous appointments.

Average number of patients under treatment, care and observation in the hospital were about 15 daily throughout the year.

Following are the various and total number of the tests carried out on these patients. (Appendix 1).

The work load is increasing and with the availability of more staff, better care and improved services to more patients can be provided.

HAEMATOLOGY DEPARTMENT

(Appendix XI)

Total No. of investigations carried out in Haematology Department during the year 1974.
(From Dr. A. J. Desai).

Complete Haemogram—

Haemoglobin	..	..	..	..	..	..	1783
Blood PCV	..	..	..	..	..	..	1783
MCHC	..	..	..	..	..	..	1783
WBCT	..	..	..	..	..	..	1783
WBC Diff.	..	..	..	..	..	..	1783
Periphanal smear	..	..	..	..	..	..	1783
Blood Reticuloocyte	..	..	..	..	..	..	1783
Platelets count	..	..	..	..	..	..	145
ESR	..	..	..	..	..	..	398
L. E. cell	..	..	..	..	..	..	15
Serum Iron	..	..	..	..	..	..	158
Total Iron Binding capacity	..	..	..	..	..	..	158
Serum BIZ	..	..	..	..	..	..	158
Serum Folate	..	..	..	..	..	..	158
Foetal Haemoglobin	..	..	..	..	..	..	40
Foetal red cell staining	..	..	..	..	..	..	40
Fragility	..	..	..	..	..	..	20
Hb electrophores	..	..	..	..	..	..	80
Immuno electrophores	..	..	..	..	..	..	..
Sickle cell test	..	..	..	..	..	..	40
Bleeding time	..	..	..	..	..	..	36
Clotting time	..	..	..	..	..	..	36
Clot Retraction	..	..	..	..	..	..	36
Prothrombin time	..	..	..	..	..	..	46
Prothrombin consumption test	..	..	..	..	..	..	36
Thromboplastic generation test	..	..	..	..	..	..	16
Factor VII assay	..	..	..	..	..	..	16
Factor XIII assay	..	..	..	..	..	..	16
Englobulin lysis time	..	..	..	..	..	..	2
Fibrinogen	..	..	..	..	..	..	16
Factor IX assay	..	..	..	..	..	..	4
Red cell glutathione (GSH)	..	..	..	..	..	..	20
G. 6 PD dye decolorization test	..	..	..	..	..	..	38
G. 6 PD assay	..	..	..	..	..	..	19
6. PGD assay	..	..	..	..	..	..	19
Pyruvate kinase assay	..	..	..	..	..	..	19
Bone marrow	..	..	..	..	..	..	154
B. M. Iron staining	..	..	..	..	..	..	154
Peroxidase staining	..	..	..	..	..	..	50
Succinic dehydrogenase staining	..	..	..	..	..	..	50
Feulgen staining	..	..	..	..	..	..	25
Heinz Body test	..	..	..	..	..	..	5

Blood Collection for all above tests is as a Routinely done by us.

DEPARTMENT OF ANATOMY

Special Department Activities—

- (1) Objective Assessment of Student Performance with preparation of Multiple Choice Question Bank.
- (2) Research in the analysis of student assessment.
- (3) Electives for undergraduate students based on specialised techniques involving simple histochemistry, Cytology, Photo-micrography and colorimetry as well as modelling and charts.
- (4) Most of the photomicrographs of the whole institution whether for departments, teaching, Publication or Conferences and Research are photographed in the dept. both in black and white and colour.
- (5) Histochemical studies on Abnormal Tissue received from Hospital.
- (6) The Department has been in charge of the Artist Section of the College and Hospital.

Research Dr. E. J. De'Souza—

- (1) Exfoliative Cytology, hormonal, cancer Screening and Barr Bertram study.
2. Histochemistry—
 - (a) Experimental and investigative on diseased tissue.
 - (b) Studies on experimental bone healing and repair and reaction to implants, with Dr. (Mrs.) Noronha.

Papers Read—

- (1) "Death as seen by the basic Scientist" at the Seminar of Indian Federation of Catholic Medical Guilds, in Madras.
- (2) Histochemistry used in Cytology.
- (3) "The Patient in different levels of Health Care" paper read at the International Conference of Catholic Medical Guilds at Barcelona (in press).
Authors Dr. E. J. de Souza and Dr. Jha.
- (4) Paper read at Conference on Gastro Entérolgy (Mexico).
Authors Dr. F. P. Antia, Dr. E. J. de Souza and Dr. J. S. Kalgutkar.
- (5) The Cytochemical Demonstration and Localisation of Succinic Dehydrogenase in Aspergillus, Vol. XX, Page 124, July 1974.
Dr. E. J. de Souza, K. V. Vahalia and Mrs. Sujata Kiran. J. Post. grad. Med.

DEPARTMENT OF BIOCHEMISTRY.**Research Work —**

Problems of research undertaken :—

- (1) Excretion of amino acids in health and disease.
- (2) Studies in liver function in thyroid disorders.
- (3) Studies in protein caloric malnutrition and its relation to thyroid function.
- (4) Study of LDH enzymes in health and disease (Thyroid disorders).

DEPARTMENT OF PHYSIOLOGY**Research work in progress—**

Dr. J. V. Bhatt:

Guidance to the following staff members in their research work.

Dr. (Mrs.) V. G. Parulkar:

- (1) Peripheral vascular response in smokers and non-smokers.
- (2) Pulmonary ventilation studies while speaking in various languages.
- (3) Platelet counts in females during various phases of menstrual cycle.
- (4) Cystometrographic studies in various clinical conditions.

Dr. (Miss) M. J. Barua :

- (1) Smoking and obesity.
- (2) Study of reaction time in young medical students.

Dr. (Mrs.) Padma Balsubramanium :

- (1) Certain haematological values during menstrual cycle in Indian female.

Dr. (Mrs.) H. P. Pispati :

- (1) Effect of speech in different languages on pulmonary ventilation.

Dr. (Mrs.) S. D. Deshpande :

- (1) Respiratory efficiency test in boys and girls.

Dr. (Mrs.) A. R. Advani :

- (1) Different taste sensations for phenyl thiocarbamide in human race.

Dr. (Mrs.) D. Kumar :

- (1) Preference for taste and smell in rats.

PUBLICATIONS :**Dr. (Mrs.) V. G. Parulkar :**

- (1) Observations on some physiological effects of transcendental meditation-Ind. J. Med. Sc. 28 : 3 : 156 : 1974.
- (2) A study in the profile of the present day Indian medical student. Sent for publication to Ind. J. of Med. Ed.
- (3) Smoking and differential leucocyte count sent for publication to J. Postgr. Med.

Dr. (Miss) M. J. Barua :

- (1) Some observation on skinfold thickness sent for publication in Ind. J. of Physiol. and Pharmae.
- (2) Differential W. B. C. count in smokers and non-smokers as co-oworker to Dr. (Mrs.) V. G. Parulkar, Dr. (Mrs.) Balsubramaniam.—sent for publication to J. Postgr. Med.

Dr. (Mrs.) Padma Balsubramaniam :

- (1) Some observation on Harvard's steptest. sent for publication to Ind. J. of Physical. and Pharmae.
- (2) Differential (WBC) count in smokers and non-smokers with Dr. (Mrs.) V. G. Parulkar and Dr. (Miss) M. J. Barua.

Dr. (Mrs.) H. P. Pispati :

- (1) Some observations on colour blindness. sent for publication to Assoc. of Physiol. and Pharmae. of India.

Dr. (Mrs.) S. D. Deshpande :

- (1) Urea clearance test in dogs (Dessertation).

DEPARTMENT OF PHARMACOLOGY

Apart from routine undergraduate and post-graduate teaching, the department continued to provide help in investigating certain patients referred from B. Y. L. Nair Ch. Hospital. In addition to routine diagnostic Radio-iodine studies, facilities for liver scans, blood volume studies, kidney function tests, T3 uptake studies, B12 absorption studies and serum thyroxine level estimations, semen morphological studies etc. were made available for the benefit of patients attending the B. Y. L. Nair Ch. Hospital

Research Project :

During this year, following research projects were undertaken under the guidance of Professor R. S. Satoskar.

- (1) Vegetarianism and B12 status in Indians.
- (2) Biochemical and Morphological studies on Human semen.
- (3) Lithium metabolism.
- (4) Clinical and biochemical investigations in Thyroid disorders.

Papers published :

The following papers were published :—

- (1) Vitamin B12 like activity in leafy vegetables. Ind. J. Biochem. and Biophy. 1,71-73, 1974.
- (2) Effect of the protein content of the diet on the Vitamin B12 status in rats. Brit. J. Nutr. 31, 219-225, 1974.
- (3) Significans of Liver function studies in amoebiasis. J. Postgrad. Med. 20, 166-175, 1974.
- (4) Vegetarianism and Vitamin B12 status, Paper presented at the VIIth Annual meeting of Indian Pharmacological Society held at Ahemadabad, December 1974.
- (5) Vitamin B12 and vegetarianism in India. Acta haematologica 53, 90-97, 1975.

Conferences Attended :

During the year Professor R. S. Satoskar attended the following conferences :—

- (1) 68th Annual meeting of the Association of Physiicians of Great Britain and Ireland held at New-castle upon Tyne U. K., April 1974.
- (2) VIIth Annual Conference of Indian Pharmacological Society held at Ahemadabad, December 1974.
- (3) Joint meeting of Society of Endocrinology U.K. and Royal Society of Medicine (Endocrine section) held at London, February 1974.

Other Activities :

- (1) Dr. Satoskar was elected as member of the managing committee of Indian Pharmacological Society India.
- (2) He was also co-opted as a member of Faculty of Medicine and Board of Studies South South Gujarath University, Surat and Shivaji University, Kolhapur,
- (3) Dr. R. S. Satoskar was also invited to be a member of Committee on Clinical Trials of Drugs, N.C.S.T. Government of India. The day to day routine of Isotope unit was supervised by Dr. (Miss) S. Krishnan in the absence of Dr. M. M. Koppikar.

TOPIWALA NATIONAL MEDICAL COLLEGE

The College has been permanently affiliated to the University of Bombay for teaching the courses of studies leading upto M.B.B.S. and Post-graduate examinations.

The College is affiliated with the College of Physicians and Surgeons of Bombay for Post-graduate diploma courses.

The College has been affiliated to the University of Bombay for teaching the courses of studies leading to B.Sc. (Audiology and Speech Therapy) Degree examinations.

The number of undergraduate students on the roll at the close of the year was 681 out of which 186 were lady students. The number of Post-graduate students was 278 including 100 lady students registered for Diploma courses of the college of Physicians and Surgeons of Bombay were 116 including 34 lady students.

UNIVERSITY AND COLLEGE PRIZESName of the studentName of the Prize awarded**College Prizes**

- | | |
|-----------------------------|---|
| (1) Shri R. P. Khubchandani | .. Dr. L. H. Hiranandani's Scholarship for 1974. |
| (2) Shri M. K. Sanjana | .. Dr. D. V. Patel Scholarship for 1974. |
| (3) Shri A. S. Patel | .. Mrs. Jane Patrao Scholarship for 1974. |
| (4) Shri H. A. Patel | .. Dr. Sanker Narayan Iyer's Prize or Scholarship for 1974. |

For I M.B.B.S. Examination—October 1974.

- | | |
|-----------------------------|--|
| (5) Shri T. K. Lall | (1) Dr. D. D. Variava's Prize, |
| (6) Shri M. N. Pandya | (2) Dr. D. D. Sathye's Prize |
| (7) Shri J. F. N. Rodrigues | (Prizes equally shared). |
| (8) Smt. K. G. Punjabi | .. Dr. S. B. Parchure's Prize. |
| (9) Shri T. K. Lall | .. (1) Dr. G. P. Nair Scholarship in Embryology,
(2) Mahatma Gandhi Memorial Prize.
(3) Dr. R. L. Adiga Prize, |

For II M.B.B.S. Examination—April 1974.

- | | |
|-------------------------|--|
| (10) Smt. N. H. Kothari | (1) Dr. V. G. Rele's Scholarship, |
| (11) Smt. N. P. Vaidya | (2) Dr. S. S. Rau's Prize (equally shared). |
| (12) Smt. N. H. Kothari | .. (1) Dr. Manek Billimoria Prize,
(2) Dr. H. A. Maniar's Prize,
(3) Shri Doongarshi A. Karia's Prize and
(4) Dr. W. B. Bhawe Memorial Prize. |

For III M.B.B.S. Examination—October 1974.

- | | |
|---------------------------|---|
| (13) Shri P. R. Sureka | .. Dr. A. L. Nair Memorial Gold Medal. |
| (14) Shri P. K. Mehta | .. (1) Dr. D. B. Pandya's Prize in Books.
(2) Smt. Gopikabai Narayan Karande's Prize. |
| (15) Smt. M. G. Karmarkar | .. Snehalrani Ranade Paritoshika for Girl student. |
| (16) Shri E. D. Borges | .. (1) Dr. P. F. Soonawala Gold Medal.
(2) Dr. Parab Memorial Prize.
*(3) T. C. F. Gold Medal,
*(4) Merck Award (Gold Medal).
* Not given by the College but by the respective Pharmaceutical concerns. |

College Competitive Examination

- (1) Shri E. D. Borges .. Dr. D. H. Dudha Memorial Prize in Comp. Exam. in Medicine for the year 1974.

University Prizes I M.B.B.S.—Examination—October 1974.

- (1) Miss K. G. Punjabi .. Miss. Guli Khanchand Mirchandani Scholarship.

III M.B.B.S. Examination—October 1974.

- (2) Shri P. R. Sureka .. (1) The J. C. Lisboa Gold Medal and Prize,
(2) The Dr. S. R. Moolgavkar Gold Medal and
(3) The Shri Gordhandas Shankarlal Bhalja, C.I.E., I.C.S. Prize for Surgery.

Number of students on roll as on 31st March 1975 :—

Class	Male	Female	Total
(1) III M.B.B.S.- III Term	32	6	38
(2) III M.B.B.S. II Term	77	30	107
(3) III M.B.B.S. I Term	24	5	29
(4) II M.B.B.S. III Term	88	38	126
(5) II M.B.B.S. II Term	17	4	21
(6) II M.B.B.S. I Term	67	45	112
(8) I M.B.B.S. II Term	114	38	152
(8) III M.B.B.S. Casuals (including One III M.B.B.S. Cond. course casual).	29	10	39
(9) III M.B.B.S. Seniors	4	..	4
(10) II M.B.B.S. Seniors	1	..	1
(11) I M.B.B.S. Seniors	5	..	5
(12) I M.B.B.S. Casuals (Including 5 students whose forms were withdrawn).	24	5	29
(13) I M.B.B.S. Contd. Course (admitted in Nov. 1974)	6	5	11
(14) III M.B.B.S. Cond. Course.	4	..	4
(15) I M.B.B.S. Cond. Course Fresh Senior	1	..	1
(16) I M.B.B.S. Cond. Course Repeater Senior	1	..	1
(17) III M.B.B.S. Cond. Course (Old)	1	..	1
Total	495	186	681

AUDIOLOGY AND SPEECH THERAPY

Audiology and Speech Therapy School got the distinction of starting the School for Deaf Children under the Municipal Corporation with up-to-date class room facilities for the children and modern electronic teaching aids for the teachers. 40 children admitted in November 1973 have acquired not only language in speech but progressed in academic field. 20 of these children have already learn reading, writing and Arithmetic up to first standard level and they will be promoted to higher class. Considering the encouraging response from children and parents, four more class rooms have been sanctioned and this will create additional facility for admitting 60 more children. Equipment worth Rs. 8,000 has been donated by the Rotary Club at Bombay uptown to start by June 1975. 8 posts of special teachers of deaf have been sanctioned.

15 students were admitted in F.Y., B.Sc. (AST) class out of which 13 have continued as two students have dropped out. The Senior batch of students 14 in all will appear for final examination in April 1975.

During the year, eight students have appeared for final B.Sc. (AST) Exam. in April 1974. Out of which 4 passed. Result was 50 per cent. In the October examinations four students appeared and all passed, result was 100 per cent. In the first year B.Sc. examination in April 40 per cent, passed

Merit Awards :

Merit awards were given to Miss Pavie for obtaining highest marks in F.Y.B. Sc. examination of Bombay University and Miss T. Soares for standing 1st in final B.Sc. examination during the year 1974. These awards were given by Indian Speech and Hearing Associations.

Indo Danish Project :

This project has been terminated by Government of India from September 1974, but during the year 162 hearing aids were given to children and adults free of cost. Free replacement of 185 cords and 547 battery cells were given to the patients who have been supplied hearing aids previous years. All these cases are revised every 3 months. Free replacement of components and repairs to the hearing aids will be continued even though the project has terminated.

Out Patients and Treatment Programme :

This year a record of new patients were registered for speech and hearing defects. The total number was 2828. Average daily attendance for speech therapy and audiometry come to nearly 100 patients per day. Each patient is seen individually for half an hour and the result obtained has earned this institution unique reputation. The pressure of work has increased considerably. The staff also has to devote the time for making special ear mould for patients who wears hearing aids. We made nearly 400 ear mould during the year.

Electronic Laboratory :

This Laboratory has latest equipments for repairs and maintenance of all our equipments and hearing aids. A full time Sr. Electronic Technicians assists in the repair and maintenance job. On an average 2 hearing aids are repaired every day. Besides attending to various other equipments in the Department.

Academic Activities :

Every week one clinical meeting for differential diagnostic was held with the staff and students of the Department. This has encouraged the students to participate in clinical discussions and case presentation. The regular clinical meeting headed by E. N. T. specialists continues to be held every 2nd and 4th Mondays of the months.

Four papers based on the clinical research were accepted at the All India Conference of Speech and Hearing Associations. The papers were written by Mr. R. K. Oza, Prof. and Head of the Department, Mr. R. Vaidynathan and Mrs. Z. A. Rangwalla.

Statement showing the number of cases seen at Audiology and Speech Therapy School in the year 1974.

Serial No.	Diagnosis	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1	Audiogram	168	159	154	193	162	162	158	157	135	167	148	162	1925
2	Stammering	12	17	9	23	21	27	18	17	12	17	22	17	212
3	Cleft Palate	...	1	1	3	...	2	2	1	2	...	...	2	14
4	Laryngectomy	...	...	...	1	1	...	2	...	1	...	...	1	6
5	Dysarthria	4	1	...	3	2	1	1	1	3	3	1	1	20
6	Dysphonia	1	4	1	...	...	5	3	2	...	1	...	2	19
7	Aphasia	3	1	3	2	2	...	3	3	1	...	2	1	21
8	Dyslalia	8	3	4	8	12	8	6	6	4	8	9	9	85
9	Delayed Speech	6	9	7	9	2	13	4	6	4	5	5	11	81
10	Hoarseness of voice	...	...	1	2	3	1	2	...	3	...	...	...	12
11	Mentally Retarded	8	2	1	8	2	5	3	5	1	4	3	3	45
12	Cerebral Palsy	3	2	1	1	2	1	2	2	1	...	...	1	16
13	Multiple Handicapped	...	...	...	...	...	...	...	...	4	5	1	3	13
14	Normal Speech	...	...	...	...	...	1	...	...	...	...	...	...	1
15	Not Confirmed	...	...	...	...	1	1	...	1	7	1	3	6	20
16	Hearing Impaired	34	26	45	25	22	34	28	19	9	32	15	35	324
17	Puberphonia	...	...	...	3	3	...	...	...	...	2	...	...	8
18	Short Palate	...	...	...	...	1	2	...	...	...	...	...	...	4
19	Slurry Speech	...	...	...	...	...	...	...	...	...	...	1	1	2
	Total	247	225	227	281	236	263	232	222	187	243	210	255	2828

LIBRARY (T. N. M. C.)

The total number of books added to the library during the year was 798 as against 1058 during the previous year. Out of these, 143 were donated to the library.

The library subscribed to 294 periodicals as againsts 280 during the last year. 95 periodicals were received gratis from the publishers, the Hon. Staff of the Nair Hospital and others. The library, therefore, had 389 current periodicals as against 386 during the last year.

The number of books and periodicals issued on the premises to the undergraduates, postgraduates, the teaching staff of the college and to the postgraduates, teachers and research workers from other institutions, was 95,254 as against 93767 during the last year.

5732 books, periodicals were issued out for home reading to the teaching and resident staff of the B. Y. L. Nair Hospital and the T. N. M. College as against 5542 during the last year. 19 bound volumes of periodicals were borrowed from the various institutions participating in the inter-loan scheme and 16 were loaned out to them. 57 books were written off.

The library had at the end of the year 20756 books as against 20015 of the previous years and 9650 bound volumes of periodicals as against 7690 of previous year.

NURSING STAFF

Smt. Sumitra Vimalanand Pandit has held the post of Matron during the year 1974-75.

Smt. C. Leelamma, Student Nurse at this hospital has been awarded Dr. Vengasarkar Prize for the year 1974-75 as she stood first amongst the candidates appeared from this hospital for General Nursing Course—Part II Examination held by Maharashtra Nursing Council.

POOR PATIENT FUND

Donation to the extent of Rs. 9060.27 were received during the year in addition to Rs. 22880.46 collected from the boxes kept in the wards and O. P. D. of the Hospital.

An amount of Rs. 155905.51 were spent from the fund towards Medicine, Drugs appliances etc. for the poor patients.

ANNUAL EXPENDITURE

The total expenditure incurred on the maintenance of the hospital including liabilities at the end of the year amounted to Rs. 1,85,49,156.00 as against Rs. 1,36,07,344.64 for the previous year.

Appendices 1 to 8 give the information about the work of the Hospital in Statistical form.

ANNUAL COST AND REVENUE

The total expenditure of the College amounted to Rs. 39,30,103.00 during the year ending report as against Rs. 23,91,925.83 during the previous year. The net revenue of the college by way of Tuition fees. Miscellaneous receipts etc. amount to Rs. 3,48,643.29 as against Rs. 3,31,615.00 for the previous year.

DR. BHAJEKAR HOSPITAL

During the year 1974 6883 New cases were examined, 1219 patients were admitted for indoor treatment. Total number of operations performed during the year 1974 were 967.

Dr. M. S. KEKRE,

Dean,

B. Y. L. Nair Charitable Hospital and
Topiwala National Medical College,
Bombay-8.

APPENDIX No. 1
Distribution of Beds.

Unit	Male	Female	Child	Total
Medical	107	36	...	143
Surgical	96	36	...	132
Gynaec	...	40	...	40
Obstetric	...	55	...	55
Paediatric	...	...	46	46
Orthopedic	26	10	..	36
E. N. T.	26	10	...	36
Ophthalmic	22	10	...	32
Skin & V. D.	12	4	...	16
Tuberculosis	16	...	...	16
Psychiatry	10	...	...	10
Tetanus	3	2	...	5
Gastroenterology (Medical)	12	4	...	16
Gastroenterology (Surgical)	3	2	...	5
Cardiology	8	2	...	10
Cardiac Surgery	3	2	...	5
Neurology	13	2	...	15
Neuro-Surgery	12	4	...	16
Genito-Urinary Surgical Service	3	2	...	5
Rheumatic	3	2	...	5
Chest Diseases	3	2	...	5
Keratoplasty	2	2	...	4
Thoracic Surgery	3	2	...	5
Plastic Surgery	11	5	...	16
Nephro & Diabetic	6	4	...	10
Renal	2	...	...	2
Intensive Care	5	...	...	5
Medical Students	10	10	...	20
Speciality	2	...	...	2
Total	419	248	46	713

APPENDIX No. 2

Particulars of in-door and out-door patients treated during the year 1974 and 1973, Number of operations, etc.

Particulars.	FIGURES FOR	
	1974	1973
'A' In-patients		
(1) Scheduled strength of beds	713	713
(2) Daily average number of in-patients	879.01	901.18
(3) Total number of new in-patients treated	35,792	38,214
(4) Average number of days each patient was resident	8.09	8.06
'B' Out-patients		
(1) Total number of new out-patients	2,78,425	2,70,337
(2) Daily average number of new out-patients	912.87	886.35
(3) Total number of out-patients attendance (excluding Casualty cases)	8,36,114	11,27,168
(4) Daily average number of out-patients attendance	2,780.37	3,792.28
(5) Total number of Casualty patients	19,900	13,312
'C' Operations		
(1) Total number of Operations on in-door patients	11,801	10,489

APPENDIX No. 3

The following table shows the number of accident treated cases during the year under report in comparison with that of the previous year.

Sex.	Treated in casualty Department.		Admitted through Casualty Department.	
	1974-75	1973-74	1974-75	1973-74
Male	8,195	9,182	2,074	2,376
Female	2,037	2,209	820	902
Children	Male	1,103	466	567
	Female	565	655	279	308
Total	11,900	13,312	3,639	4,153

APPENDIX No. 4.

Statement showing the number of Deliveries conducted at this hospital during the last 5 years.

Year	No. of Deliveries							
1970	2453
1971	2418
1972	2696
1973	2999
1974	3035

APPENDIX No. 5

Relative cost per In-patient and Out-patient per day during 1974-75 and previous two years.

Particulars	1974-75			1973-74			1972-73		
	Rs.	P.		Rs.	P.		Rs.	P.	
In-patient	35.52			29.14			27.88		
Out-patient	4.44			3.09			2.38		

APPENDIX No. 6

Statement showing the details of cost per In-patient per day for 1974-75 and previous two years.

Year	Diet	Drugs Dressing, etc.	Stores and Linen	Heating Lighting and repairs	Establishment	Total
	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
1974	4.55	12.50	1.36	1.74	15.37	35.52
1973	3.27	11.20	1.15	1.63	11.89	29.14
1972	2.62	11.52	1.10	1.28	11.26	27.88

APPENDIX No. 7

Statement showing the Average Cost per Out-patient per day for 1974-75 and previous two years.

Year.	Drugs Dressing, etc.	Stores and Linen.	Heating Lighting & Repairs.	Establishment.	Total.
	Rs. P.	Rs. P.	Rs. P.	Rs. P.	Rs. P.
1974	2.52	0.28	0.05	1.59	4.44
1973	1.66	0.17	0.21	1.05	3.09
1972	1.43	0.14	0.18	0.63	2.38

APPENDIX No. 8

Summary of In-patients classified according to Department and Sex for the period from 1-1-1974 to 31-12-1974.

Department.	Sex.		In the Hospital on Mid-night of 31-12-73.	Admitted during 1974.	Total.	Discharged during 1974.	Deaths.	In the Hospital on Mid-night of 31-12-74	
Medical	Male	..	186	6,515	6,701	5,975	562	144	
	Female	..	78	2,853	2,931	2,604	244	83	
	Total	...	264	9,368	9,632	3,599	806	227	
Surgical	Male	...	105	4,403	4,508	4,194	225	89	
	Female	...	42	1,332	1,374	1,231	91	52	
	Children—	Male	...	10	836	846	812	28	6
		Female	...	2	377	379	358	16	5
	Total	...	159	6,948	7,107	6,595	360	152	
Ophthalmic	Male	...	10	473	483	462	1	20	
	Female	...	3	258	261	249	...	12	
	Children—	Male	43	43	40	1	2
		Female	33	33	32	...	1
	Total	...	13	807	820	783	2	35	
Gynaecology	Female	...	39	1,559	1,598	1,550	9	39	
	Children—	Female	...	5	5	5	...	...
	Total	...	39	1,564	1,603	1,555	9	39	
Skin and Venereal Diseases	Male	...	6	123	129	121	3	5	
	Female	...	2	28	30	25	3	2	
	Children—	Male	5	5	5
		Female	11	11	11
	Total	...	8	167	175	162	6	7	
Aural	Male	...	43	901	944	899	26	19	
	Female	...	23	688	711	682	13	16	
	Children—	Male	...	5	391	394	389	1	4
		Female	...	6	441	447	445	...	2
	Total	...	75	2,221	2,496	2,415	40	41	
Orthopedic	Male	...	67	1,161	1,228	1,155	32	41	
	Female	...	33	552	585	528	14	43	
	Children—	Male	...	9	308	317	308	1	8
		Female	...	7	169	176	169	...	7
	Total	...	116	2,190	2,306	2,160	47	99	
Paediatric	Male	...	31	2,592	2,623	2,342	238	43	
	Female	...	29	1,938	1,967	1,728	212	27	
	Total	...	60	4,530	4,590	4,070	450	70	
Maternity	Female	...	72	5,593	5,665	5,565	14	86	
	Total	...	72	5,593	5,665	5,565	14	86	
Tuberculosis	Male	...	26	818	844	748	79	17	
	Female	...	...	...	...	...	...	...
	Total	...	26	818	844	748	79	17	

APPENDIX No. 8—Contd.

Department	Sex	In the Hospital on Mid-night of 31-12-73	Admitted during 1974	Total	Discharged during 1974	Deaths	In the Hospital on Mid-night of 31-12-74	
Cardiology (surgical) ...	Male	...	...	...	...	13	4	
	Female	...	...	...	...	6	1	
	Children—							
	Male	...	...	...	...	3	1	
	Female	...	...	...	...	2	2	
Total	...	...	...	...	...	24	8	
Gastro-Enterology ...	Male	...	9	162	171	163	5	3
	Female	...	2	57	59	56	1	2
	Children—							
	Male	...	...	1	1	1	...	...
	Female	...	...	...	...	...	...	...
Total	...	11	220	231	220	6	5	
Psychiatric ...	Male	...	11	262	273	255	3	15
	Female	...	...	...	...	...	...	...
	Children—							
	Male	...	...	...	...	...	...	...
	Female	...	...	...	...	...	...	...
Total	...	11	262	273	255	3	15	
Rheumatic and Collegen Diseases	Male	...	...	4	4	4	...	...
	Female	...	...	4	4	4	...	...
	Children—							
	Male	...	...	...	...	...	...	...
	Female	...	...	...	...	...	...	...
Total	...	...	8	8	8	...	...
Neuro-logy ...	Male	...	7	58	65	52	2	11
	Female	...	2	22	24	24	...	...
	Children	...	4	4	4	...	...	...
	Male	...	...	3	3	3	...	...
	Female	...	...	...	...	...	...	...
Total	...	9	87	96	83	2	11	
Neurosurgery ...	Male	...	3	118	121	101	11	9
	Female	...	3	44	47	36	5	6
	Children	...	...	18	18	14	4	...
	Male	...	...	6	6	5	1	...
	Female	...	...	...	...	...	...	...
Total	...	6	186	192	156	21	15	
Plastic Surgery ...	Male	...	5	74	79	74	...	5
	Female	...	4	23	27	22	1	4
	Children	...	...	58	58	57	...	1
	Male	...	...	24	25	25	...	...
	Female	...	...	...	...	...	...	...
Total	...	10	179	189	178	1	10	
Gastro-Enterology Surgical Service	Male	...	...	39	39	36	3	...
	Female	...	...	11	11	11	...	...
	Children	...	...	1	1	1	...	...
	Male	...	...	...	...	...	...	...
	Female	...	...	...	...	...	...	...
Total	...	...	51	51	48	3	...	
Thoracic-Surgery ...	Male	...	...	3	3	2	1	...
	Female	...	...	1	1	1	...	...
	Children	...	...	...	...	...	...	...
	Male	...	...	...	...	...	...	...
	Female	...	...	...	...	...	...	...
Total	...	...	4	4	3	1	...	

APPENDIX No. 8—*Concd.*

Department	Sex	In the Hospital on Mid-night of 31-12-72	Admitted during 1973.	Total	Discharged during 1973	Deaths	In the Hospital on Mid-night of 31-12-73
Genito-Urinary Surgical Service Children	Male	1	28	29	26	1	2
	Female	...	7	7	7	...	...
	Male	...	2	2	2	...	...
	Female	...	...	...	..	...	...
Total		1	37	38	35	1	2
Thyroid Clinic Children	Male	...	1	1	...	...	...
	Female	...	...	...	...	...	...
	Male	...	...	...	...	...	...
	Female	...	...	...	...	...	...
Total		...	1	1	...	...	...
Renal Children—	Male	...	4	4	4	...	...
	Female	...	2	2	2	...	...
	Male	...	...	...	...	...	...
	Female	...	...	...	...	...	...
Total		...	6	6	6	...	...
Diabetic Children—	Male	...	19	19	19	...	...
	Female	...	8	8	7	1	...
	Male	...	...	...	...	...	...
	Female	...	...	...	...	...	...
Total		...	27	27	26	1	...
Haematology Children	Male	..	3	3	3	..	..
	Female	..	..	..	..	..	..
	Male	..	..	..	..	..	..
	Female	..	..	..	..	..	..
Total		..	3	3	3	...	..
Grand Total		892	35792	36684	33939	1890	855

THE NAIR HOSPITAL DENTAL COLLEGE

Summary of the Administration Report of the Nair Hospital Dental College for the year 1974-75.

The total expenditure incurred for running the Dental College-cum-Hospital was Rs. 19,50,240. as against Rs. 14,85,476 during the previous year. Rs. 7,923, were spent on the Ward of 10 beds of dental in-patients.

The total collection of Poor Box Fund was Rs. 17,762 which was spent for giving drugs medicines, free teeth sets, etc. to poor and deserving patients and employees.

The total revenue of the College was Rs. 1,62,676 out of which Rs. 68,365 were charges for the treatment given to the patients. The tuition and other miscellaneous fees and receipts amounted to Rs. 94311.

Results

(1) Students and their progress :—

(i) Total No. of students for B. D. S. course (from 1st to final B. D. S.).	..	233
(ii) Total No. of students for Post-graduates (M. D. S. Students).	..	38
(iii) No. of students passing B. D. S.	..	62
(iv) No. of students passing M. D. S.	..	10

(2) Patients Treated :—

(i) Total No. of out patients treated	..	1,10,358
(ii) Daily average No. of patients	..	380
(iii) Total No. of new in-patients	..	127

(3) Help to poor patients :—

(i) No. of teeth sets given free	..	585
(ii) No. of partial teeth sets given free	..	304
(iii) No. of teeth sets repaired free	..	157

Suggestions

The work of construction of extension of the College Building and the building allotted at Haji Ali for the Dental College is in progress and the necessary steps are being taken to construct the staff quarters for the Nair Hospital Dental College. The extension of remaining one third building under construction is planned to provide an amphitheatre, more dental health services to more outpatients and expanding post-graduate sections in all eight departments of this Institution.

Dr. F. D. MIRZA,
LDSc., M.S.D. (Tufts-USA), F.I.C.D.,
Ag. Dean.
Nair Hospital Dental College.

THE NAIR HOSPITAL DENTAL COLLEGE

Report for 1974-75

The Nair Hospital Dental College conducts four years' course in Dentistry leading to the Degree of—Bachelor of Dental Surgery of the University of Bombay. The College also conducts Post Graduate courses in seven subjects since 1959 leading to the Master of Dental Surgery.

This College is recognised as Training Centre in India to train candidates for L. D. Sc., R. C. S. (Eng.) Examination and Fellowship in Dentistry Examination of the Royal College of Surgeons, England and Edinburgh.

The admission standard for students is Intermediate Science, 'B' Group, examination of the University of Bombay and the course extends for four years.

During the year under report 62 students including 13 girls passed the final B. D. S. examination and 9 male and 1 female students passed M. D. S. examination. There were 233 (including 76 female) and 38 (including 11 female) students on the roll for B. D. S. and M. D. S. courses respectively.

The following are the principal departments of the College ;—

- (1) Oral Diagnosis and Treatment Planning Department,
- (2) Exodontia Department.
- (3) Operative Department.
- (4) Prosthetic Department.
- (5) Orthodontia Department.
- (6) Periodontology Department.
- (7) Pedodontia Department.
- (8) Dental Pathology Department.
- (9) Dental Radiology Department.
- (10) Maxillo Facial and Plastic Surgery Department.

The College has an academic council to look after the academic affairs of the College.

Special Equipments

The College has 123 Dental Chairs, 101 Dental Units, 120 Bench Type Engines, upto date operation treatre and 4 X-Ray Units including one 200 M. A. X-Ray Unit with tomographic facilities for the treatment of the dental patients. A Reprovit II (a) Universal Unit has been added to facilitate dental photographs for teaching the students.

The College has a Ward of 10 beds specially for Dental in-patients.

Facilities To Students

The College provides all facilities for indoor and out door sports. There is also canteen for the benefit of the students and staff of the College. The College has a well equipped library with thousands of modern books and upto date periodicals on Dental Surgery. The Library works from 8-30 A. M. to 10-00 P. M. from Monday to Friday and on Saturday from 8-30 A. M. to 5-00 P. M.

Resume Of Work Done In The Clinic

The total No. of dental out-patients treated in dental clinic of the College was 1,10,358 including school children (in the morning as well as in the evening clinics) which included 51,651 male 33,256 female and 25,451 children. The details of work done in different departments, operations performed, etc. are given in the Appendices attached.

During the year under report revenue of Rs.1,62,676 was collected by way of fees from the students and charges from the patients, as against Rs. 1,63,506-50 during the preceding year 1973-74. The total expenditure incurred came to Rs. 19,50,240 as against Rs. 14,85,476 during the preceding year.

585 complete sets of upper and lower artificial teeth and 304 partial teeth sets were given to poor and deserving patients free of charges, 157 sets were repaired and returned to the poor patients free of charge. The teeth sets were given from the Poor Box Fund collections of the Institution. The total collection of the poor Box Fund was Rs. 17,762.

14189 Municipal School Children were treated in the Children's Clinic during the year.

Dr. F. D. MIRZA.
L.D.Sc., MSD. (Tufts, USA.), F.I.C.D.,
Ag. Dean,
Nair Hospital Dental College.

APPENDIX 'A'

Clinical yearly Report from 1-4-1974 to 31-3-1975.

Particulars	Morning	Evening	Total
New Patients	42,53	16,872	59,715
Old Patients	33,293	17,350	50,643
Total Patients	76,145	34,212	1,10,358
Male	36,109	15,542	51,651
Female	22,011	11,245	33,256
Children	18,066	7,425	25,451
Silver Filling	1,465	1,263	2,758
Porcelain Filling	88	42	130
Root Canal Treatment	108	39	147
Gold Inlay	84	33	117
Jacket Crown	183	87	275
Crown and Bridge	...	...	...
Pulp Capping	41	25	66
Apicectomy	8	6	14
Scaling	6,469	4,935	11,404
Gingivectomy	64	128	192
Extraction	30,475	9,519	39,994
Roots extracted	1,279	453	1,732
Abscess Incise	56	18	74
Alveolectomy	54	30	84
Flap Cutting	62	17	79
Imp. 2nd Molar	21	17	38
Under G. A. Extraction	486	1,301	1,787
Partial Denture	961	138	499
Repair Denture	255	66	321
Arch Fixed App.	109	92	201
Full Denture	731	269	1,000
Retention Plate	3	4	7
Bad Cook Plate Bands	6	...	6
Dowel	4	...	4

APPENDIX 'B'

Maxillo-Facial and Plastic Surgery Department

List of Operation done during 1974-75.

Serial No.	Description	Nos.
1	Impactions	232
2	Biopsy	15
3	Ora-Antral Fistula	4
4	Cyst	17
5	Fractures	87
6	Cald-well-luc	3
7	Apicectomy	37
8	Alveolectomy	13
9	Alveolar Abscess	26
10	Hamimandibulectomy	2
11	Osteotomy	4
12	Rhinoplasty	2
13	Curettage	57
14	Vestibuloplasty	2
15	Bone graft	3
16	Nerve Avulsion	2
17	Sub Luxation of T. M. Joint	2
18	Gland Excision	2
19	Benign-Tumours	21
20	Nurectomy	6
21	Tongue Tie	2
22	Arthroplasty	2
23	Frenectomy	3
24	Plastic Reconstructive Surgery	13
25	R. moval of Salivary Calculus	6
Total		563
Operations under L. A.		483
Operations under G. A.		80
Total		563

APPENDIX 'C'

Work done in Dental Pathology Department from 1-4-1974 to 31-3-1975

Sr. No.	Description	Nos.
(1)	No. of Pathology Biopsies taken ...	148
(2)	No. of Surgical Biopsies taken ...	160
(3)	Total No. of Biopsy ...	208
(4)	No. of tooth Blocks ...	50
(5)	No. of Pulp Slides Prepared ...	200
(6)	No. of tooth (pulp) slides slained ...	100
(7)	Preparation of Developmental slides (paraffin) ...	100
(8)	Preparation of Developmental slides stained ...	50
(9)	No. of Museum model ...	15
(10)	Total No. of Paraffin Blocks ...	340
(11)	Total No. of Paraffin Slides ...	1,440
(12)	No. of Ground Sections ...	50
(13)	No. of Slides Stained (Routine) ...	620
(14)	No. of Slides stained (Special) ...	200
(15)	Total No. of Investigations ...	155

APPENDIX 'D'

Work done in the Radiology Department during the year 1974-75

Details of Radiographs taken Examined and delivered to the various Department.

(1)	No. of patients Treated ...	6,743
	(i) Intra-oral Radiographs ...	11,402
	(ii) Occlusal Radiographs ...	286
	(iii) Extra-oral Radiographs ...	1,569

**LOKMANYA TILAK MUNICIPAL GENERAL HOSPITAL AND
ANNAPURNABAI DESEMUJH HOSPITAL FOR WOMEN AND LOKMANYA TILAK
MUNICIPAL MEDICAL COLLEGE, SION BOMBAY-400 022.**

**SUMMARY OF THE ANNUAL ADMINISTRATION REPORT OF
L. T. M. G. HOSPITAL AND L. T. M. G. COLLEGE SION BOMBAY-400 022.**

MEDICAL RECORD DEPARTMENT

1974-75.

The annual Administration Report of the L. T. M. G. Hospital and L. T. M. M. College for the year 1974-75 is summarised as follows:—

HOSPITAL :—

L—EXPENDITURE :—

		Rs.
(A) 1.	Amount spent on In patients	1,23,61,360.00
2.	Amount spent on Out Patients	24,72,252.00
3.	Total Expenditure excluding New Works	1,48,33,512.00
4.	Expenditure on New Works .. .. .	..
(B) 1.	Average cost per In-Patient per day	46.87
2.	Average cost per Out Patient per day	10.80

II—RESULTS :—

(A) 1.	Schedule Bed Strength	537
2.	Daily average In-patients in Wards	933
3.	Total number of admissions including those brought over from the previous year	47,584
4.	Total number of patients discharged	
(i)	Relieved	31,575
(ii)	As Cured	2,879
(iii)	Left Against Medical Advice	3,335
(iv)	Expired	3,120
(v)	Remained in the Hospital on the last day of the year	937
1.	Average stay of In-patients	7.3
(B) 1.	Total number of New Out Patients	2,67,708
2.	Daily average number of New Out Patients	877
3.	Total number of Casualty Attendance (Medico-legal)	39,441
(C) 1.	Total number of Operations on In-patients	15,142
2.	Total number of operations on Out-Patients	16,302
(D)	CONFINEMENTS :—	
1.	Booked Cases	3,693
2.	Emergency Cases	1,122
3.	Normal	3,693
4.	Abnormal	1,122
5.	Left Before Delivery	923

6. Neonatal and Maternal Deaths.

(i) Maternal Deaths	21
(ii) Still Births	267
(iii) Premature live born infants	118

III.—SPECIALISED TREATMENT :—

1. Total number of Admissions in Resuscitation	996
2. Sterilization :—	
Male	429
Female	714
I. U. C. D. inserted	503

IV.—RADIOLOGY :—

1. Total X—Ray taken at L. T. M. G. Hospital	80,123
--	--------

V.—BLOOD BANK :—

1. Total number of Blood Samples Collected	
(i) From Voluntary Donors	1,775
(ii) From Professional Donors	1,571
(iii) From other hospitals	434
(iv) From Relatives	539
2. Number of Bottles supplied	4,016
3. Total amount spent from Poor Box Charity Fund on payment to the Professional Donors and other incidental charges	Rs. 18,852.00

VI.—SCHOOL CLINIC :—**(A) Total number of School Children treated :—**

(i) New	1,647
(ii) Repeat	9,241
(iii) Referred	737

(B) Total Expenditure on Clinic Rs. 76,197.86**VII.—PHYSIO-THERAPY :—****(A) Total number of attendance at the Centre 1,52,906**

Out-patients	64,488
In-patients	88,418

(B) Students attended from P. T. School G. S. Medical College Nil.**VIII.—OCCUPATIONAL THERAPY :—****(A) Total number of patients treated at the Centre 14,448****(B) Total number of students attended from O. T. School, G. S. Medical College Nil.****IX.—DEFICIENCIES :—**

1. *Over crowding of patients in the wards*—As against 537 scheduled beds, the daily average In-patients in the ward is 900 to 1,000. The overcrowding is particularly in male medical and surgical, female and children surgical, orthopaedic and paediatric wards.
2. *Over crowding of visitors in the wards* : To many visitors come to see the patients, making it difficult for staff to do their routine work. Chronic patients and some discharged patients, stay for inordinately long period in the wards, even after discharged as none come to take them.
3. Heavy rush in the O. P. D. particularly in the morning hours. On an average 877 patients attend the hospital daily.

4. Overall shortage of nursing staff due to non-availability of residential accommodations and leaving services for going abroad in large numbers.
5. Badminton court is necessary in the nurses quarters.
6. A recreation cum meeting hall is necessary in the nurses quarters.

SUGGESTIONS :—

1. Separate and safe construction should be given for Psychiatric patients to safeguard other patients, Nursing and Labour Staff.
2. Separate block should be provided with disinfection facilities for isolation patients to avoid cross infection.
3. Number of visitors to each patients should be restricted. Period of hospitalization of chronic patients discharged, should be fixed and arrangements made to remove them from the hospital within the period fixed.
4. (1) There should be a baby crech to look after the Nursing Staff's children on the line of crech organised by Hindustan Lever Brothers Ltd.
(2) Family Quarters should be given to the Nursing Staff near by the vicinity of the hospital.
5. More room should be made available for accommodating the student nurses, staff nurses also changing & resting rooms for non-residential are necessary, since the number of wards as well as staff is increased and we must anticipate and make the facilities available to them.
6. It is necessary to build one recreation cum meeting hall in the nurses quarters.

COLLEGE :—**1. ANNUAL EXPENDITURE AND REVENUE :—**

(A) (1) Total Expenditure including expenditure on hostel	..	..	20,31,294.00
(2) Revenue from Tution fees, Hostel Rent and Miscellaneous Receipts			1,46,283.00
(3) Revenue from post-graduate fees	..	..	13,175.00
(B) Income from Hostel	..	..	10,998.00
(C) (1) Gross cost per student	..	..	7,203.00
(2) Net cost per student	..	..	600.00

2. Students :—

- (1) Students on roll as on 1-4-1975 :—282 including 60 New Admission.
- (2) Number of Students classwise :—

	Boys	Girls	Total.
Ist M. B. B. S.	50	24	74
IInd M. B. B. S.	82	41	123
IIIrd M. B. B. S.	60	25	85
INTERNS :—			
Total No. of Inters as on 1-4-1975	43	22	65
Outside Interns	19	6	25

DR. V. N. PANSE

Dean,

L. T. M. G. Hospital, Sion,
Bombay-22.

List of Head of the Department.

Name	Qualifications.	Designation.
Dr. V. N. Panse	M. D., M. P. H.	Dean.
Dr. M. B. Kher	M. B. B. S., M. Sc. (Med.)	Prof. of Anatomy.
Dr. N. A. Dabholkar	M. D.	Prof of Physiology.
Shri F. R. Billimoria	M. Sc. (Biochem)	Prof. of Biochemistry.
Dr. P. M. Chaphekar	M. D.	Pf. of Pathology.
Dr. H. L. Dhar	B. Sc., M. B. B. S., Ph. D.	Prof. of Pharmacology.
Dr. (Smt.) M.M. Kekre	M. B. B. S., D. P. H.	Prof. of Preventive and Social Medicines.
Dr. M. V. Divekar	M. D.	Prof. of Medicine.
Dr. S. V. Nadkarni	M. S.	Prof. of Surgery.
Dr. (Smt.) S. D. Kanitkar	M. D., F. F. P. S.	Prof of Gyn. & Obst.
Dr. M. D. Pandit.	M. S., F. R. C. S.	Hon. Prof. of Orthopaedics.
Dr. S. S. Mehta	M. B. B. S., D. A., F. F. A. R. C. S. (Eng.)	Prof. of Anaesthesia.
Dr. D. M. Bassa	M. B. B. S., D. P. M.	Hon. Prof. of Psychiatric.
Dr. V. B. Athawale	M. D., D. C. H.	Hon. Prof. of Paediatrics.
Dr. K. C. Gadre.	M. S., D. D. O. (Lon).	Hon. Prof of E. N. T.
Dr. M. D. Joglekar	M. B. B. S., D. O. (Lon.), D. O. M. S.	Hon. Prof. of Ophthalmology.
Dr. V. R. Mehta.	M.B.B.S., F.C.P.S., P.S.D. V. D.	Hon. Prof. of Skin.
Dr. S. C. Shah	M.B.B.S., D. G. O., D.M.R. E.	Hon. Prof. of Radiology.
Dr. B. R. Rao	B. D. S.	Hon. Prof. of Dentistry.

L. T. M. G. HOSPITAL AND L. T. M. M. COLLYGE

ADMINISTRATION REPORT. 1974-75.

The Lokmanya Tilak Municipal General Hospital, Sion, has completed 27 years of its existence in the year 1974-75. A short report of the staff position and the work done in the various departments of this institution during the year under report is given below :—

In the year 1974-75, Lokmanya Tilak Municipal Medical College has completed 9 years, imparting medical education to the students. Its affiliation to the University of Bombay has been extended upto June 1975, and local enquiry committee of Bombay University has recommended this college for a permanent affiliation beyond June 1975.

The Medical Council of India has recognised this college for award of M. B. B. S. degrees of the University of Bombay in May 1974; and British Medical Council have also decided to recognise the degrees of M. B. B. S. given to the students of this college, after permanent affiliation. No important changes during the year of report has taken place.

ADMINISTRATION

Dr. V. N. Panse, M. D. M. P. H. (Columbia) held the post of Dean during the year under report.

Dr. (Smt.) A. S. Punde, M. D. has been continuing the post of Superintendent at L. T. M. G. Hospital.

TEACHING AND ADMINISTRATION STAFF

New Appointments, transfers, promotions, Study leaves.

Serial No.	Name.	Remarks
1	Dr. (Smt.) S. M. Naik	.. Promoted as a Asstt. Prof. of Path. with effect from 18-5-1974.
2	Dr. (Smt) V. V. Devulkar	.. Resigned from 15-1-1974
3	Dr. S. S. Parulkar (Asstt. Prof.)	.. Resigned from 01-7-1974
4	Dr. (Smt.) S. V. Kulkarni (Asstt. Prof.)	.. Resigned from 21-8-974.
5	Dr. D. C. Shah (Tutor)	.. Transferred to K. E. M. Hospital with effect from 2-9-1974.
6	Dr. (Smt.) V. R. Valvekar (Tutor)	.. Promoted as a Asstt. Prof. at T. N. M. College with effect from 1-7-1974.
7	Dr. C. C. Jani (Tutor)	.. Promoted as a Asstt. Prof. with effect from 15-10-1974.
8	Dr. J. I. Dias (Tutor)	.. Resigned from 1-8-1974.
9	Dr. (Smt.) U. S. Bhagwat (Tutor)	.. Appointed from 27-7-1974.
10	Dr. R. G. Malani (Tutor)	.. Resigned from 15-9-974.
11	Dr. (Smt.) S. S. Bhatt.	.. Appointed as a Asstt. Prof. with effect from 18-2-1974.
12	Dr. (Smt) V. D. Awar.	.. Appointed as a Lect. with effect from 18-5-74.
13	Dr. (Smt.) Sheela Nanda (Lect.)	.. Appointed from 20-6-1974 resigned from 18-12-1974.
14	Dr. (Smt.) S. M. Apte (Lect.)	.. Appointed from 5-7-1974.
15	Dr. S. S. Tare	.. Appointed as a Tutor from 12-8-1974 resigned from 4-1-1975.
16	Dr. S. S. Sethia	.. Tutor in Anaesthesia Department resigned from 2-1-75.
17	Dr. S. S. Ugrankar	.. Appointed as a tutor from 14-3-1974.
18	Dr. A. L. Shah	.. Appointed as a tutor from 1-7-1974.
19	Dr. E. K. Krishnan	.. Appointed as a tutor from 1-7-1974.
20	Dr. D. Oomgrigar	.. Appointed as a tutor from 25-5-1974.

Serial No.	Name	Remarks
21	Dr. (Smt.) S. L. Trehun	.. Appointed as a tutor from 14-3-1974.
22	Dr. D. D. Dharkar	.. Appointed as a Asstt. Prof. from 7-10-1974. Resigned from 25-11-1974.
23	Dr. D. P. Deshpande	.. Appointed as a Tutor from 1-2-1974.
24	Dr. H. M. Punjani	.. Appointed as a Tutor from 1-2-1974 Resigned from 29-12-1974.
25	Dr. V. J. Varde	.. Appointed as a Tutor from 1-2-1974.
26	Dr. R. G. Malani	.. Appointed as a Tutor from 16-2-1974. Resigned from 15-9-1974.
27	Dr. (Smt.) P. G. Nalawade	.. Appointed as a Tutor from 18-3-1974.
28	Dr. N. S. Bajaj	.. Appointed as a Tutor from 1-6-1974 reverted as a Registrar with effect from 1-10-1974.

ADMISSIONS

No change in intake capacity. Number of undergraduate students on roll on March 1975 was 282 and that of post-graduate students was 102.

New course for Diploma in Medical Laboratory Technology is being conducted at this institution with intake capacity of 10 students.

EDUCATIONAL ACTIVITIES

Besides regular teaching programme, monthly schedule meetings and clinical cardiology conferences were held regularly. Scientific and educational films were shown to the staff and students.

Interns.—Graduates from Universities other than Bombay were allowed to undergo internship training at L. T. M. G. Hospital to the extent of 40 per year.

Results of examinations are shown in Appendix I. General performance of students is better than that in previous years. Mr. Deshmukh V. M. who stood first amongst the students of this college, appeared for the final M.B.B.S. Exam. held in October 1974 has secured many prizes and scholarships from the University of Bombay which has been described in the Appendix II.

Separate Committee of the students, manage the student's cultural and sports activities. The report of the performance of the year under report, submitted by the Hon. Gen. Secretary, will give an idea about Gymkhana activities. To meet all this expenditure, fees of Rs. 35 per annum is being collected from each student and intern of this college.

The college buildings will be ready for occupation and the departments of Anatomy and Pharmacology will be shifted shortly in the new building.

Full time departments of Medicine, Surgery and Anaesthesiology are functioning well.

RESEARCH SOCIETY

The Research Society is functioning in this institutions since August 1966. It is recognised under societies registration Act and Public Trust Act. It is also exempted from paying income tax. Medical Officer working in these institutions, including Honoraries, Asstt. Honoraries and full time Medical Officers upto the level of Sr. Registrars, Tutors, Lecturers are members of the society. Annual subscription for each member is Rs. 25/-. Total number of membership on 31st March 1975 was 140.

Affairs of the Society are managed by the Executive Committee, comprising of 12 members including the Dean as a Ex-Officio President. Assistance of the Society is made available to the members of the staff for their research activities by sanctioning suitable grants and arranging the typing of the research papers.

Society also arranges monthly scientific meetings and lectures by eminent personalities in the field of Medicine and allied subjects.

LIBRARY

The working hours of the Library at present are from 8.30 a.m. to 10.00 p.m. on week days; 8.30 a.m. to 7.00 p.m. on Saturdays. It was remaining closed on Sundays and Holidays, but now it remains open from 9.00 a.m. to 4.00 p.m. on Sundays and Holidays except on the O. P. D. Holidays.

During the year, 609 books and 300 bound volumes of the journals have been added to the collection. Subscription is paid for 306 titles of the journals. 85 journals are received as complimentary/gratis/donated copies.

The number of books and periodicals issued on the premises is approximately 59,729 and home issues are 2,454.

From the L. T. M. M. College, the Budget Grant sanctioned is Rs. 1,25,000.00 and from the L. T. M. G. Hospital a grant of Rs. 1,58,000.00 has been sanctioned for the library for the year 1974-75.

HOSTEL

Boys and girls are given accommodation in two separate hostels. About 100 students can be accommodated in these hostels.

ANNUAL COST AND REVENUE

The total expenditure of College amounted to Rs. 5,58,261.00 during the year ending report excluding establishment, as against Rs. 2,18,640.00 during previous year. The net revenue of the College by way of tuition fees and miscellaneous receipts etc., amounted to Rs. 1,46,283.00 as against Rs. 1,34,019.00 for previous year.

NEW DEPARTMENT

- (1) A hand injury follow up clinic has been started from 22-1-1974.
- (2) An Intensive Coronary Care unit has been started from 16-3-1974.
- (3) An Emergency ward has been started from 19-11-1974.

A Mobile Accident Service van, donated by Messrs. India Tobacco Co. Ltd., through Bombay Pradesh Congress Committee, is attached to the Emergency Ward, which is rendering a valuable service. From 19-11-1974 to 31-12-1974, the van has attended 16 calls and 178 patients have been resuscitated in the Emergency Ward.

AFTERNOON OUT PATIENT DEPARTMENT

Four Out-patient Departments have been started from 6-10-1969. The working hours are from 2.00 p.m. to 6.00 p.m. 44,997 patients were treated in the Afternoon O. P. D. in the year 1974-75. The Departments are :—

Departments	Patients treated
(1) Medical	11,792
(2) Surgical	20,233
(3) Orthopaedic	4,161
(4) Paediatrics	8,811

INDOOR PATIENTS

The schedule bed strength of this hospital is 537. The distribution of beds, according to the departments, is shown in Appendix V. 46,616 patients were admitted for Indoor treatments during the year as against 40,541; 43,007, and 46,552 during the preceding 3 years respectively.

The departmentwise distribution of 46,616 admitted patients plus 968 patients of previous year remaining as on 31-12-1973 is given below, along with respective figures of previous year.

Serial No.	Name of the Department	Patients treated	
		1973	1974
(1) Medical	..	12,375	12,117
(2) Surgical	..	10,906	11,464
(3) E. N. T.	..	1,637	1,527
(4) Ophthalmic	..	1,060	1,024
(5) Skin	..	118	93
(6) Dental	..	8	3
(7) Paediatric	..	8,136	7,944
(8) Psychiatric	..	290	346
(9) Orthopaedic	..	2,734	3,223
(10) Gynaec	..	1,858	1,693
(11) Obstetrics	..	7,430	7,182
Remaining as on 31-12-1972		915	968
Total	..	47,467	47,582

The results of treatments are :—

Hospital	Cured	Relieved	Otherwise	Delivered	Left before delivery	Expired	Remaining as on 31-12-74
L. T. M. G. Hospital	2,531	30,029	2,125	..	..	3,089	820
Annapurnabai Deshmukh Hospital for Women	348	1,546	1,210	4,815	923	31	117
Total	2,879	31,575	3,335	4,815	923	3,120	937

In addition to 3,120 deaths among adults, there were 414 deaths due to prematurity, still-birth and other causes prenatal and neonatal mortality. The classification of deaths, according to their time of admissions is given below :—

Within 24 hours of Admission	After 24 hours of Admission but within 3 days	After 3 days of Admission	Total Deaths
1,289	809	1,022	3,120

OUT PATIENTS

The Out patient departments, have worked for 305 days during the year under report. The system of handing over the O. P. D. papers, to the patients has been started since December 1969. 2,67,708 new patients have taken treatments from the various Out Patient Departments during the year under report.

The highest In-patient and Out-patient attendance (only new attendance) on a single day was 1087 and 1094 respectively.

PAYING PATIENTS

The scheme was given effect from 1st September 1951. Rs. 6 per patient per day are being charged for general paying ward. The number of patients admitted under the scheme during the year under report as compared with last two years is given below :—

Particulars	1972	1973	1974
(1) General Paying Ward and B. E. S. T. Patients	988	1,032	1,042
(2) No. of Operations performed on Paying Patients—			
(a) Major	256	254	307
(b) Minor	272	266	295

CONCESSION TO MUNICIPAL EMPLOYEES FOR PAYING BED SCHEME

The Corporation under S. C. R. No. 3735 of 10-3-1973 and C.R. No. 2690 of 23-3-1973 has accorded sanction to charge 50 per cent. of the rates to Municipal Employees and their family members seeking admission to paying beds with effect from 23-3-1973.

CASUALTY DEPARTMENT

39,481 accidents and other emergency cases were treated in the Casualty Department during the year under report.

MINOR SURGERY DEPARTMENT

16,302 minor operations were performed in the Minor Surgery Department during the year under report.

PATHOLOGY DEPARTMENT

2,63,994 investigations were carried out in the Department of Pathology and Bacteriology in 1974. 1,321 autopsies were performed during the year under report.

A special Laboratory has been set up to work round the clock for the traumatic emergency service. The department has also undertaken work for the Maa Hospital, Chembur.

ANAESTHESIA DEPARTMENT

During the year under report, the total number of patients who received anaesthesia in various theatres and the Minor Surgery Department of this hospital was as under :—

Operations		Routine	Emergency	Total	General	Spinal
Surgical	General	2,756	826	3,582	3,307	505
	Plastic	230*	..	230	230	..
		2,986* (1815)	826	3,812	3,537	505
Orthopaedic		2,062 (1064)	1,094	3,156	3,140	16
Gynaec		1,630 (1635)	114	1,744	950	794
E. N. T.		1,274 (1287)	45	1,319	1,319	..
Septic O. T.		..	775	775	775	..
Ophthalmic		150 (200)	..	150	150	..
Labour Ward		104 (50)	21	125	125	..
Radiology		35 (40)	..	35	35	..
Dental		36 (100)	..	36	36	..
E. C. T.		661 (800)	..	661	661	..
Minor Surgery		183	..	183	183	..
Recovery Room		Pt. Admitted 2,065		Pt. kept on Respirator 38		

* As can be seen from the routine cases (1973 record in to bracket) that, we have planned our work much better to increase the routine work in General Surgery and Plastic by 1171 cases and Orthopaedic by about 1000 cases. The postponement of operations was also very minimum.

(i) Last year we used post operative Recovery ward to the maximum. After the operation, 2065 patients were kept for a varying period for observation in the recovery ward, out of them 38 patients required intensive care treatment with respirators.

(ii) In January 1974, we received the Hewlett Peckard Cardioscope defibrillator and pacemaker, which has been very useful. We require 3 more such equipments.

(iii) We have started using Locally made Air-ether apparatus which has helped us to tide over the crisis of non-availability of N2O.

(iv) During the later part of 1974, we have received the Acid-base monitoring apparatus for measuring PH, PO2, PCO2. The equipment has yet to be put into operation, as there are some technical difficulties about getting the air and CO2 Cylinders refilled.

(v) The department took leading part in organizing, starting and maintaining the Accident van and Emergency ward.

(vi) Most of the small equipments deficits were made up during the year.

(vii) Academic report :—

From the department we had excellent result in both D. A. & M. D. examinations.

	Appeared	Passed
D.A.—April 1974	4	3
D.A.—October 1974	5	5
M.D.—April 1974	4	3 (All at first attempt).
M.D.—October 1974	1	1

(viii) We were holding weekly departmental meetings where activities like, journal reviews, seminars panel discussions, case discussions, Guest lectures, were carried out.

(ix) We presented two papers. (1) "Post anesthetic Recovery Score" and (2) "Althesin as sole Inter-Venus anaesthetic agent" at the annual conference of Indian society of anaesthetist, at Lucknow.

ELECTROCARDIOGRAPHY DEPARTMENT

9,855 Electrocardiographic tracing were taken during the year under report including 45 vectorcardiograms.

HEALTH CHECK-UP CENTRE.

The Centre works from 6-00 p. m. to 7.30 p. m. on days and 2.00 p. m. to 4.00 p. m. on Saturday. It remains closed on Sunday and Bank Holidays. The health of a person in apparent good health is checked up and all routine examinations such as Blood, Urine, Stool, Screening etc., are carried out on payment of Rs. 10. A card showing the results of the various investigations is given to the person. Special investigations such as X-Ray etc., are carried out if required. During the year under report, 70 persons have taken advantage of the same.

During the year 1974-75, the total receipt was Rs. 700.00 whereas, the expenditure incurred was Rs. 3,900.00 as against total receipt of Rs. 2,280.00 Rs. 1,870.00 Rs. 1,120.00 and expenditure of Rs. 3,900.00 Rs. 3,900.00 Rs. 3,850.00 during preceding three years.

The Medical Check-up Scheme is an absolutely voluntary scheme for the patients to come on their own to the Check-up Centre.

X-RAY DEPARTMENT

The work done in the X-Ray Department during the last 3 years is as follows :—

Serial No.	Particulars	1972	1973	1974
1	X-Ray (No. of films)	56,944	63,156	80,123
2	Bariums Meals & Enemas	1,489	1,457	1,543
3	Special investigations	1,396	2,682	1,222
4	Other Misc. Investigations	34,080	33,736	49,042
5	Deep X-Ray	528	241	13
6	Aortography			97
7	Bronchography			25
8	Cerebral Angiography			54

DENTAL DEPARTMENT

16,107 patients were treated in the Dental Department during this year for various tooth troubles.

ANTI-RABIC DEPARTMENT

3,476 patients were treated in the Anti-Rabic Department during the year under report.

BLOOD BANK

The total number of blood samples collected from Voluntary donors was 1,775 and from Professional donors 1,571. The total number of relatives donors was 539. The number of blood samples supplied for transfusion during the year was 4,016.

PHYSIOTHERAPY AND OCCUPATIONAL THERAPY DEPARTMENT

The work done in these departments, during the year under report is shown below (O. P. D. and In-patients).

Serial No.	Department	No. of patients	No. of visits
1	Physiotherapy Deptt.	9,042	1,52,906
2	Occupational Therapy Deptt.	14,448	1,18,877

A sheltered workshop has been started in December 1969 and progressing steadily. The team spirit shown by the Occupational Therapy, Medical Social Workers and Physiotherapy Department has resulted in the employment of many severely disable patients, especially Paraplegics. Mending and Tailoring are the main activities. Each patient earns about Rs. 100.00 per month.

In the month of March 1974, one patient participated in the world day of disable sports and won many prizes. Shri N. K. Murlidhar a paraplegic patient also participated in the International Wheel Chair Games at U. K. and he stood IVth.

AUDIOLOGY AND SPEECH THERAPY DEPARTMENT

The department has been started from January 1970. During the year 1974, 1,030 patients have taken advantage of this department and the total number of visits were 3,310.

This department needs a new sound proof room for the purpose of audiometry.

FAMILY PLANNING CENTRE

A family planning centre is run here for the benefit of the patients attending the hospital. The work done in this centre during the year under report is as follows :—

1	No. of Vasectomy operations performed	429
2	No. of Sterilization operations performed	714
3	No. of loops inserted	530
4	No. of patients given oral pills	364
5	No. of patients given Condoms	2,990

Contraceptives such as Jelly, Foam tubetests, Applicators Diaphragm were also given.

SCHOOL CLINIC DEPARTMENT

School Clinic Department has started from 8th July 1965 at this hospital. 1,647 New and 9,241 Old case from 110 different Municipal Schools from the suburbs, 32 City schools 136 New and 283 Old cases from 13 different Secondary Schools were treated during the year under report. 50 tonsil operations and 2 other operations were performed on School children. Spectacles have been given to 81 students. Medicine worth Rs. 12,803.05 were supplied to the children during the year. 311 old Primary and 41 Old Secondary O. P. D. cases were treated on Saturdays and Holidays during the year under report.

MEDICO SOCIAL SERVICE DEPARTMENT

The work done by the Medico Social Service Department during the year 1974 is as follows :—

1	No. of cases given medical aid	433
2	No. of cases given (Catholic Relief Services) high protein products (Mrs. C. F. Lobo)	300
3	No. of cases referred for Prosthesis blood etc., and were either socially evaluation or were given case work service	2,593
4	No. of blood donation camps arranged by the M. S. W.	23
5	No. of voluntary blood donors	1,775
6	No. of professional donors	1,571
7	No. of relative donors	539

PREVENTIVE AND SOCIAL MEDICINE DEPARTMENT.

Undergraduate Training :— Training extends from 1st M. B. B. S., IIrd terms to IIIrd M. B. B. S., IIIrd terms and Public Health Training Programme of 3 months during the interaship period.

The department has instituted Mobile Medical Care for slums areas on receipt of donation of Mobile Medical Van by B. P. C. C. at an approximate cost of Rs. 92,000.00 at the hand of Smt. Indira Gandhi, Prime Minister of India, in November 1972.

Mobile Under Five Clinics :— There are about 5 Mobile Under five clinics.

1 Antop Hill Wadala	} New enrollment—	1,445		
2 Ghatla Village, Chembur.			} Immunization—	1,405
3 Lal Donger, Chembur.				
4 Mobile Crech, Andheri				
5 Sidharth Nagar Colony				
	} Polio Triple.			

Slum Communities :—

1 Antop Hill, Wadala	} Total No. Medical Aid	8,692		
2 Ghatla Village, Chembur.			} Immunization	543
3 Lal Donger, Chembur.				
4 Matunga Labour Camp.				

FAMILY HEALTH AND WELFARE

School Health :—

(a) Sion Koliwada—	.. Primary Municipal School, 405 Children medically examined, 156 were found defective,
Immunization—	.. T. A. B. Cholera .. 792
	.. Small Pox .. 812
	.. D. T. .. 223
(b) Sadhana Vidyalaya—	.. 615 students medically examined.
Immunization	.. Small Pox .. 740
	.. D. T. .. 445
(c) Santan Dharam School—	.. Small Pox .. 513
Immunization	.. ..

Maharashtra State Women's Council—100 Children below 5 years Medical Examination done.

FAMILY PLANNING PROGRAMME

Total Eligible Couple Survey	.. .. .. .. ..	730
Vasectomy	.. .. .. .. ..	47
Tubectomy	.. .. .. .. ..	15
Oral Contraceptives	.. .. .. .. ..	48

HEALTH EDUCATION

It is carried out in slum communities, Schools Child Welfare Centres, through health talks, film shows, Exhibitions etc.

INTERNSHIP TRAINING PROGRAMME

The entire internship training including Rural Health Training Programme is organised by the Department P. S. M. This includes planning & supervision of interns placed in the L. T. M. G. Hospital and the Peripheral Hospital like Kurla Bhabha, Maa Hospital, Chembur and Mulund General Hospital and Raoli Camp Diagnostic Centre. All the records of Programme are maintained by the Department.

MEDICO-LEGAL CASES

During the year under report, the Resident Medical Officers attended the following courts for giving evidences in Medico-legal Cases.

1 Metropolitan Magistrates Courts in Bombay	.. .. ..	927
2 Sessions Courts	.. .. ..	47
3 Thana Court	.. .. ..	10
4 Coroner Court	.. .. ..	2
5 Alibaug Court	.. .. ..	2
6 Dapoli Court	.. .. ..	1
7 Ulhas Nagar Court	.. .. ..	1
8 Bhiwandi Court	.. .. ..	1

3,463 Injury Certificates were issued to the various Police Stations.

FLYING MATERNITY SQUAD.

The Flying Maternity Squad donated by the Indian Red Cross Society, Bombay Branch, is rendering valuable service to female patients in difficult labour cases.

The service is kept alert round the clock. One Registrar and One Staff Nurse is attached to the Squad. Whenever a medical practitioner in city or suburbs finds that a maternity case need immediate special attention, such as supply of Oxygen, blood transfusion or hospitalization, a call can be made on phone 476381 and the Flying Maternity Squad reaches there within the minimum time and provides the necessary assistance.

During the year under report, the Squad has attended 36 calls.

DISPENSARY

The work carried out in the Dispensary of this hospital during the year under report as follows :—

1	Out patients	..	..	..	..	..	..	3,13,222
2	In-patients	..	..	..	..	..	..	103
3	Special prescriptions	..	..	..	..	..	..	55

DEPARTMENT OF PHARMACY

More than one lakh I. V. Fluids were manufactured in bottles and vials.

The I. V. fluids manufactured in the bottles were Glucose Saline 5 per cent and 10 percent Normal Saline, 0.9 per cent Glucose Saline 5 per cent plus 9 per cent Hypertonic Saline 20 percent Balanced Electrolyte Solution, Burn Intravenous Fluid, Hartmanns Lactated Ringers Solution, Sodium Citrate 3.2 per cent, Anticoagulant A.C.D. Ringer Lactate, Fructo Dextrose 10 per cent, Peritoneal Dialysis Fluid A. B., Glycine 1.9 per cent, Mannitol 2 per cent, Alcohol Dilution 20 per cent.

The I. V. Fluids manufactured in the vials, were water for injection, Novocaine 1 per cent and 2 per cent, Glucose 25 per cent and 50 per cent, Sucrose 50 per cent, Paraldehyde repacking, Potassium Chloride 10 per cent, Atropine Sulphate 0.1 per cent, Boric Borate Buffer, Molar sodium, Lactate Sodium Iodide 12.5 per cent, Penicillin Test Solution 5 Units/ml.

About 400 Transfusion sets are prepared, washed, sterilized and supplied in dressing drums to various wards, operation theatres and emergency wards.

Manufacturing of liquid and enema soaps is undertaken on small scale in the non-sterile section of the pharmacy department wherein different concentrations of cetavion is also prepared.

Apart from central sterile supply in the operation theatres, sterilization work of various wards is undertaken in the pharmacy department.

Any new preparation for internal or external use suggested by doctors is also undertaken in this department.

NURSES TRAINING SCHOOL

During the year under report, 64 student nurses were admitted for training in General Nursing and 40 for Midwifery. 68 and 37 Nurses were sent for General Nursing and Midwifery Examination out of which 50 and 27 have passed respectively.

At present 174 general Nursing students and 20 Midwifery students are taking training in this institution.

Mayors Best Nurses award was awarded to two student nurses this year.

(i) Miss R. M. Dias.

(2) Miss Mary Mathew.

Also a best nurses silver cup of Municipal Corporator Mrs. Parvati Porlkar was award to Miss R. M. Dias this year.

AMBULANCE SERVICE

The Casualty Department has been shifted in the College building from 21st September 1970 and round the clock ambulance service is maintained for reaching the admitted patients to the various wards.

Mobile Accident Service Van, Donated by Messrs. India Tobacco Co. Ltd., through Bombay Pradesh Congress Committee is equipped with a wireless Set, has started functioning from 19-11-1974

POOR BOX CHARITY FUND

The amount in the Poor Box Charity Fund as on 31st March 1974, stood at Rs. 4,14,614.75. Collection from the boxes donations, sale of drugs and injections and other miscellaneous receipts during the year amounted to Rs. 1,42,034.00 and expenditure through the poor Box Charity Fund was Rs. 80,229.94. The total amount in the fund as on 31st March 1975 stood at Rs. 4,76,418.81.

The list of persons who have donated over Rs. 50 is given in Appendix—VI.

CERTIFICATES

5,569 Certificates of different types were issued to the patients during the year under report.

SPECIAL FACILITIES FOR MUNICIPAL EMPLOYEE

Separate counters have been reserved at the Registration Department, Dispensary and Afternoon O. P. D. from 4.00 p. m. to 5.00 p. m. at this hospital for the Municipal Staff.

GIFT SHOP

A Gift Shop for the benefit of the patients has been started in the Dispensary of this Hospital, which is one of the activities of the Poor Box Charity Fund and the proceeds realised therefrom are utilized for the benefit of the poor patients attending the hospital. During the year under report, medicines worth Rs. 25,217.43 were sold from the Gift Shop.

EXPENDITURES

The approximate expenditure of the Hospital for the year 1974-75 was Rs. 1,48,33,512.00. The details of the expenditure per patients per day as compared with last 2 years is given below :—

Expenditure per Out-patient per day:—

Year.	Medicines Drugs Equipment.	Stores & Linen	Heating & Lighting	Misce- llane- ous.	Repairs to Bldgs.	Establi- shment	Total
1972-73	1.56	0.44	1.17	0.82	0.38	3.96	7.43
1973-74	1.70	0.45	0.22	0.51	0.01	3.98	6.90
1974-75	3.04	0.65	0.22	0.65	0.17	6.07	10.80

Expenditure per In-patient per day:—

Year	Diet.	Medicines Drugs Equipment.	Stores and Linen	Heating and Lighting.	Misce- llaneous.	Repairs to Bldgs.	Establi- ment	Total
1972-73	2.27	8.05	2.23	0.70	3.34	1.54	16.27	34.40
1973-74	3.27	7.42	1.76	0.85	2.67	0.40	15.77	32.14
1974-75	4.62	11.94	2.57	0.82	2.63	0.68	23.61	46.87

DR. V. N. PANSE.

Dean,

L. T. M. G. Hospital, Sion.
Bombay-22.

APPENDIX I
RESULTS OF DIFFERENT EXAMINATION

Year	Examination	Appeared	Passed	% of Passing	Stood First	Mark Secured
April 1974	Ist M.B.B.S.	21	20	95%	Shri Govindani N. F.	401
	IInd M.B.B.S.	56	49	87.5%	Shri Atri S. S.	393
	IIIrd M.B.B.S.	26	21	80.77%	Shri Shah R. K. Shri Turahia B. P.	619 619
October 1974	Ist M.B.B.S.	71	63	88.73%	Shri Parekh B. J.	586
	IInd M.B.B.S.	15	13	86.6%	Smt. Lalitha R.	415
	IIIrd M.B.B.S.	52	44	84.62%	Shri Deshmukh V. M.	713

APPENDIX II

Prizes and Awards won by the Students of our College during 1974-75.

- (A) The following university prizes were won by Mr. V. M. Deshmukh, for standing first in order of merit in Bombay University in the III M. B. B. S. examination (October 1974).
 (i) The Manorama Vijayarai Hazarat Scholarship.
 (ii) The Lady Shantabai Sitaram Patkar Gold Medal and Prize.
 (iii) The Bhagwandin Dube Scholarship in Medicine.
 (iv) The late Dr. Yeshwant Govind Apte prize for being above 70 per cent at grant total
- (B) The following university prizes were won by—
 Mr. V. M. Deshmukh for securing the highest aggregate marks in Medicine at the III M. B. B. S. exam. (October 1974).
 (i) Dr. R. S. Poradi Gold Medal and prize.
 (ii) Dr. Govind Vishnu Juvekar prize.
 (iii) Dr. Sorabjee Scholarship.
 (iv) Shri Gordhandas Bhalji Prize for Medicine.
- (C) The following university prizes were won by Mr. J. M. Deshmukh for standing first in the subject of Gynaecology and Obstetrics at the III M. B. B. S. examination (October 1974) of the Bombay University.
 (i) The Balkrishna Sudamji Prize.
 (ii) The Bai Bachubai Pheroj Shah Vakil Prize.
- (D) Dr. Nadgir university prize was won by Mr. Bakulesh Parikh for standing first in the subject of Anatomy at the Ist M. B. B. S. examination (October 1974) of the Bombay University.

DRAMATICS

- (1) 'Ek Ashi Pari' Marathi One out play staged of shows. Winner of 3rd prize in Bombay University Youth Festival One out play competition in Marathi.
- (2) Mr. G. B. Borkar : (a) Best Actor Award.
 Play: 'EK ASHI PARI'.
 Competition : Outer Collegiate one at play competition organized by 'UNMESH'.
 (b) Merit certificate for acting.
 Play: 'EK ASHI PARI'.
 Competition : Bombay University Youth festival one out play competition in Marathi.
- (3) Mr. N. N. Ghia : Certificate of Merit in acting.
 Play: 'Bhookhe Bhajan Na Hoye Gopala'.
 Competition : Outer Collegiate one out play contest in Hindi organised by 'IPTA'.

APPENDIX III

List of publications and Research works carried out in Pre and Paraclinical Department during 1974-75.

DEPARTMENT OF PHYSIOLOGY

Research & Publications of Dr. N. A. Dabholkar—

(1) Research problem undertaken:—

“Effect of short terms fermented food on blood fibrinolytic activity.”

DEPARTMENT OF PHARMACOLOGY

Problems undertaken:

- (1) Mechanism of action antibiotic and hypoglycaemic action of B. pertussis.
2. Clinical trial on antidiabetic effect of B. pertussis vaccine in collaboration with medicine unit I—a staff research society project.
3. Adverse drug reaction in collaboration with Medicine unit III.
4. T3 uptake studies in pregnancy and sterility.
5. Experimental studies of Ayurvedic drugs alongwith Paediatric Department.

Papers published:—

1. H. L. DHAR: Carbohydrate Metabolism and Experimental hypersensitivity reaction: Aspt Allergy Immunol 7, 71, 1974.
2. H. L. DHAR & S. S. Ainapure: Hypoglycaemic effect of B. pertussis vaccine, Aspt. Allergy Immunol 7, 77, 1974.
3. H. L. DHAR & S. R. Melgiri: Liver function and anaphylactic shock in dogs Aspt. Allergy Immunol 7, 81, 1974.
4. H. L. DHAR, M. K. Dhirmani & U. K. Sheth: Clinical trial on B. pertussis vaccine in insulin resistant patients: Brit. J. clin. practice Feb., 1975.

Papers presented in Conference:—

1. H. L. DHAR & S. S. Ainapure Mechanism of anti diabetic effect of B. pertussis vaccine: International Congress on physiological sciences, New Delhi, October 1974.
2. H. L. DHAR: Carbohydrate Metabolism and B. adrenergic Block in anaphylaxis. Setellite symposium of International Congress on Physiological sciences and annual convention of Indian College of Allergy Bhopal October 1974.
3. H. L. DHAR: Relationship of blood sugar level on Anaphylactic gastic setellite symposium on Histamine Tropical School, Calcutta, November 1974.

DEPARTMENT OF GYNAEC AND OBSTETRICS

Research Programme 1973-74.

With Collaboration of I. F. R. P. following research were conducted.

1. Medical Termination of Pregnancy Follow up survey.
2. Menstrual Regulation.
3. Follow up of sterilization cases.

The following members were sent for training programme in fertility research.

- (1) Dr. S. Rao. (1) Family Planning Officer.
- (2) Dr. V. Walvekar. (2) Tutor.

Dr. L. V. Baxi paid a visit to various centers in U. S. A.

Papers:—

Various papers were presented in conferences National and International.

List of Publications of Dr. S. D. Kanitkar:

Post Abortal Fertility Control: .. Presentation at VI Asian Congress in Obst. Gynaec, Kuala Lumpur, Malaysia, 20-27 July 1974.

Report of 150 cases of Medical Termination of Pregnancy. Journal of Obst. & Gynaec of India, Vol. XIV. No. 4 Aug. 1974.

The Evaluation of Ovulen 50 Meg. as Oral Contraceptive. Journal of Obst. & Gynaec of India, Vol. XXIV, No. 4 page 397.

Post Partum Programme Papers read in Family Planning Conference held on 20 December 1974 in Bombay.

APPENDIX IV

DISTRIBUTION OF BEDS ACCORDING TO DEPARTMENT

Department.	Male	Female	Children	Total.
(A) Non Paying Beds :—				
Medical.	65	52	...	117
Surgical.	61	30	9	100
Orthopaedic.	15	5	3	23
Gynaec & Obstetric.	...	90	...	90
Ear, Nose & Throat.	12	4	8	24
Ophthalmic...	12	8	4	24
Skin.	7	7	3	17
Paediatric.	...	...	65	65
Psychiatric...	9	8	...	17
Total.	181	204	92	477
(B) Paying Beds :—				
Medical.	12	6	...	18
Surgical.	13	6	...	19
Gynaec & Obstetric.	...	13	...	13
Total.	25	25	...	50
(C) Beds Reserved for B. E. S. T. undertaking staff.				
Medical.	5	...	...	5
Surgical.	5	...	...	5
Total.	10	...	...	10
Grand Total.	216	229	92	537

APPENDIX V

SUMMARY OF IN PATIENTS, OUT PATIENTS AND OPERATIONS

(A) In patients :—				
(1) Schedule Strength of Beds.	...	...	...	537
(2) Daily average No. of In-patients.	...	...	...	933
(3) Total No. of Indoor Admissions.	...	...	...	46,616
(4) Daily average No. of Admissions.	...	...	...	128
(5) Highest Indoor patient on a single day.	...	...	...	1,094
(6) Average No. of days each patient was resident.	...	...	...	7.3
(B) Out patients :—				
(1) Total No. of O. P. D. patients (New).	...	...	...	2,67,708
(2) Daily average No. of O. P. D. patients.	...	...	...	877
(3) Highest O. P. D. attendance on a single day.	...	...	...	1,087
(C) Operations :—				
(1) Total No. of operations performed on In-patients.	...	...	...	15,142
(2) Total No. of Operations performed on Out-patients.	...	...	...	16,302

APPENDIX No. VI

List of persons who have donated more than Rs. 50 during the year 1974-75.

Serial No.	Name of the Donor	Amount.
		Rs.
1.	Fakir Chand	101.00
2.	Messrs. Fatnon Charitable	1,111.00
3.	Umabai Hattangadi	101.00
4.	Ravaji K. Ganatra	100.00
5.	Secretary Jain Shwetamber Murtipujak Sangha	351.00
6.	The American Women's Association	1,500.00
7.	Messrs. P. Ramanlal & Co.	101.00
8.	Messrs. Zandu Pharma Works	101.00
9.	Shivraman V.	101.00
10.	Vishwanath Devan	100.00
11.	Sitaram Jitaram	51.00
	Total	3,718.00

GROUP OF T. B. HOSPITALS, SEWRI

MEDICAL RECORD DEPARTMENT.

Summary of the Annual Administration Report of Group of T. B. Hospitals, Sewri, Bombay-15.

The Annual Administration Report of the Group of T. B. Hospitals for the year 1974-75 is summarised as follows :—

I.—Expenditure :—

	Rs.
(A) 1. Amount spent on In-patients ..	69,61,277
2. Amount spent on Out-patients ..	12,37,870
3. Total Expenditure excluding New Works ..	1,29,43,835
4. Expenditure on New Works ..	..
(B) 1. Average cost per In-patient Per day ..	23.53
2. Average cost per Out-patient per day ..	6.03

II.—Results :—

(A) 1. Schedule Bed Strength	830	G.T.B. Hosp., Sewri.
	88	R.D.T.B. Hosp., Dadar.
	1200	Sarvodaya Hosp., Ghatkoper.
	2118	
2. Daily average In-patients in Wards ..	790	
3. Total Number of admission including those brought over from the previous year. ..	7783	
4. Total number of patients discharged :—		
(i) Relieved ..	5771	
(ii) Non-T. B. ..	49	
(iii) Left Against Medical Advice ..	514	
(iv) Expired ..	690	
(v) Remained in the hospital on the last day of the year. ..	759	
5. Average stay of In-patients ..	2 Months.	
(B) 1. Total number of New Out-patients ..	19,294	
(C) 1. Total number of Operation on In-patients. ..	437	

III.—Deficiencies :—

1. Inadequate facilities for diagnosis and treatment of T. B.
2. System of Domiciliary treatment not yet implemented in all T. B. Clinics.
3. No. T. B. Hospital in Western (Suburbs).

IV.—Suggestions :—

1. Immediate need is for G. T. B. Clinics in City and Suburbs.
2. Domiciliary Treatment Units with Mobile Van to be implemented in all T. B. Clinics.
3. T. B. Hospitals to be started in Western (Suburbs).

V.—Special Information :—

1. Total No. of Health Visits ..	10072
2. Total No. of patients taken advantage of Domiciliary Treatment at Isolation Centre, Dadar. ..	17602
3. Total No. of patients put on Waiting-list ..	17223
4. Total No. of patients attended for follow-up Examination for Check-up. ..	2920
5. Group of T. B. Hospitals and four T. B. Clinics continued to be recognised for Diploma Course in T. D. D. by the College of Physicians and Surgeons, Bombay as well as Degree Course in M. D. (Tuberculosis) by the University of Bombay.	

GROUP OF T. B. HOSPITALS, SEWRI.**Administration Report for the year 1974-75.**

Dr. A. P. Rao, MD, TDD, FCCP (U.S.A.) held the post of the Medical Superintendent throughout the year.

The total number of beds for Pulmonary Tuberculosis cases at the disposal of the Bombay Municipal Corporation (Tuberculosis Services) was 2118 as detailed below :—

Name of the Institution	Male	Female	Child	Total
(1) Group of T. B. Hospitals—				
(a) Medical	.. 387	250	35	672) 830
(b) Surgical	.. 96	62	..	158)
(2) Isolation Centre attached to Ramkunwar Daftary T. B. Clinic, Dadar.	.. 44	44	..	88
(3) Sarvodaya Hospital, Ghatkopar.	.. 1025	175	..	1200
Total	.. 1552	531	35	2118

Group of T. B. Hospitals. Sewri. Bombay.

The total number of patients examined at the Registration Centre of the Group of T. B. Hospitals and put on waiting list during the year was 17223.

The total number of patients in the various stages of Pulmonary Tuberculosis treated during the year was 7783, out of these 5771 discharged as improved 49 discharged as Non-Tuberculosis cases, 514 left against medical advice, 690 died and 759 remained under treatment at the close of the year. Mortality figures revealed the high incidence in the age group of 31-35. Ratio of death percentage of total treated was 9.8 percent, Major Lung Operations were performed during the year in 437 cases.

Follow up of Discharged Cases.

The Total number of patients who attended the Group of T. B. Hospitals for Follow-up examination after discharged from the hospitals was 2920 during the year.

Teaching.

Clinical teaching in Tuberculosis was given to batches of undergraduate medical students of Seth G. S. Medical College and L. T. M. G. Medical College and to the Post-graduate D. P. H. students of Bombay University as in previous years.

Group of T. B. Hospitals and the Four T. B. Clinics continued to be recognised for diploma course in Tuberculosis *i. e.* T. D. D. by the College of Physicians and Surgeons, Bombay as well as for the degree course *i. e.* M. D. (Tuberculosis and Chest Diseases) by the University of Bombay.

Ramkunwar Daftary T. B. Isolation Centre, Dadar.

Advanced infectious tuberculosis patients are admitted to this centre primarily from the view-point of segregation from the surrounding areas and symptomatic treatment. The total number of patients treated during the year was 554 of these 245 were discharged as improved, 134 as not improved, 55 left against medical advice, 69 died and 49 remained under treatment at the close of the year.

Domiciliary Treatment at Isolation Centre Dadar.

One mobile Van has been provided at R. D. T. B. Hospital & Clinic, Dadar from 2nd June 1970 for conducting domiciliary treatment scheme for T. B. patients covering area around this Clinic. 17,602 patients took the advantage of this scheme during the year 1974.

Municipal T. B. Clinics.

Four T. B. Clinics Viz. Princess Street, Foras Road, Dadar and Khar continued to serve as diagnostic centres for Pulmonary Tuberculosis patients and treatment centres with Specific anti-Tuberculosis drugs. They also serve as out-patient centres for admissions at the Group of T. B. Hospitals, Sewri or Sarvodaya Hospital, Ghatkopar (on Municipal Beds). Health visiting is also performed through the T. B. Clinics. The total number of health visits during the year was 10072.

Total number of out-patients attended and treated at the T. B. Clinics during the was as below :—

Name of the Clinic.	Total No. of Pts. Attended.	T. B. Cases.	Non. T. B. Cascs.
1 R. D. T. B. Clinic, Dadar.	16168	8263	7905
1 Princess Street T. B. Clinic.	15131	2795	12336
3 Foras Road T. B. Clinic.	7472	2589	4883
4 Khar T. B. Clinic.	16675	5647	11028
	<u>55446</u>	<u>19294</u>	<u>36152</u>

EXPENDITURE.

The average expenditure per patient per day at the G. T. B. Hospitals was Rs. 23.53. The expenditure on diet per patient per day was Rs. 4.87. The total annual expenditure of the Group of T. B. Hospitals amounted to Rs. 69,61,277 as against Rs. 58,85,206 during previous year.

The rate of charges for the patient hospitalised at Sarvodaya Hospital, Ghatkopar, on behalf of the Bombay Municipal Corporation was Rs. 10/- per patient per day with effect from 1st April, 1970 and Rs. 2/- per day vacant bed. The expenditure incurred on the patients accommodated on the reserved beds at the said hospital was Rs. 47,44,669 as against Rs. 41,52,600 for the previous year. The total expenditure on the four T. B. Clinics attached to the Group of T. B. Hospitals, Sewri, was Rs. 12,37,870. Thus the total expenditure incurred by the Corporation on Tuberculosis Services was Rs. 1,29,43,835.

Poor Box collection including fees for issue of Medical certificates was Rs. 20,497. This collection is utilised for the benefit of the poor and needy patients and incidental expenses in consequence.

Dr. A. P. RAO,
Medical Superintendent,
Group of T. B. Hospitals.

LEGAL DEPARTMENT

During the year under report, the Legal Department attended to the litigation of the Corporation rendered legal services as under:—

I.—Supreme Court—							
Appeals	..	..	..	..	..	..	31
II.—High Court—							
1. First Appeals	..	..	..	..	..	..	338
2. Second Appeals	..	..	..	..	..	..	..
3. Appeals from Order	..	..	..	..	..	..	118
4. Letters Patent Appeals	..	..	..	..	..	..	198
5. Civil Applications	..	..	..	..	..	..	412
6. Civil Revision Applications	..	..	..	..	..	..	21
7. Special Civil Petition	..	..	..	..	..	..	104
8. Long Causes suits	..	..	..	..	..	..	97
9. Arbitration suits	..	..	..	..	..	..	04
10. Appeals before Division Bench	..	..	..	..	..	..	15
11. Insolvency matters & Company petitions	..	..	..	..	..	..	231
12. Writ petitions	..	..	..	..	..	..	295
13. Notices of Motions	..	..	..	..	..	..	15
14. Land Acquisitions References	..	..	..	..	..	..	35
15. Pauper Petitions	..	..	..	..	..	..	03
II-A.—Allahabad High Court—							
Insolvency matter	..	..	..	..	..	..	01
II-B.—Jodhpur High Court—							
Insolvency matter	..	..	..	..	..	..	01
III.—City Civil Court—							
1. Suits	..	..	..	..	..	..	5950
(a) Suits filed by the Corporation	..	..	..	..	..	..	5
(b) Suits filed against the Corporation	..	..	..	..	..	..	1505
(c) Injunctions attended	..	..	..	..	..	..	2473
2. Miscellaneous Appeals.	..	..	..	..	..	..	139
IV.—Small Causes Court—							
1. Suits	..	..	..	..	..	..	38
2. Appeals against Rateable value	..	..	..	..	..	..	686
3. Garnishee Notices	..	..	..	..	..	..	16
4. References under Section 503 of Bombay Municipal Corporation Act..	..	..	..	..	..	..	38
5. Licences and Octroi Appeals and setback compensation petitions	..	..	..	..	..	..	93
6. Appeals from orders of payment of Wages Court	..	..	..	..	..	..	..
7. Full Court applications	..	..	..	..	..	..	12
V.—Police Court—							
1. Complaints instituted for offences against Municipal Laws	..	..	..	..	..	..	17655
VI.—Labour and Industrial Court—							
1. Reference before Industirl Tribunals	..	..	..	..	..	..	3
2. Applications before payment of Wages Courts	..	..	..	..	..	..	1
3. Applications before Labour Courts	..	..	..	..	..	..	5
4. Applications before Motor Accidents Claims Tribunal	..	..	..	..	..	..	35
5. Applications before the Workmens Compensation Courts	..	..	..	..	..	..	9
6. Applications before Employees Insurance Court	..	..	..	..	..	..	1
VII.—Municipal Inquiry Courts under Section 105-B of the Bombay Municipal Corporation Act							4306
VIII.—Documents Completed During the year—							
1. Conveyance	..	..	..	..	..	..	16
2. Agreements for handing over possession	..	..	..	..	..	..	8
3. Leases	..	..	..	..	..	..	23
4. Certificate of Sales	..	..	..	..	..	..	30
5. Deeds of Transfers	..	..	..	..	..	..	4
6. Licence & Deed of Covenants	..	..	..	..	..	..	78
7. Agreements	..	..	..	..	..	..	57
8. Indemnity Bonds	..	..	..	..	..	..	30
9. Cases for compensation for set back land	..	..	..	..	..	..	197
10. Cases for compensation in T. P. Scheme	..	..	..	..	..	..	30
11. Advice matters in respect of stamp duty, Town Planning, setback, P. F. claims, Agreements, Misc. Matters.	..	..	..	..	..	..	1690
12. Indenture of mortgage (Municipal Housing Societies)	..	..	..	..	..	..	18
13. Legal Notices for arrears of ground rent etc.	..	..	..	..	..	..	185
14. Legal Notices for breaches committed by Lessees	..	..	..	..	..	..	238
15. Opinion matters with Misc. notices	..	..	..	..	..	..	315
16. Further charge M. H. S.	..	..	..	..	..	..	7
17. Advise on the Legal Documents, like deed of assignment/transfer/conveyance/gift/Relinquishment Appointment of new trustees/consent decree probate/letters of administration/sub-lease etc.	..	..	..	..	..	..	341
IX.—References received from Department or outside parties.							25731

P. B. KARHADKAR,
For Law Officer.

EDUCATION DEPARTMENT

SUMMARY OF THE ADMINISTRATION REPORT OF THE EDUCATION DEPARTMENT

Total expenditure booked upto 31st March 1975 Rs. 12,36,88,868.

Some of the important items with the expenditure incurred on them are as under :—

	Rs.
(1) Municipal Primary Schools	10,25,25,352
(2) Private Primary Schools	34,42,201
(3) Medical Inspection of school children	14,49,207
(4) Educational Activities	12,69,568
(5) Training facilities for Municipal Teachers	28,606
(6) New Works	6,58,685
(7) Extra curricular activities	2,14,924

Results

(1) No. of Municipal Primary Schools	1,111
(2) No. of pupils in Municipal Primary Schools	5,29,337
(3) No. of Teachers in Municipal Primary Schools	15,273
(4) Expenditure per pupil	233.67
(5) No. of Private Primary Schools :—	
(a) Aided Schools	281
(b) Recognised Schools	348
(6) No. of pupils in Private Primary Schools :—	
(a) In Aided Schools	93,850
(b) In Recognised Schools	1,28,153
(7) Grant-in-Aid paid to Private Primary Schools	42,41,287
(8) No. of Municipal Secondary Schools	49
(9) No. of pupils in Municipal Secondary Schools	68,053
(10) No. of teachers in Municipal Secondary Schools	2,314
(11) No. of pupils in Municipal Primary and Secondary Schools Medically Examined	1,52,064
(12) Total No. of Children immunized :—	
(a) Typhoid	2,11,451
(b) Diphtheria—1st dose	88,161
2nd dose	72,385
(c) B. C. G.	1,13,296
(d) Small Pox	1,24,565
(13) Educational and other activities carried out during the year were :—	
(a) Refresher Class, (b) Annual Sports, (c) Mass Drill, (d) Drills and Game competitions, (e) Physical Training Institute, (f) Educational Excursions, (g) Bal Bhavan Centres, (h) R. S. P. Units, (i) Band Troop, (j) Scout/Guide Movement, (k) Sangeet Sabha, (l) Academy of Music and Art, etc.	
(14) (a) 176 Trainees appeared for D.Ed. Examination from R. C. Municipal Urdu Teachers' Junior College of Education, Imamwada.	
(b) 60 Candidates appeared at D.Ed. Examinations from Mahim Urdu Teachers' Junior College of Education.	
(15) 10 (6 permanent and 4 temporary) New Municipal School Buildings were constructed and 2 structures were demolished. Extensions to 7 buildings carried out: 24 new buildings and extensions to some school buildings arise in progress. There are 245 Municipal owned school buildings which accommodate 682 Primary Schools and Classes. 395 Schools (including Classes) are accommodated in rented buildings and 34 Schools (including Classes) are housed in rent-free buildings.	

PRABHAKAR D. HALDANKAR,
Education Officer.

EDUCATION DEPARTMENT

Smt. Madhuri R. Shah, B.A. (Hons.), M.Ed., Ph.D. (Bombay), Ph.D. (London), continued to hold the office of the Education Officer during the period from 1-4-1974 to 13-3-1975 and Shri Prabhakar D. Haldankar, B.Sc. (Hons.), M.Ed., D.P.Ed., is holding the post of Education Officer from 14-3-1975 onwards.

I.—Municipal Schools and Classes, Pupils and Teachers

The number of Municipal schools and classes in Greater Bombay at the beginning and at the end of the year was as follows :—

	As on 31st March 1974				As on 31st March 1975			
	City	Suburbs	Extended Suburbs	Total	City	Suburbs	Extended Suburbs	Total
Schools ..	499	350	153	1002	500	363	160	1023
Classes ..	43	33	13	89	44	31	13	88
Total ..	542	383	166	1091	544	394	173	1111

The following changes took place in the number of schools and classes during the year under report :—

	City	Suburbs	Extended Suburbs	Total
Number of classes opened	2	..	2	4
Number of Schools opened	2	11	5	18
Number of classes converted into schools	1	2	2	5
Number of schools converted into classes	..	..	..	..
Number of Schools/Classes amalgamated	3	..	..	3
Number of schools closed	..	..	..	..
Number of classes closed	..	..	..	..
Number of classes taken over	..	..	..	..
Number of schools taken over	1	..	..	1

On the principle of providing higher standards for 40 children or more in the city and suburbs and 35 or more in the outlying areas, the number of classes of higher standards opened during the year under report was as under :—

Higher standard Classes opened.	No. of classes opened.
Std. V	21
Std. VI	22
Std. VII	22

The total number of upper primary (including vocational) and lower primary schools and classes was 575 and 536 respectively as against 557 and 534 during the preceding year.

The total number of pupils on roll at the end of the year in Municipal Schools and Classes in Greater Bombay stood at 5,29,337 as against 5,17,280 in the previous year (*Vide* Appendix I). Thus there was a net increase of 12,057 pupils in Municipal Schools and Classes. The average attendance throughout the year was 4,78,260 as against 4,77,859 in the preceding year.

Teachers in Municipal Schools

The total number of teachers in Municipal Schools during the last year was 14,688 out of which 745 were Special Teachers. During the year under report, the number of teachers stood at 15,273 out of which 779 teachers were Special Teachers.

Out of 14,494 Ordinary Teachers, 14,340 (*i.e.* 98.99 per cent.) were trained as against 13,786 out of 13,943 (*i.e.* 98.8 per cent.) in the previous year.

The requirements of the teachers are assessed as per class room formula as adopted by the Education Committee.

Supervision of Municipal Schools

The supervision of Municipal Schools continued as it was in the year 1973-74. 17 Administrative Officers are appointed and they are entrusted with full administrative work of all schools in the Wards. The Beat Inspectors are entrusted with the work of effective supervision of schools.

The position of the beats at the end of the year under report was :—

Marathi	..	31
Gujarati	..	7
Urdu	..	7
Hindi	..	5
South Indian	..	3
Sindhi & English Primary		1
Total	..	<u>54</u>

Teachers' diaries and pupils' progress cards and registers continued to be maintained as usual and parents were kept informed of the progress, conduct and attendance of their wards by forwarding the progress cards to them every month.

Double promotion examinations were conducted by the Inspectors of Municipal Schools in July 1974.

Written examination of pupils of Stds. I to VII was held in the months of March and April 1974 supervised by the Superintendents, Research Officers, Inspectors and Teachers.

Vacation coaching classes were conducted at different 30 centres for the children of Stds. II, III, IV, V and VI who were detained at the Annual Examination held in 1974. The children were sub-sequently promoted to higher standards after successful completion of the course.

The following factors, *inter alia*, hampered the progress of the pupils in Municipal Schools.

(1) Largeness of classes, (2) Lack of suitable school buildings, (3) Inadequate facilities to study at home, (4) Economic conditions of the parents resulting in irregular attendance and long and continuous absence of pupils.

To avoid overcrowding in classes and in order to facilitate proper attention to pupils, it was laid down that ordinarily a class should not have more than 50 pupils. In schools housed in rented buildings, overcrowding on account of inadequate accommodation was an impediment in the way of efficient teaching. Out of 1,111 schools and classes, about 774 schools and classes were required to be run in two sessions and more than two sessions for want of sufficient accommodation. This measure is hampering instruction and causes a lot of inconvenience to the pupils, teachers and parents. A programme of construction of new Municipal owned school buildings was restricted during the course of the year on account of paucity of funds.

The curriculum for Standards I to VII as revised by the State Government is being followed in Municipal Schools.

As required under provision to Section 62BB of the Bombay Municipal Corporation Act and the City of Bombay Primary Education (Amendment) Act 1950, text-books prescribed by the State Government were used in Municipal Schools during the year under report.

Rahimtulla Currimbhoy Municipal Urdu Teachers' Junior College of Education, Imamwada.

During the year under report, there are 96 trainees for the D.Ed. Second Year Course and 80 trainees for the D.Ed. First Year Course. The teaching staff included (1) One Head Mistress, (2) 8 Full-time Instructors, (3) 3 Part-time Instructors for teaching Science and Physical Education and (4) 2 Special Teachers for teaching special subjects *viz.* Music and Drawing.

Out of 137 trainees of the D.Ed. Second Year and 99 trainees of the D.Ed. First Year classes who were sent up for D.Ed. Second Year and First Year examinations respectively, held during April 1974, all of them have passed the examinations except one trainee of D.Ed. First Year class. Thus the result of the D.Ed. Second Year examination has been declared cent per cent. and that of D.Ed. First Year examination 99 per cent.

This year, 96 trainees of D.Ed. Second Year and 80 trainees of D.Ed. First Year classes have been sent up for examinations.

Municipal Urdu Teachers' Junior College of Education, Mahim

During the year 1974-75, there were 61 trainees in the college 40 in D.Ed. First Year and 21 in D.Ed. Second Year (Urdu Medium). The teaching staff included one Principal, one full-time Instructor, four part-time Instructors for teaching Science, Mathematics, Urdu, Geography, History, Hindi, Physical Education and three Special Teachers for teaching work-experience, Music and Drawing.

This year, out of 61 trainees, 60 appeared at D.Ed. First Year and Second Year examinations held in 1975.

Loan Scholarships

An amount of Rs. 75 per month is given on request as Loan Scholarship to Municipal untrained teachers who are under training at the Municipal Training Colleges or any other training institution. No employee had applied for the said scholarship during the year under report.

The amount of Trust Funds, Prizes, Freeships etc., interest on various Trusts and Endowments was distributed among the eligible pupils in accordance with the terms and conditions of the respective Trusts.

School Furniture and Equipment : School Buildings

An amount of Rs. 5,03,880 was spent for the supply of furniture articles etc. during the year under report.

6 new buildings and 4 ground floor temporary structures have been built and 2 structures have been demolished during the year under report. Thus 8 buildings/structures have been added to the existing 237 school buildings, bringing the total number of Municipal owned school buildings in Greater Bombay to 245. Extensions to 7 school buildings have been carried out. The additional accommodation has helped to reduce the number of congested class-rooms.

The work of construction of 24 new school buildings and extensions to certain school buildings is in progress. 682 Primary Schools and Classes were accommodated in 245 Municipal owned school buildings, 395 Primary Schools including Classes are being accommodated in rented buildings and 34 Primary Schools (including Classes) are housed in rent-free buildings.

II.—Municipal Aided and Recognised Schools

Aided Schools

On 31st March 1975, the number of Aided Schools was 281 (136 in City, 91 in Suburbs and 54 in Extended Suburbs) as against 242 (122 in City, 74 in Suburbs and 46 in Extended Suburbs) in the previous year. The number of pupils in Aided Schools in the City, Suburbs and Extended Suburbs increased during the year under review from 79,182 to 93,850.

The average number of pupils on rolls in Aided Schools during the year under report was 93,381 as against 78,925 in previous year.

The average daily attendance was 88,401 (94 per cent.) as against 72,355 (92.0 per cent.) of the previous year.

The total number of teachers in Aided Schools as on 31st March 1975 was as under :—

	City	Suburbs	Extended Suburbs	Total
Ordinary Teachers	985	731	494	2210
Special Teachers	124	157	51	332
Total	1109	888	545	2542

Out of 2,542 teachers, 2,071 were trained and 471 were untrained as against 2,030 teachers in the previous year, out of whom 1,682 were trained and 348 were untrained.

The percentage of trained teachers as worked out came to 81.48 per cent.

During the year 1974-75, the following activities were organised by the Aided Section of the Education Department.

On 5th September 1974, Teachers' Day was celebrated at Neptune Talkies, Bandra. Shri Dube, Chairman, Education Committee, was the Chief Guest on the occasion. "Yadgar", a popular film was shown to the teachers who participated in the programme in large numbers.

Language-wise seminars were arranged on subjects like 'Innovation in the organisations in the modern context', 'Innovation in Teaching Methods', for the benefit of the teachers of Stds. I to IV of Private Primary Schools, Marathi, Gujarati, Hindi, Urdu and English Schools. Eminent educationists gave enlightening talks on the different topics of the curriculum. About 800 teachers participated in the seminar.

An Exhibition of teaching aids and materials was organised at Godrej Primary School, Vikhroli, on 4th March 1975. A lecture on 'Innovations in Teaching Methods' by Dr. (Mrs.) Madhuri Shah, Education Officer, was organised for the teachers of Stds. I to IV of all Private Primary Schools at Bal Mohan Vidya Mandir, Dadar. The talk was very enlightening and opened a new horizon of knowledge for the teachers.

Unaided and Recognised Schools

Besides Aided Schools, there were 348 (168 in City, 127 in Suburbs and 53 in Extended Suburbs) recognised schools as against 380 (186 in City, 134 in Suburbs and 60 in Extended Suburbs) in the previous year. The number of teachers in these schools was 3,909 as on 31st March 1975 as against 3,567 teachers as on 31st March 1974. The number of pupils decreased during the year from 1,34,542 to 1,28,153.

III.—A—Educational Guidance Centre

Educational guidance in Primary Schools is given to pupils with the help of teachers. Guidance consciousness is created in teachers through lectures given to them on the following topics :—

- (i) Guidance in Elementary Schools ;
- (ii) How to cultivate proper study habits with the help of following topics :—
 - (a) Functions of memory,
 - (b) Powers of imagination,
 - (c) How to think clearly and creatively.
 - (d) Power of decision-making.

Educational guidance on the lines mentioned in (ii) above is also given to students of Standard VIII in our Secondary Schools in all Wards. The lectures on the abovementioned topics were attended by nearly 10,000 pupils.

Vocational guidance in Secondary Schools was given to students of Standard IX, in all Wards. Lectures on the following topics were attended by nearly 8,000 pupils :—

- (i) How to choose a career,
- (ii) Technical Careers,
- (iii) Medical Careers,
- (iv) Commercial Careers,
- (v) How to prepare for final examination.

Four Career Conferences consisting of (a) lectures by eminent personalities, (b) exhibition of posters on various careers and courses, (c) display of career films were held at (1) Dadar Woollen Mill Lane Municipal Secondary School, (2) Colaba Municipal Secondary School, (3) Topiwala Lane Municipal Secondary School, (4) Nare Park Municipal Secondary School. The conferences were attended by all students of Standards X and XI, past students, parents and teachers.

Vocational Counsellor gave impetus to Science Club activities in Secondary Schools. As per the desire expressed by the Chairman, Education Committee, lectures on various important careers were arranged in Secondary Schools in all Wards. The lectures were delivered by experts.

III.—B—Vocational Education

There are 41 Vocational Classes in 27 Vocational Schools—18 Carpentry, 19 Tailoring, 1 Sign Board Painting, 1 Painting, 1 Book-Binding and 1 Clock-Repairing.

IV.—Physical Education

The subject Physical Education has been introduced in every primary school of Municipal Corporation of Greater Bombay. Syllabus in Physical Education prescribed by Government is followed in Municipal Schools.

During the year 1974-75, Physical Education Section carried out following programme.

(1) *Officers' Meeting and Head Teachers' Meeting.*—This year, meetings were conducted Zone-wise in order to inform the Head Masters about the physical activities carried out every year. In every zone, nearly 200 Head Teachers were present. Thus more than 800 teachers were present for such meeting. Similarly, meeting of the officers were also conducted at four Zonal Centre in which Administrative Officers and Beat Officers were present.

(2) *Refresher Classes.*—As done every year, Refresher Classes for inservice teachers were conducted at four Zonal Centres. About 400 teachers were present. The teachers were taught basic principles of organising games, sports, etc.

(3) *Annual Sports.*—The Sports Meet for primary school children is organised every year. This Annual Sports programme includes running, jumping and throwing events. The competitors are divided according to their age, weight, height etc. 142 Centres were chosen for this purpose. The finals were organised at St. Xavier's Maidan for children who won the competitions at central levels.

(4) *Mass Drills.*—Two Mass Drills were organised—one at Kamgar Kreedha Bhavan, Senapati Bapat Marg and the other at St. Xavier's Maidan, Parel. The Rallies were presided over by the Additional Commissioner of Police, Shri Joag and the Chairman, Sporting Committee, Shri Vijay Parvatkar. Nearly 3,000 children participated in each rally. Items like March-Past, Free-hand Exercises, Asanas, Frolics, Indian Rhythmic, Folk Dances, Classical Dances, Pyramids etc. were included in the programme. The demonstration on Cricket was much appreciated by the spectators. Apart from abovementioned two mass drills, eight Mini Mass Drills were organised at different centres, so that students from all wards could participate. About 2,000 students of Primary Schools took part in each Mass Drill.

(5) *Drill Competitions.*—Drill competitions were organised at beats followed by Zonals. Marching, Pyramids, Rhythmic, Exercises, Lezim, Asanas, Namaskars and Stunts etc. were included in the competitions. This year, new items like Folk Dances and Classical Dances were also included in the competitions. It is seen that the response from pupils was good. Nearly 15,000 children enthusiastically took part in the competitions and prizes were awarded.

(6) *Games Competitions.*—Game Competitions like drill competitions were conducted beat-wise followed by zonal tournament. The games like Kabaddi, Langadi, Kho-Kho, Dodge Ball were included in the competitions. Nearly 10,000 students participated.

(7) *Educational Excursion*.—This year, the Educational Excursion Programme for pupils of Std. III was started in the month of November and it lasted upto the middle of March 1975. 44,300 students including teachers took advantage of the programme. The programme went on smoothly. Nearly 53 per cent. of the students from Std. III of Municipal Primary Schools participated. The participants were taken to places like Jijamata Udhyan, Kamala Nehru Park, Tarapurwala Agharim Birla Kreed Kendra, Gateway of India and were given light refreshments at Gilder Tank Building at the cost of the Corporation.

(8) *Bal Bhavan Centres*.—To provide part-time activities after school hours, 29 Bal Bhavan Centres were conducted all over Greater Bombay. Over and above that, this year, six new centres were opened at Mulund, Ghatkopar, Deonar, Malvani, Khar-Danda and Andheri Nagardas and helpers activities like songs, games, handicraft, drawing etc. were taught at the centre. At the end of every year, Parents' Day is celebrated at each centre and competitions at beat level and zonal level are organised. An exhibition of different things prepared by the children of Bal Bhavans was arranged this year at Birla Kreed Kendra.

(9) *R. S. P. Units*.—There are 25 schools which are having R. S. P. Units. Each unit is in charge of the Instructor who is paid Rs. 25 per month. Uniform to pupils and Instructors is given at the cost of Corporation. These Units look after the traffic and safety of the pupils during morning and evening. All the 25 schools participated in the camps conducted by the Traffic Department.

(10) *Band Troops*.—Eight schools have Band Troops. Pupils are taught musical instruments and it is observed that pupils take great interest in this activity.

(11) *Physical Training Institute*.—This year, six Refresher Classes in Physical Education were conducted. About 288 teachers took advantage of classes. At the end of the year, a Physical Training Camp of about 150 teachers was conducted at Chinchani-Tarapur. The teachers trained the pupils in Physical Education in one Secondary and seven Primary Schools of Chinchani. On the last day, a final function was organised which was witnessed and highly appreciated by the public of Chinchani. The Chief Guest of the function was Shri Ramash Dab, Chairman, Education Committee. The items staged were appreciated by the Chief Guest and the Corporators who also were present for the function.

(12) *Tri-Centenary of the Coronation of Shri Chhatrapati Shivaji*.—A two days' seminar was conducted at Chinchani after the physical training camp was over. The expenditure on seminar was met out of the amount received from the Director of Education, Maharashtra State.

V.—SCOUT/GUIDE ACTIVITIES

Statistical Information

No. of Cub Masters	..	209	No. of Cubs	..	3,856
No. of Scout Masters	..	205	No. of Scouts	..	3,510
No. of Flock Leaders	..	149	No. of Bulbuls	..	2,916
No. of Guide Captains	..	173	No. of Guides	..	3,360
Troops	..	205	Companies	..	173
Packs	..	209	Flocks	..	149

Primary Schools

The following are some of the important activities conducted during the year under report :—

(1) *Explanatory Training Camp*.—This year, the Camp was divided into two separate groups i.e. Cub/Bulbul Teachers and Scout/Guide Teachers and these camps were conducted at Hindi Colony. The aims and objects of these camps were to create leadership and acquaint the teachers with the yearly programme of Scout/Guide activities. About 256 Scouters/Guiders attended this camp.

(2) *Proficiency Badge Training Camp for Scouts and Guides*.—Proficiency Badge is one of the most important training of the Scout/Guide movement. Some proficiency badges are absolutely compulsory for each Scout/Guide. As done last year, a Workshop for some selected proficiency badges like Electrician, Plumber, Handyman, Book Binder, Gardening was conducted at the Pawai Camping Ground for the Scouts and Guides. About 616 Scouts and Guides took part in this camp.

(3) *Patrol Leader Training Camp*.—This camp was conducted at Powai High Level Reservoir Camping Ground for about 2,100 Scouts/Guides. This was done with a view to train up the Scouts/Guides in leadership and work experience. A Workshop for training in electricity, book-binding, gardening, paper-works etc. was also organised during this camp.

(4) *Training Camp for Judges for Annual Sports*.—A camp of about 100 Scouters and Guiders was organised to train them as judges for Scout/Guide Sports. This camp helped to a great extent the Scout/Guide sports activities and competitions.

(5) *Cub/Bulbul Excursion*.—A day's excursion was organised for about 1800 Cubs and Bulbuls during this year. This gave an opportunity to the Cubs and Bulbuls in observing nature and its surroundings.

(6) *Petrol Hikes*.—Nearly 1,170 Scouts and Guides took part in this programme during the year. The participants stayed overnight in the camp. Several hike routes with a distance of about 16 Km. were given to the hikers in advance and the emphasis was laid on training in map-reading, compass reading, map-drawing etc.

(7) *Scout/Guides Festival*.—This year, the Scout/Guide Festival was celebrated from 7th to 22nd December 1974. The items included in festival were Rallies, Camp Fires, Parents' Day, Hobbies in Action, Exhibition, Khari Kamai etc. The total amount of Khari Kamai collected by Municipal Scouts and Guides was Rs. 21,093.12.

(8) *Final/Zonal Sports*.—As per the annual programme of the Section, Zonal Sports were organised at 11 different places throughout Greater Bombay. About 2,820 Scouts/Guides/Cubs/Bulbuls took part in the Sports. This was followed by Finals of Powai High Level Reservoir Municipal Camping Ground.

(9) *Scout/Guide Rally*.—In all, 4 Zonal Rallies were organised at different places in Greater Bombay and this was followed by Divisional Rally held on 22nd February 1975 at Kamgar Kreedha Bhavan, Senapati Bapat Marg, Dadar. In this rally, some activities like March Past, Cub/Bulbul Revel, Folk Dances, Signalling and Pioneering Work were displayed. Nearly 10,000 Scouts/Guides Cubs/Bulbuls attended the rally.

Secondary Schools

(1) *Training Courses for Municipal Secondary Teachers*.—Since last three years, Scouting/Guiding has been introduced in Municipal Secondary Schools. In order to acquaint with the syllabus of Scout/Guide activities in Standards VIII, IX and X, the teachers from these Secondary Schools were called to attend the Explanatory Training Camp. In this camp, 64 Scouters/Guiders took part.

(2) *Orientation Course*.—This course was arranged for Headteachers of Municipal Secondary Schools with a view to acquaint them with the Scout/Guide activities conducted in these schools, 49 Headteachers from 49 Municipal Secondary Schools took part in it. The camp was held at Pawai Camp Site on 15th and 16th April 1974.

(3) *Group Camping*.—Group Camping is one of the activities of Scout / Guide movement and the same is compulsory for Secondary Schools' Scouts and Guides. Group Camping was organised in the month of November 1974 at Municipal Camping Grounds and 3,200 Scouts/Guides participated in the said camp.

(4) *Proficiency Badges Camp*.—Proficiency Badge is one of the most important trainings of the Scout/Guide movement. A Workshop for some selected proficiency badges like Electrician, Plumber, Handyman (Stove Repairing, Bicycle Repairing etc.), Book-binding, Gardening was conducted at the Pawai Camping Ground for Scouts and Guides. About 225 Scouts and Guides took part in this camp.

VI.—A—AUDIO VISUAL SECTION

This year, about 2,130 film-shows were arranged in different Municipal Schools of Greater Bombay and about 4,89,184 Municipal school-going children witnessed the shows. Thirteen Projectionists carried out the educational film-shows throughout the year.

This year, the Projectionists used their audio-visual equipments for the World Education Fellowship International Conference at Birla Kreedha Kendra and XXVI International Congress of Physiological Sciences' Satellite Meeting at Taj Mahal Hotel. The following extract from the letter received from the Secretary, XXVI International Congress of Physiological Sciences' Satellite Meeting, Bombay, speaks of the work of the Projectionists :

"The team of Projectionists provided by Mr. Haldankar, performed smoothly, resulting in super sound system, comparable to the best of that I have any time experienced in any International Conference abroad."

Apart from the above, Music and Art Academy's programme and Sangeet Sabha programme arranged at different places throughout the year were helped by the Projectionists for making necessary arrangements of lights, sound system, etc.

Sharad-Utsav, Scout/Guide and Physical Rallies were attended by the Projectionists and sound system and light arrangements were made by them. This Section also attended the Mayor's functions in honour of distinguished guests and recorded all the speeches etc.

VI.—B—TEACHING AID CENTRES

About 5,000 teachers attended the Teaching Aid Centres at 3 Centres viz. Gilder Tank Building, Dadar Hindu Colony and Unnat Nagar, Goregaon. These teachers were taught to prepare different Teaching Aids on various subjects. More than 2,500 aids were prepared at each Centre. The Teaching Aid Centres helped in preparing exhibits for Exhibition on "Education in India" organised during the World Education Fellowship International Conference held at Birla Kreedha Kendra. The Centres helped in preparing funny materials for the departmental functions like Sharad Utsav, Mass Drills, etc.

The Printing Section printed the work of Card Sheets, the book "Look & Discover—Book III" and Report of Science Project. It printed books on rules and regulations of sports organised by the Physical Education and Scouts/Guides Sections and also printed forms for the Education Department.

VII.—FINANCE

The principal sources of income of Primary Education Department are :—(1) five times the actual net realisation of the Corporation in the preceding year under the head of General Tax (including arrears and payments in advance) divided by the rate fixed for the General Tax for the said financial year, (2) Government Grant towards Primary Education, (3) Education Cess, (4) Interest on Endowments and Investments, (5) Rent and other proceeds of properties, (6) Interest on profits on investments of Surplus Loan and other balance and (7) Other Miscellaneous Receipts.

The Opening Balance as on 1st April 1974 was Rs. 20,17,708/—

The details regarding municipal contribution and other Miscellaneous Receipts are as follows :—

	Municipal Contribution.	Government Grant.	Education Cess.	Other Misc. Receipts.
	Rs.	Rs.	Rs.	Rs.
City, Suburbs and Extended Suburbs	8,90,56,674	1,57.12,552	2,73,77,544	14,39,260

The total expenditure for the year amounted to Rs. 1,23,688,868. The closing balance as on 31st March 1975 (after taking into account increase in Renewed Grant) was Rs. 741360.

VIII.—RESEARCH UNIT (EDUCATION)

The Research Unit carried out the following studies during the year 1974-75 :—

- (1) The "Ungraded Unit" study with the follow-up of the children from the paralled classes had been carried out and the report is ready.
- (2) The follow-up study of children passing from Vacation Classes for failures organised by the Education Department was undertaken and the brief report is ready and submitted.
- (3) Under the project "Bombay Schools Science Improvement Study", the science materials for Stds. I-VII have been prepared and experimental try-outs in Primary Schools (I-IV) have been completed. The report of the project is ready and under print.
- (4) The Graded Assignments in languages for Std. IV have been prepared and are ready for distribution.
- (5) Pre-Service Training Classes for Primary Teachers to be recruited in the Municipal Schools had been organised and orientation was given to about 100 teachers.
- (6) Full-time In-Service Training Classes for the Municipal Primary Teachers were organised and orientation and guidance was given to about 750 teachers during the year.

IX.—SECONDARY SCHOOLS

During the year under report, there were 49 Municipal Secondary Schools. The number of Secondary Schools, divisions etc. is given below :—

	As on 31st March 1974	As on 31st March 1975
No. of schools	49	49
No. of divisions	1,530	1,614
No. of pupils	64,640	68,053
No. of teachers	1,989	2,314

The Municipal Secondary Schools are governed by the Secondary Schools Code of the State Government of Maharashtra. The Government is giving 99 per cent grant for conducting the Secondary Schools of Corporation.

New course of syllabus prescribed by the State Government is followed in the Municipal Secondary Schools.

Vocational guidance on different topics such as how to choose a career, how to prepare for final examination etc. is given to the students in Secondary Classes by the Vocational Guidance Officer.

The activities of Scouts and Guides were carried out in the Secondary Schools as usual. The Annual Sports competitions were held in four divisional zones and the final competitions were held on 11th and 12th February 1975 at St. Xavier's Gymkhana Grounds, Parel. The prizes to the winners were distributed at the hands of Principal Khasnis of T. P. E., Kandivli, at a special ceremony held on 12th February 1975.

At the Science Exhibition held by T. I. F. R. (Tata Institute of Fundamental Research), some Secondary Schools had participated and our students got prizes thereat. R. S. P. Units and Small Savings Scheme were also introduced and worked in the Secondary Schools. S. G. Barve Nagar Secondary School secured a prize of Rs. 100 for the best participation in Small Savings Scheme. Some of the Municipal Secondary Schools participated in the International Exhibition for presentation of Wild Life Drawing and Painting.

Our Secondary School students appeared for Government Drawing Examinations (Elementary and Intermediate) and a good number of them passed those examinations.

Thus our Secondary Schools are making progress in all respects.

X.—GENERAL

During the year under report, 1,52,054 children from the Municipal Primary and Secondary Schools were medically examined and in 1,26,110 children defects were noticed.

The Health Visitors (Schools) paid 9,043 domiciliary visits to guide the guardians of ailing children as regards nutrition, care, treatment etc.

The defects such as scabies, ringworm and other minor ailments noticed at the time of medical inspection were treated at the Municipal Dispensaries. The Municipal School children were also treated at the School Clinics attached to K. E. M. Hospital, Nair Hospital, L. T. M. G. Sion Hospital, Dr. R. N. Cooper Hospital, Full-time Dental Clinics at Nair Hospital. During the year, 71,879 new and old cases were treated at the Clinics. Suspected cases of Tuberculosis and Leprosy were referred to the Special Clinics for investigation and treatment and the children who were found infectious were not allowed to attend schools.

Immunization

Immunisation against certain infectious diseases was carried out in the Municipal Schools.

Total number of children immunized is as shown below :—

T. A. B. C.		2,11,451	Polio	I dose	..	26,362
				II dose	..	21,346
				III dose	..	16,591
Diphtheria & Tetanus	I dose	88,161				
	II dose	72,385				
B. C. G. (Tuberculosis)	..	1,13,296				
Small-Pox	..	1,24,565				

Health Education

(i) Health talks were given to the students and the teachers by the A. M. O.'s (Schools) and the Health Visitors (Schools).

(ii) Domiciliary visits were paid by the Health Visitors (Schools).

(iii) Parents'/Teachers' meetings were organised.

(iv) Health Parades, Health Ministry and Health Trophy Competitions were organised in the Schools in A, B, and P Wards with a view to inculcating health habits among school children.

Milk was supplied to the ailing children attending School Clinics.

First Aid was rendered at the time of sports, mass drill displays etc.

XI.—Municipal Teachers, Libraries

There are three libraries of the Education Department for Municipal teachers and the other staff. The Central Library is located at Gilder Tank. The other two libraries are at Santa Cruz and at Ghatkopar. The total number of books at the end of the year was 69,019 (35,809 at Gilder Tank Building, 20,665 at Santa Cruz and 12,545 at Ghatkopar Libraries).

During the year under review, 25,185 books have been issued to the members of all the three libraries (7,664 from Gilder Tank, 11,066 from Santa Cruz and 6,455 from Ghatkopar).

All these libraries have 'Children's Corner' attached to them. There are 23,414 books for children's libraries (8,196 at Gilder Tank, 8,898 at Santa Cruz and 6,320 at Ghatkopar). These figures have been included in the grand total stated above. 1,079 books have been written off from Children's Corner of Gilder Tank Library as they were damaged during the flood.

The total number of periodicals purchased locally and subscribed for the above three libraries is as under :—

(1) Gilder Tank	..	..	..	..	..	43 Nos.
(2) Santa Cruz	..	..	..	..	..	42 Nos.
(3) Ghatkopar	..	..	..	..	..	42 Nos.

5 newspapers (English, Gujarati, Marathi, Hind and Urdu one copy of each) were purchased for the above libraries.

XII.—Gratis use of School premises

The use of Municipal School premises for conducting Social Education Classes, Hindi Classes, Night Schools, Welfare Centres and for medical check-ups under the auspices of educational and/or social welfare institutions was continued to be allowed gratis or at nominal compensation charges or monthly compensation charges outside regular school hours on prescribed conditions, with the consent of the owners of the properties in cases of rented premises.

XIII.—Special Classes for Mentally Retarded Children

Lions Juhu Centre for Mentally Retarded Children started by the Corporation in collaboration with the Gujarat Research Society and Lions Juhu in the year 1965 with only 5 pupils on roll has now 99 pupils on roll during the year 1974-75.

The education is imparted through different media such as Marathi, Gujarati, English and Hindi by trained and experienced staff. The pupils are taught vocational subjects for which special training is provided.

Arrangement is also made for development of gardening and such other recreational activities in the schools through which the pupils can develop their mental growth.

In addition to the Lions Juhu Centre Schools at Khar, there are two schools and three special classes for mentally retarded children in different wards.

Those educable children whose mental growth is very slow and who are not benefited by attending ordinary schools are admitted in these special classes after psychological test. These pupils are given free education. As a special feature, the pupils of these classes are allowed to appear at the normal examinations along with other pupils in Municipal Primary Schools.

Teaching aids specially meant for mentally retarded children are provided in these schools. The pupils are also medically tested regularly by psychologist.

The observations and experience of the special classes during the year have revealed that there is quite satisfactory progress and enough scope for expansion of the activities thereby giving more and more benefit to such mentally retarded pupils who are not benefited by attending ordinary schools.

XIV.—Extra Curricular Activities

(a) Sharad Utsav (Autumn Festival) : 6 centres of cultural programmes, 7 division-wise competitions, 6 school hall programmes, 1 Central Function and 1 Final Dramatics were arranged during the year under report.

(b) School Anniversaries, Independence and Republic Day Celebrations were arranged in a number of schools whereas special invitations were given to the parents so as to bring them in close contact with schools. Parents' and Teachers' Days were celebrated in a number of Schools.

(c) Educational seminars were organised in which Municipal teachers in all beats participated.

(d) Vacation libraries were conducted at 52 centres for the benefit of the children.

XV.—School Feeding Programme

The supply of double-toned pasteurised milk to the Municipal School children of Greater Bombay, under MCGB-CARE School Feeding Programme, has come to an end from 13th March 1974, since the CARE has stopped the supply of skimmed milk powder and the Government Dairies were not in a position to supply any type of milk in the absence of milk powder for this programme. However, our request to the State and the Central Government for allotment of quota of milk powder for the milk scheme under School Feeding Programme has so far not been granted.

Snacks in the form of biscuits, buns and peanuts (groundnuts) were supplied to the Municipal school children of Greater Bombay from Stds. I to IV.

During this year, about 90,000 children got 15 to 16 gms. of biscuits containing about 14% proteins for about 35 days. Similarly, for about 175 days, nearly 1,60,000 children were also catered with peanuts (groundnuts), each child getting 20 gms. of baked and salted peanuts. Under Buns Programme, the beneficiaries were about 80,000 children. Each child was supplied with a sweet bun of 50 gms. for about 150 days manufactured by Modern Bakeries (India) Ltd. The wheat flour and salad oil required for this programme were received as free gift from CARE (Co-operative for American Relief Everywhere).

PRABHAKAR D. HALDANKAR,
Education Officer.

APPENDIX No. 1

Municipal Schools and pupils

Language.	As on 31st March 1974			As on 31st March 1975			
	Schools	Classes.	Pupils.	Schools	Classes	Pupils	
CITY							
Marathi	...	233	2	1,54,172	232	2	1,51,813
Gujarati	...	69	8	19,909	68	8	19,09
Urdu	...	95	10	33,198	98	10	34,906
Hindi	...	50	3	16,389	50	3	16,556
Tamil	...	9	7	3,037	7	9	3,234
Telugu	...	12	2	4,889	13	2	5,028
Kannad	...	12	9	2,897	12	8	2,897
English Primary	...	17	2	6,076	18	1	6,146
Sindhi	...	2	...	214	2	1	233
Total	...	499	43	2,40,781	500	44	2,39,922
SUBURBS							
Marathi	...	135	2	1,11,927	141	1	1,16,601
Gujarati	...	49	7	21,178	52	5	20,857
Urdu	...	70	1	28,041	71	1	29,885
Hindi	...	52	6	21,034	54	5	22,207
Tamil	...	9	4	2,392	9	5	2,620
Malayalam	...	1	3	263	1	3	237
Telugu	...	5	4	1,159	6	4	1,378
Kannad	...	18	2	5,607	18	3	5,742
English Primary	...	9	1	2,507	9	1	2,770
Sindhi	...	2	3	1,199	2	3	994
Total	...	350	33	1,95,307	363	31	2,03,001
EXTENDED SUBURBS							
Marathi	...	61	3	44,278	65	1	46,965
Gujarati	...	33	...	18,701	34	2	19,676
Urdu	...	18	...	4,330	18	...	4,551
Hindi	...	24	1	9,049	26	...	9,562
Tamil	...	5	4	1,241	5	4	1,365
Telugu	...	1	2	322	2	2	492
Kannad	...	4	3	1,860	4	3	2,020
English Primary	...	3	...	802	3	...	893
Sindhi	...	4	...	609	3	1	590
Total	...	153	13	81,192	160	13	86,114
Grand Total	...	1,002	89	5,17,280	1,023	88	5,29,337

APPENDIX No. II

Statement showing the number of Trained and Untrained Teachers in
Municipal Schools according to Sides

Side	As on 31st March 1974			As on 31st March 1975		
	Trained	Untrained	Total	Trained	Untrained	Total
CITY						
Marathi	4,493	15	4,508	4,471	15	4,486
Gujarati	655	3	668	649	3	652
Urdu	933	18	1,001	1,042	14	1,056
Hindi	495	4	499	510	3	513
Tamil	85	6	91	93	1	94
Telugu	103	14	117	119	20	139
Kannad	78	2	80	95	1	96
English Primary	144	25	169	145	19	164
Sindhi	10	3	13	13	2	15
Total	7,056	90	7,146	7,137	78	7,215
SUBURBS						
Marathi	2,913	12	2,925	3,107	12	3,119
Gujarati	628	3	631	629	2	631
Urdu	712	19	731	789	11	800
Hindi	561	2	563	609	3	612
Tamil	67	1	68	76	1	77
Malayalam	10	...	10	9	...	9
Telugu	29	...	29	31	5	35
Kannad	153	3	156	169	3	172
English Primary	60	2	62	55	8	63
Sindhi	44	3	47	34	7	41
Total	5,177	45	5,222	5,508	52	5,560
EXTENDED SUBURBS						
Marathi	1,255	2	1,257	1,351	2	1,353
Gujarati	560	...	560	583	1	584
Urdu	110	2	112	131	4	135
Hindi	242	6	248	264	5	269
Tamil	30	2	32	33	1	34
Telugu	7	...	7	13	...	13
Kannad	57	2	59	54	2	56
English Primary	18	9	21	22	3	25
Sindhi	18	6	24	23	6	29
Total	2,297	23	2,320	2,474	24	2,498
Grand Total	14,530	158	14,638	15,119	154	15,273

APPENDIX No. III

Municipal Recognised and Aided Schools and Pupils

Language	Recognised schools as on 31-3-1974		Recognised schools as on 31-3-1975		Aided schools as on 31-3-1974		Aided schools as on 31-3-1975		
	No. of Schools	Pupils	No. of Schools	Pupils	No. of Schools	Pupils	No. of Schools	Pupils	
CITY									
Marathi	...	23	9,864	21	8,709	25	7,293	29	9,002
Gujarati	...	41	7,787	35	7,223	30	7,121	31	7,176
Urdu	...	3	1,216	1	280	6	1,783	8	2,899
Hindi	11	3,270	11	3,211
Sindhi	3	266	2	155
Tamil	5	975	5	1,576
Telugu	1	49	1	64
Malayalam	3	435	3	275
Kannad	1	276	1	222
English	...	111	40,667	103	37,540	28	7,321	37	11,820
Marathi Night	1	148	1	126
Kannad Night	...	1	48	1	46	5	458	4	349
English Night	...	7	983	7	942	3	263	3	261
Total	...	186	60,565	168	54,740	122	29,658	136	37,136
SUBURBS									
Marathi	...	17	5,299	11	4,359	26	10,043	33	12,369
Gujarati	...	19	3,916	16	3,332	15	7,928	18	8,212
Urdu	...	2	273	2	334	1	289	1	328
Hindi	...	2	356	2	427	9	2,735	9	2,725
Sindhi	3	333	3	290
Tamil	2	538	2	523
Malayalam	2	613	2	553
English	...	93	45,012	95	46,058	15	6,115	21	8,324
English Night	...	1	106	1	77	1	280	2	280
Total	...	134	54,952	127	54,587	74	28,874	91	33,604
EXTENDED SUBURBS									
Marathi	...	8	1,651	3	760	13	4,438	18	5,437
Gujarati	...	19	4,756	15	4,024	19	11,786	20	12,484
Hindi	...	2	375	3	484	6	1,972	6	2,093
Tamil	...	1	210	1	210	...	...	...	...
Malayalam	...	1	139	1	139	...	...	...	...
Kannad	1	235	1	226
English	...	29	11,884	30	13,209	7	2,219	9	2,870
Total	...	60	19,015	53	18,826	46	20,650	54	23,110
Grand Total	...	380	1,34,542	348	1,28,153	242	79,182	281	93,850

APPENDIX No. IV

Information re : Physical Education in Municipal Schools

Total number of schools and classes (1023+18)	...	...	...	1,111
Number of schools imparting physical education on playgrounds	...	...	...	255
Number of schools imparting physical education in open spaces	...	...	...	408
Number of schools imparting physical education in class-rooms	...	...	...	448
Total Number of pupils	...	...	...	5,29,337
Total number of pupils taking physical education	...	...	...	All pupils
Total number of trained teachers in physical education	...	...	...	2,926
Special teachers in physical education	...	...	...	180
Total number of untrained teachers in physical education	...	...	...	11,576

APPENDIX No. V

Average cost per pupils for the year

	Average cost per pupil for the year
Rs.	
City, Suburbs & Extended Suburbs :	
According to the number of pupils on roll as on 31-3-1972 (5,28,802)	... 184.65
According to the number of pupils on roll as on 31-3-1973 (5,05,249)	... 206.14
According to the number of pupils on roll as on 31-3-1974 (5,17,280)	... 240.44
According to the number of pupils on roll as on 31-3-1975 (5,29,337)—	... 233.67

LABOUR DEPARTMENT

Summary of the Administration Report of Labour Department for 1974-75

1. Money spent by the Corporation :—

(a) On Establishment	..	..	..	..	Rs.	3,53,708.00
(b) Other than Establishment	..	..	..	..	Rs.	2,08,737.00
				Total	..	Rs. <u>5,62,445.00</u>

2. *Results achieved* :—The department has dealt with 18942 departmental cases and grievances regarding the services conditions, recruitments, promotions, transfers etc., Four disputes were referred to Asstt. Commissioner of Labour, Conciliation Officer etc. during the year.

At the end of the year, 33 recognised unions remained to represent the Labour and the other staff of the Corporation. There exist 24 Joint Councils representing Labour, Subordinate, Executive and Nursing Staff.

The recreational educational, hygienic, cultural and Social activities indoor as well as outdoor were organised by the Welfare Branch of this department for the benefit of Municipal employees and their dependents. The average daily attendance of adults and children at different welfare centres was 2735 and 2980 respectively. The total strength of scouts and guides was 4010.

Under the scheme for granting scholarship to the children to the Municipal employees, 297 scholarships for the secondary education and 277 scholarships for higher education were awarded amounting to Rs. 59,370.

Under the scheme for granting the medical assistance to the Municipal employees suffering from T. B. Leprosy etc. 116 deserving employees were given the medical assistance amounting to Rs. 12,635.

3. *Suggestions for remedying and deficiencies* :—No

4. *Other Special Information* :—

(i) The four new unions were recognised during the year under report.

(ii) The inter departmental and Inter-ward dramatic competitions was held by this department in which 14 Marathi plays were staged. Three running trophies were given to the best, the 2nd best and the 3rd best entries.

(iii) The three new welfare centres were opened in the Municipal colonies during the year under report.

G. S. SAUDAGAR,
Labour Officer.

LABOUR DEPARTMENT

Administration Report of the Labour Department for the year 1974-75.

The Labour Officer dealt with 18,942 individual grievances of the Labour Staff.

Trade Union.—Trade Unions activities among Labour and other staff engaged in the service of the Municipal Corporation were mostly confined to the Unions whose names and other particulars including membership are given below. These unions were recognised by the Municipal Commissioner as per rules.

TABLE-I

Serial No.	Name of the Union	Date of Establishment	Date of Registration	Register Number	Membership as on	
					31-12-1972	31-12-73
1	Municipal Worker's Union	27-2-1935	29-3-1935	90	1,200	..
2	Bombay Sweeper's Union	30-7-1946	7-9-1951	1,118	2,305	1,354
3	Bombay Municipal Subordinate Staff Union	2-8-1946	31-1-1948	483	6,375	6,800
4	Municipal Mazdoor Union	..	3-7-1956	2,100	15,729	15,757
5	Bombay Municipal Engineer's Union	1956	31-1-1959	3,281	..	740
6	Bombay Municipal Kamgar Sangh	1-4-1933	5-7-1962	4,212	2,519	2,873
7	Administrative Officer's Association (B. M. C.)	23-1-1967	6-6-1967	6,008	65	76
8	Bombay Municipal Executive Staff Union	21-6-1955	21-7-1955	1,806	1,216	1,373
9	Bombay Municipal Health Visitors Association	28-8-1950	18-1-1951	1,001	..	12
10	Maharashtra State Nurses Welfare Association	19-2-1964	1964	4,638	775	..
11	Mahanumbai Nagarpalika Prathamik Shikshak Sangh	14-4-1906	20-12-1954	1674	..	..
12	Brihanmumbai Nagarpalika Special Shikshak Sangh	1959	1960	3,593	151	109
13	Bombay Municipal Urdu Teacher's Association	1926	28-4-1953	1,359	413	473
14	Municipal Qualified Overseer's Union	..	24-3-1966	4,977	..	..
15	Bombay Fire Services Union	19-4-1946	30-1-1948	479	359	229
16	Bombay Fire Fighters services Union	13-7-1967	13-7-1967	6,019	..	296
17	Mahanumbai Municipal Marathi Prathamik Shikshak Sangh	23-12-1969	..	..	..	..
18	Association of Inspectors (School)	7-2-1970	..	..	..	..
19	Municipal Head and Dy. Head Teachers's Association	30-3-1970	..	..	..	..
20	Bhartiya Kamgar Sena	7-8-1968	7-8-1968	6,142	..	..
21	Bombay Municipal Medico Technical Staff Association	..	13-2-1971	6,455	288	327
22	Senior Medical Teachers Association	..	..	..	..	..
23	Brihan Mumbai Mahapalika Shikshak Sabha	24-12-1971	..	..	..	..
24	Bambai Municipal Hindi Shikshak Parishad	1962	21-4-1962	4,185	310	320
26	Graduate Teachers Association	July 1971	..	..	..	..
26	Bombay Municipal Corporation Sec. Sch. Head Masters Association	3-2-1973	..	..	6,727	636
27	Municipal Nurses Association	..	22-6-1973	..	..	..
28	Bombay Fire Brigade Officers Association	..	22-9-1962	4,267	29	36
29	Municipal Primary Teachers Federation	21-1-1973	..	..	..	..
30	Municipal Kamgar Sabha (Shikshan Vibhag)	1974	..	..	..	..
31	Municipal Prathamik Gujrathi Shikshak Sangh	1910	..	..	..	..
32	Association of Honorary Medical Officers of K. E. M. Hospital	..	20-10-1973	6,791	..	68
33	Mahanalika Madhyamik Shikshak Sangh	20-3-1974	..	..	..	..

The following unions of the Municipal Employees have been granted recognition during the period under report.

- (1) Municipal Kamgar Sabha (Shikshan Vibhag)
- (2) Municipal Prathamik Gujrathi Shikshak Sangh.
- (3) The Association of Honorary Medical Officers of K. E. M. Hospital.
- (4) Mahapalika Madhyamik Shikshak Sangh which has been formed by amalgamating the Brihattar Bambai Mahanagarपालिका Madhyamik Shikshak Sangh and Municipal Secondary Teachers' Association.

The Bhartiya Kamgar Sena has been granted recognition to represent the Labour Staff of the Deonar Abbatoir and the Dharavi Pumping Station.

With a view to promote cordial relations between the employees and the Administration, the following steps were continued.

(I) **Joint Council.**—The total Number of Joint Council constituted by the end of the year under report were 24.

(II) **Grievance Procedure.**—A four stage grievance procedure is continued to redress the grievances of the employees in the all the Municipal Department. The grievance Committee consists of the representative of the labour and the management which investigates the grievances of the employees.

(III) **Individual Grievances.**—Complaints received by the Labour Office from the employees and also from the Union were of various nature. The following Table gives the number and the nature of the grievances received and dealt with by the Labour Officer.

TABLE II

Serial No.	Nature of cases	Total		Grievances redressed		Not Genuine Pending cases			
		City	Sub.	City	Sub.	City	Sub.	City	Sub.
1	Recruitment and Retrenchment etc.	1497	2250	1225	2241	251	6	21	3
2	Promotion, Transfer, confirmation and annual increments.	798	396	713	391	75	3	10	2
3	Files, Reversions, Suspensions, Dismissals and other punishments	374	44	300	41	70	2	4	1
4	Delay in payment of wages (Wages leave) and allowance	469	249	416	244	40	3	13	2
5	Delay in settlement of Provident Fund and other retirement benefits	358	214	315	209	30	1	13	4
6	Non supply of equipments and uniforms	197	61	176	59	15	1	6	1
7	Delay in sanctioning leave due	419	69	398	65	11	2	10	2
8	House rent accommodation and transfer of quarters	840	132	815	129	15	2	10	1
9	Miscellaneous	3994	1249	3940	1226	44	20	10	3
10	Departmental references etc.	4440	892	4432	892	..	..	8	..
		13386	5556	12730	6497	551	40	105	19

Disputes.—The following disputes were referred to the Assistant Commissioner of Labour and the Conciliation Officer during the period under report:—

TABLE III

Serial No.	Name of the Union	Department concerned	Categories attached	Referred to	Nature of Dispute
1	Municipal Union.	Mazdoor H. S.	Labour Staff	Asstt. Commissioner of labour.	Strike Notice.
2	Do.	Drainage Department.	Labour Staff	Do.	Strike Notice.
	Bombay Municipal Executive Staff Union.	E. O.	Inspectors	Conciliation Officer.	Revision of grades of Inspectors(School).
4	Do.	G. M. D. A.	Met-Inspectors/ Clerk/Head Clerks etc.	Asstt. Commissioner of Labour.	Discontinuation of special pay.

The Scholarship to the children of Municipal Employees

During the year, 730 applications for scholarships were received and 297 scholarships were granted to the applicants for higher education and 277 for secondary education. The total amount given by the way of scholarships to the municipal employees was Rs. 59,370.

Medical Assistance scheme to the Municipal Employees

Under the above schemes, 116 employees were given aid amounting to Rs. 12,635.

Inter Ward and Inter Departmental Dramatic Competitions

Inter Ward and Inter Departmental Dramatic Competitions were held at the Birla Krida Kendra from 16th January to 12th February 1975. 14 departments participated in the competitions. First three enteries were given running trophies. Four prizes of Rs. 101 each were given for the Best Director, the Best Actor, the Best Actress and the Best Art Director and 26 consolation prizes of Rs. 51 each were given for acting on merits. Shri Vidyadhar Gokhale, President Marathi, Natya Parishad presided over the function and distributed the prizes.

Annual Report of Welfare Branch

The following Welfare activities were organised at the different welfare centres during the year 1974-75.

(i) Inter Centre Tournaments and Competitions :—

Volley Ball, Carrem, Kabaddi, Table Tennis, Best Physique and Elocution Tournaments and Competitions were held during the year. Prize and certificates were given to the winners.

(ii) Inter Centre Folk Dance Competition :—

This competition was held in the month of October 1974, 22 items of folk dances were presented Shri N. P. Thakkar, Chairman, L. R. G. P. Committee presided over the function and distributed the prizes.

(iii) Inter Centre Dramatic Competitions :—

Inter Centre Dramatic Competitions were held at the Birla Krida Kendra in the month of December 1974. Shri Ratansingh Rajada, Chairman, Works Committee (City) presided over the function and distributed the prizes to the Best Actor the Best Actress and the Best Director. Trophies were given to the first three dramas. 18 Welfare Centres participated in the competitions. A consolation prize was also given to the 4th drama.

(iv) Film Shows :—

Documentary and full length films of the education and social importance were shown daily at different welfare centres during the year.

(v) Daily Attendance :—

The average daily attendance of adults and children at different welfare centres during the period under report was 2735 adults and 2980 children as against 2620 adults and 2800 children in the previous year.

(vi) Excursion for Nursing Staff :—

The Excursion for the Nursing Staff was organised in the month of February 1975 to Allahabad and Banaras. 48 Nurses of the different hospitals and Maternity Homes participated in the Excursion.

(vii) Band Activities :—

Scout Band is organised at G. T. B. Hospital Welfare Centre and Brass Band is organised at Umerkhadi Welfare Centre.

(viii) Nurseries :—

Three Nurseries are conducted at Bapty Road, Palton Road and Colaba Welfare Centres. Nearly 120 children of the municipal employees take advantage of the same.

(ix) Different Functions :—

Combined Ganpati Festivals were organised during the year under report. Cultural items, competitions etc. were held during the festivals and prizes were distributed to the participants taking part in the programme. Haldi Kumkum functions were held at 30 Welfare Centres. Budha Jayanti functions were held at 8 Welfare Centres.

(x) Seminar :—

A orientation Seminar of the Welfare Workers was organised at K. E. M. Hospital Welfare Centre with the assistance of the Tata Institute of Social Science in the month of October 1974.

(xi) Other Activities :—

Fabrications of Petty Coats and preparation of Arm Bands was carried out through the participants of the Welfare Centres and supplied to the various Municipal Departments.

(xii) Opening of New Welfare Centres :—

The following new Welfare Centres were opened in the municipal colonies during the year under report.

- (1) The Welfare Centre at the Municipal Colony at the Maratha Hospital Compound.
- (2) The Welfare Centre at Municipal Chawls at the Suparibaug (Parel).
- (3) The Welfare Centre at the Conservancy Chawls at Kandivali.

(xiii) Scouting and Guiding :—

The total strength of the scout and guide section was 4010 during the year. The organisation gave services during the year under report by maintaining Law and Order at the time of several celebrations i.e. Urus, Flower Shows etc.

Other activities of Scouts and Guides

- (1) Inter Centre Bulbul Competitions was organised during the year under report.
- (2) They participated in the several scouts activities in the City and the Scout Guide Week, Camp, Fires of West Bombay Bharat Scouts and Guides.
- (3) Our Scouts took part in the competitions, Patrol Leaders Training Camp and First Class Training Camp and Hike Competitions organised by West Bombay District Association.
- (4) Scout Guide Jamboree :—40 Scouts, 4 Scouters, 42 Guides, 5 Guiders attended to All India Jamboree held at Farida-bad in the month of November 1974.
- (5) 1 Girl Guide of this department was deputed to represent India at the International Folk Dance Festival held at Sangam, Poona in December 1974.
- (6) Training Course.—First Class Training Course was organised for the Scouts and Guides at K. E. M. Hospital Welfare Centre.
- (7) Training Camp.—First Class Training Camp was organised for the Guides at Powai Scout Camp for the different Welfare Centres during the year under report.

G. S. SAUDAGAR,
Labour Officer.

PUBLIC RELATIONS DEPARTMENT

Summary of the Public Relations Department for the year 1974-75.

Money spent by the Corporation

Total Expenditure of Public Relations Department and Bombay Civic Journal.

	Public Relations Department.	Bombay Civic Journal.
	Rs.	Rs.
(1) On Establishment. ..	2,12,806	15,596
(2) On other Departmental Activities. ..	2,01,842	48,128

Results Achieved :—

Health Publicity

Film Shows 99	Audience 52,711
Anti-Diseases Campaigns 596	No. of persons Innoculated/Vaccinated 42,617
Exhibitions 12	Exhibitions Visited by 10,00,000 persons approximately.

General Publicity

Press trips arranged to Municipal institutions/ installations etc. during 1974-75.	10
Press Conferences arranged	11
Display Posters and other Publicity literature distributed.	1,00,000 posters 2,00,000 leaflets
3. Suggestions for remedying any deficiencies	Nil.
4. Such other Special Information	Nil.

K. T. PANDIT,
Public Relations Officer.

PUBLIC RELATIONS DEPARTMENT

Shri K. T. Pandit M. A. continued to be in charge of the post of Public Relations Officer during 1974-75.

The department effected publicity about the various activities and services rendered by different Municipal departments and worked as a clearing house in respect of criticism and suggestions appearing in local newspapers. It also carried out health education work and dissemination of information to the public through various media.

Information Counters.

Two information Counters at the main and extension buildings continued to prove as useful adjuncts in giving necessary guidance and information to the public, besides effecting the sale of civic publications.

Informative Publications.

The Civic Diary 1975, containing useful information on civic affairs was brought out in a different format and attractive get-up, in English, Marathi and Gujarati. Other publications, included "Know Your Ward" and the list of Municipal Councillors and Officers. Three new posters on Diphtheria, Poliomyelitis and Small-pox were also brought out.

Press room, equipped with lockers etc. enabled the press reporters as well as the departments to keep proper liaison with each other. Visits of press representatives to Municipal installations and institutions were also arranged and the press was provided with specially prepared handouts, photographs etc.

The department participated in the observance of the World Health Day, National Cleanliness Day, World Leprosy Day, Social Education Week, Sharad Utsav, Family Planning Fortnight, Grow More Trees Campaign, Fire Services Day, Republic Day, Independence Day etc. and also in various Health Drives and Exhibitions organised by various Social Welfare Organisations.

Special Activities

Under the Sister City Relationship established between Bombay and Los Angeles, a good-will delegation comprising of 23 members from the City of Los Angeles was on a five day visit to the City, as guests of the Corporation. The delegation presented a cheque of \$10,000/- for the development of the City of Los Angeles Municipal High School" at Manmala tank.

An elaborate programme of visits to civic institutions and installations, sight seeing, cultural programmes etc. was drawn out for the delegation and was seen through. Similar programmes and activities were also arranged in connection with the visit of the Three Members Delegation from the Leningrad City Soviet which was also on a five day visit to the city as guests of the Corporation.

In connection with the Meeting of the All India Council of Mayors which was held in Bombay on 21st March 1975 all arrangements regarding the stay, transport etc. of the visiting Mayors were made by this department. Programmes including cultural items and sight seeing were also arranged.

In celebration of the Tri-Centenary of the Coronation of Shri Chatrapati Shivaji Maharaj, a large scale exhibition on the life of Shri Shivaji Maharaj entitled "Shiv Srusti" was held at Shivaji Park by the Shiv Pratisthan Trust, Satara. This department and the Education Department participated in this exhibition by putting up displays on Bombay's water supply and the early life of Shivaji Maharaj.

The year 1973-74 was designated as the Centenary Year of the Corporation and the Standing Committee. Various functions and programmes were therefore arranged in the month of September 1974 to mark the year ending of the Centenary Celebration. A central function was held in the Corporation Hall on 4th September 1974 when, as a Memento of the Corporation's Centenary, specially designed Medallions were presented by the Mayor to the Councillors, Municipal Commissioner and Municipal Secretary. Functions were also held in connection with a number of proposed civic projects in suburbs. Extensive publicity was arranged for all these activities through the various media such as press, A. I. R. and T. V.

For the World Education Fellowship International Conference held from 28th December 1974 to 4th January 1975, necessary publicity through Press, T. V. and Radio was arranged in addition to the holding of Press Conferences. As a part of the Golden Jubilee Year (1975-76) of the Seth G. S. M. College and K. E. M. Hospital, various programmes were arranged by the said institutions, for which necessary publicity was arranged from time to time. Similar publicity programme was arranged in connection with the Vasant Mahotsava, a seven day Cultural Festival, held under the auspices of the Civic Sangeet Sabha. Various activities such as cleanliness campaigns, display of exhibits on sanitation, film shows, talks through publicity vans, distribution of posters, folders etc. were arranged in connection with the "Clean Cities Week" which was observed from 13th to 19th January 1975.

The work of collecting donations for the National Flag Day was also carried out. In addition to providing information to various civic bodies in India and to other Government Departments and arranging visits of V. I. Ps. information both in write ups and pictures was culled, collated and furnished to various foreign countries, many of them coming through the Mayor. A number of central functions, official public meetings and press conferences were also organised in connection with the opening of various civic projects and necessary assistance was also given to departments holding such functions.

K. T. PANDIT,
Public Relations Officer.

MUNICIPAL SWIMMING POOLS

Summary of the administration report of Municipal Swimming Pools for the year 1974-75.

Mahatma Gandhi Memorial Olympic Swimming Pool

Total revenue collected at the M. G. M. O. Swimming Pool during the year under report was Rs. 1,99,980.

Total expenditure incurred was Rs. 1,89,523 including the establishment cost of Rs. 1,26,438.

Revenue from the private reservations of the Pool was Rs. 14,380.

Results

3940 were new admissions which included 2175 beginners.

No. of Casual Swimmers was 37374.

1422 school children took advantage of the 50% concessional charge for membership to the Pool.

Sardar Vallabhbhai Patel Swimming Pool, Kandivali

Total revenue collected at the S. V. P. Swimming Pool, Kandivali during the year under report was Rs. 1,19,880.

Total expenditure incurred was Rs. 1,15,000 including the establishment cost.

Revenue from the private reservations of the Pool was Rs. 1800.

Results

2344 were new admissions which included 1388 beginners.

No. of Casual Swimmers was 32139.

1266 school children took advantage of the 50% concessional charge for membership to the Pool.

Ghatkopar Lions Municipal Swimming Pool, Ghatkopar.

Total revenue collected at the Ghatkopar Lions Municipal Swimming Pool, Ghatkopar during the year under report was Rs. 1,29,562.

Total expenditure incurred was Rs. 1,02,323 including the establishment cost.

Revenue from the private reservations of the Pool was Rs. 760.

Results

2685 were new admissions which included 1659 beginners.

No. of Casual Swimmers was 35413.

1239 school children took advantage of the 50% concessional charge for membership to the Pool.

Deficiencies

There is a great overcrowding in the summer season at the Municipal Swimming Pools, which causes inconveniences to the members.

Suggestions

There should be more Swimming Pools in the City and the Suburbs to cater to the needs of the public as there is overcrowding in the existing Swimming Pools which are only three in number.

R. D. KARBHARI,

O. S. I/C,

M. G. M. O. Swimming Pool.

Mahatma Gandhi Memorial Olympic Swimming Pool.

- (1) 3940 Members joined the Swimming Pool during the year under report.
- (2) 2175 Beginners were trained in Swimming during the year.
- (3) 37374 Casual Swimmers including Labourers and Factory Workers availed of the facility of Swimming.
- (4) Sixteen educational Institutions availed of the Swimming facility at concessional charge.
- (5) 11 Members of the M. G. M. O. Swimming Pool were included in the Maharashtra State Aquatic Team for participation in the National Aquatic Championship held at Calcutta in October 1974.
- (6) The Intercollegiate Swimming competitions were held at the M. G. M. O. Swimming Pool in September 1974.
- (7) Free Swimming facilities were provided for the blind persons by granting reservation of the Pool for 2 hours in a week.
- (8) 1422 School going children upto the age of 18 years availed on 50 per cent. concession in fees during the year.
- (9) Private parties reserved the Swimming Pool for 822 hours by which a revenue of Rs. 14,380 was collected.
- (10) Collection of fees during the year was Rs. 1,99,980 as against Rs. 2,29,500 during the previous year.
- (11) The total expenditure was Rs. 1,89,523 including the establishment cost of Rs. 1,26,438 during the year.
- (12) M. G. M. O. Swimming Pool was closed for major repairs from 16-1-1974 to 20-6-1974 and from 6-1-1975 to 12-1-1975 for minor repairs.

Sardar Vallabhbhai Patel Swimming Pool, Kandivali

- (1) 2344 New members joined the Pool during the year under report.
- (2) 1388 Beginners were trained in swimming during the year.
- (3) 32139 Casual Swimmers including the Labourers and Factory Workers availed of the Swimming facility.
- (4) Seven educational Institutions availed of the Swimming facility at concessional rate of Rs. 100 P. M.
- (5) 1266 School going children upto the age of 18 years availed of 50 per cent. concession in fees during the year.
- (6) Private parties reserved the Swimming Pool for 45 hours by which a revenue of Rs. 1800 was collected.
- (7) The amount of fees collected during the year was Rs. 1,19,880 as against Rs. 87,024 during the previous year.
- (8) Total expenditure during the year was Rs. 1,15,000 including the establishment cost.

Ghatkopar Lions Municipal Swimming Pool, Ghatkopar

- (1) 2685 New members joined the Pool during the year under report.
- (2) 1659 Beginners were trained in Swimming during the year.
- (3) 35413 Casual Swimmers including Labourers and Factory Workers availed of the Swimming Facility.
- (4) Five educational Institutions availed the Swiming facility at concessional rate.
- (5) 1329 School going children upto the age of 18 years availed of 50 per cent. concession in fees during the year.
- (6) Private parties reserved the Pool for 19 hours by which a revenue of Rs. 760 was collected.
- (7) Collection of fees during the year was Rs. 1,29,562 as against Rs. 1,04,189 during the previous year.
- (8) Total expenditure during the year including the establishment cost was Rs. 1,02,323.

R. D. KARBHARI,
O. S. I/C,
M. G. M. O. Swimming Pool

ADMINISTRATIVE OFFICER (ENQUIRIES)

Summary of Administration Report 1974-75

Shri C. K. Patel, Superintendent of Licence, continued to remain as Administrative Officer (Enquiries) in charge up-to 26-10-1974. Thereafter Shri K. R. Dixit was placed in charge of the Administrative Officer (Enquiries)'s Department from 27-10-1974 and continued during the year.

(1) Money spent during the year 1974-75.—The total grant allotted to this department for the year 1974-75 was Rs. 4,29,330.00.

(2) Results achieved.—During the year under report total No. of 994 cases regarding acceptance of illegal gratification, misappropriation of Municipal money, serious nature of misconduct, misbehaviour etc. on the part of the Municipal employees and irregularities of minor nature were investigated. Departmental enquiries were conducted in 114 cases in which 182 employees were awarded punishments ranging from warnings to dismissal. In 9 cases, preliminary enquiries were completed and cases were sent to respective departments for conducting departmental enquiries. 358 cases were sent to various departments for taking necessary remedial actions. In 8 cases the delinquents were exonerated as the charges were not proved. 318 cases were filed as the allegations were found to be too false or vague. Besides the above, 742 surprise visits were also paid to various Municipal works in progress, offices and installations for checking musters, accounts and detecting other malpractices. Auction sales and sale of rights in different departments were attended too. The other departments were also given advise and guidance in respect of various cases referred by them to this department involving a number of complicated issues.

Verification of Stores including capital stores at the Stores and Sub-Depots was carried out during the year as usual. Periodical checking of balances of petrol, diesel oil etc., at the various Municipal Pumps was also done and quarterly live-stock statement of bullock as well as increase and decrease statements of live-stock at the Victoria Gardens were verified, checking of the unserviceable articles needlessly occupying considerable space in Municipal Schools was also carried out. Schools and other Ward Offices were visited and unserviceable articles lying there were disposed of as per procedure laid down.

The stock verification section also helped the Enquiries Section in keeping a watch etc. at different places and times for detection of malpractices and investigation work such as scrutiny of voluminous records in specific cases.

The other important work attended to by this Section was the distribution of relief grants from the Mayor's Relief Fund to the persons and families affected by fire, house collapse and other natural calamities.

(3) During the year under review M. C.'s Special Vigilance Cell continued the work of paying surprise visits to different Ward Offices so as to detect the various irregularities and delays committed at various stages. During the year under review three Ward Offices were visited and an intensive inspection of the records of various sections was made. The reports about the irregularities detected at the time were made to the Municipal Commissioner for information and orders regarding action. Steps were also taken to expedite the cases pending with the various Sections at the Ward Offices for long time. The back-log of pending matters detected during the previous inspections was reduced by persistently checking and following the same till the actions in these cases were finalised by the concerned Departments.

K. R. DIXIT,
A. O. (Enquiries) I/c

ADMINISTRATIVE OFFICER (ENQUIRIES)

for 1974-75.

Details of investigations work done by Enquiries and Investigation Branch.

I.—Investigation of—	No. of Cases
(a) Cases of alleged acceptance of illegal gratification and misappropriation of Municipal money by the Municipal Staff ..	56
(b) Cases of irregularities of serious nature on the part of Municipal employees such as misconduct, misbehaviour, rude behaviour and assaults, harrasment to patients in the Hospital, taking leave under false pretext, driving or allowing to drive Municipal vehicles by unauthorised persons, gross dereliction of the duties etc. ..	302
(c) Cases of irregularities of minor nature on the part of Municipal employees, such as irregular attendance, subletting of rooms, harbouring outsiders in their rooms without permission and negligence of duties, etc. and complaints against stall-holders licences and other regarding sub-letting of stalls, infringement of licences conditions, breach of provisions of Shops and Establishment Act, Municipal Bye-laws and Regulations ..	636
(d) Surprise visits paid to various offices, schools and mustering places ..	742
(e) Disposal of cases of miscellaneous nature ..	677

The action taken in the above cases investigated are summarised as under :—

	No. of Cases
(1) Dismissal	4
(2) Removal from Service	8
(3) Demotion	2
(4) Withholding of increments	66
(5) Fines imposed	34
(6) Censures and warnings	57
(7) Recoveries made for loss of Municipal property	11
(8) Sent to Departments for conducting Departmental Enquiries	9
(9) Sent to Departments concerned for necessary remedial actions	358
(10) Filed as the allegations were found to be either false or too vague	318
(11) Exonerated as the charges were not proved	8

I.—The split up according to the status of the delinquents in the cases—employees who have been awarded deterrent punishments such as dismissal, removal from service, demotions and withholding of increment is as under :—

Category	Dismissal	Removal	Demotion	Increment with held
Head Clerk	3
Asstt. Teacher	2	..	1
Pharmacist	1
Clerk	9
Staff Nurse	6
Overseer	6
Rent Supervisor	1
Rent Collector	3
Drainage Asstt.	1
Co-ordinator Family Planning	1
Surveillance Investigator	1
D. S. I.	1	..	..	..
B. D. R. K.	2
Labourer	3	6	2	31

Work done by the Stock Verification Section :—

Serial No.	Details of work	No. of Cases
(a)	Cases received from various departments for scrutiny, verification and audit, and disposed off ..	3097
(b)	Attending sale by auction of Municipal Property or rights etc. ..	393

BOMBAY CIVIC JOURNAL

Shri K. T. Pandit, M. A., continued to work as Editor, Bombay Civic Journal in addition to being the Public Relations Officer, during the year under report.

Many important events took place during the year under review. On the occasion of the State wide celebrations to mark 300th year of the coronation of Shri Chhatrapati Shivaji Maharaj, a special issue was brought out depicting the life and achievements of the great Maratha ruler. For the 17th World Education Fellowship International Conference a detailed account of the conference was given in the Journal together with a pictorial feature. A seven day cultural festival entitled "Vasant Mahotsav" was held for the first time by the Sangeet Sabha which is an adjunct to the Civic Music and Art Academy and the journal gave a wide coverage to this cultural activity aimed at bringing to light the talents of the civic employees in the field of Music and Art. Similarly the Civic Centenary Year Ending Celebrations both for the Corporation and the Standing Committee were occasions of historical importance and as such the programmes, functions held in connection therewith were given due publicity in the Journal.

Special articles having a bearing on the "Citizen & the Civic Government" were published in the Diwali number of the journal. The other issues contained publicity of the different projects undertaken by the administration, two day seminar on Effective Role of Deliberative wing in Urban Government and Human Environment in Metropolitan areas, Golden Jubilee of K. E. M. Hospital, Civic Reception to the President of India, visit of the three member delegation of Leningrad City, Soviet, Los Angeles delegation's good will visit to the City, India's successful Atomic Explosion, Salient features of Bombay Metropolitan Region Development Authority Bill, meeting of All India Mayor's Council in Bombay, observance of "Clean City Week" in Bombay and other related subjects of civic importance.

While concluding the series entitled 'सुवर्णचे ऐतिहासिक दर्शन' written by the noted historian Prof. N. R. Phatak a new series entitled "B. M. C. Act and its application" written by Shri S. M. Y. Sastri Ex. Deputy Municipal Commissioner was introduced in the Marathi Section of the Journal.

K. T. PANDIT,
Editor B. C. Journal.

ORGANISATION AND METHODS DIVISION

Shri M. P. Patil, M. A., L. S. G. D., Pravin, Acting Assistant Supervisor (Marathi) was asked to continue to look after the work of O. & M. O. in addition to his own work from 1st April 1974 to 23rd February 1975 and from 27th March 1975 to 31st March 1975. During his leave period from 24th February 1975 to 26th March 1975, P. A. to M. C., Shri D. T. Chaubal, B. Sc. looked after the work of O. & M. O. in addition to his own work.

During the year the following main activities were conducted by the Division :

- (i) Standardisation of forms and registers.
- (ii) Re-arrangement of Municipal Records.
- (iii) Scrutiny of proposals from the following departments—

- (a) Birla Kreedha Kendra.
- (b) M. G. M. O. Swimming Pool.
- (c) Chief Librarian.
- (d) Curator of Museum.
- (e) Municipal Chief Auditor
- (f) General Manager, B. E. S. T.

(iv) Introduction of Marathi :

- (a) Employees are allowed to do original noting and drafting in office files in Marathi without furnishing English version thereof.
- (b) Some more forms were got printed only in Marathi.
- (c) In the departmental test the quantum of marks for questions to be answered compulsory in Marathi being increased, the examinees were allowed to answer the General Knowledge paper entirely in Marathi.

Some circulars are being issued in Marathi.

- (v) The proposal of granting Rs. 100/- as a prize for acquiring efficiency in Marathi typing by the employees who are not recruited as a Marathi typist is sanctioned upto 31st December 1977.

Training :

O. & M. O. (M. C.'s Office) has been entrusted with the work of arranging various training classes for imparting training in Marathi and for arranging the inservice training classes for the newly recruited clerks in Municipal Corporation of Greater Bombay. He himself gives the lectures. The following classes are accordingly conducted.

- (1) In-service Training Classes.
- (2) Classes for imparting training in Marathi to the employees of the Municipal Corporation of Gr. Bombay whose mother tongue is not Marathi.
- (3) Classes for imparting training in Marathi writing to employees in lower cadre whose mother tongue is not Marathi.

Besides this O. & M. O. is asked to take steps to accelerate the introduction of Marathi in the day to day Municipal administration. Accordingly steps are being taken.

Method Study :

The O. & M. Officer examined some cases regarding method study.

Forms, Registers etc :

Changes and improvements in forms and registers, reprinting of registers and forms is being examined by the O. & M. O.

Recruitment :

There are various panels set up for all recruitments upto the clerical level and O. & M. O. is one of the members of all these panels. He accordingly attends the various interviews held for recruiting candidates in various categories.

Furniture Proposals :

Scrutiny of the proposals for the purchase of furnitures submitted by various offices was done and suitable recommendations were made thereon.

Weekly Abstract :

Weekly reports were collected from different offices and Ward Offices and a consolidated statement thereof was submitted to M. C. with comments thereof.

Operation of the Suggestion Scheme :

The suggestions received from the staff for the improvement in the Municipal Administration were examined and processed.

M. P. Patil,
O. & M. O. I/C. (M. C.'s Office)

PRODUCTIVITY CELL

The Productivity Cell comprises of specially trained staff in the various fields of "Productivity Science". It is charged with the responsibility of conducting programmes aimed at man power development according to needs and streamlining methods and procedures of work for higher efficiency. The secret of higher efficiency lies in developing the employees at all levels in productivity techniques. The optimum utilisation of the resources, viz. Men, Money, Time and Materials is the direct result of putting these techniques into practice.

Sbri N. P. Nobre, B. E. (Civil) . . Executive Engineer in charge of the Cell during the period of 1974-75.

Some of the major projects carried out or under preparation during the period 1974-75 are :—

- (1) Standardisation of labour gangs and work norms for Building Repair Section.
- (2) Method improvement in granting permission for water connection.
- (3) Study of requirement of models in connection with training programmes for Hydraulic Engineer's Department.
- (4) Fixation of duties, responsibilities and authorities of the staff working in City, Engineer's Department.
- (5) Lay-out of the proposed building at Central Stores.
- (6) Implementation of productivity report in Municipal Power Laundry and its review.
- (7) Preparation of detailed plans for the proposed Training Centre at Worli.
- (8) Preparation of syllabus for "Local Government Service" examination.
- (9) Preparation of training scheme for the Ambulance Unit of Sion Hospital.
- (10) Preliminary study of the Refund Section of Octroi Department.

In addition to the above mentioned major projects many minor projects were also carried out.

Training Activity :—

- (1) Induction training courses for the staff of Water Supply and Sewerage Department.
- (2) Supervisory training courses for the staff of Water Supply and Sewerage Department.
- (3) Organising "Training for Trainers" Course for the senior and middle executives of Water Supply and Sewerage Department.
- (4) Job training classes for newly recruited Beat Inspectors working in City Engineer's Department in 'Factories—Policies and Procedures'.
- (5) Organising refresher course in 'Structural Engineering' for Water Project Engineers of Powai Office.
- (6) Ambulance scheme training covering the staff associated with the Pilot Project Sion Hospital.

Seminars :—

Following seminars were organised for the top and the senior level executives of Water Supply and Sewerage Department.

- (1) Effective Time Management.
- (2) Decision Making.

Manuals/Handouts :—

- (1) Hand out on 'Training for Trainers.'
- (2) Preparation of manual for Repairs Section of City Engineer's Department.

Library :—

The centralised technical library has been established to have better co-ordinated effort to disseminate literature and to have an effective control over the purchase and issue of books. It has been further developed by the additions of new books. The membership is steadily building up.

N. P. NOBRE,
E. E. (Productivity).

BOMBAY MUNICIPAL SECURITY FORCE

Summary for the Administration Report for the Year 1974-75.

1. *Money spent by the Corporation :*

Total Expenditure of the Bombay Municipal Security Force during the year was :—

	Rs.
(i) On Establishment matters	.. 95,69,515.00
(ii) On other matters	.. 1,09,203.00
	<hr/> 96,78,718.00 <hr/>

2. *Results achieved :—*

(i) No. of Departmental Enquiries completed by the Security Branch.	.. 153
(ii) No. of Theft etc. cases reported.	.. 336
(iii) Value of Municipal property involved.	.. Rs. 64,556.92
(iv) No. of cases detected.	.. 125
(v) Value of property recovered.	.. Rs. 21,201.63
(vi) No. of Security Guards recruited in the year.	.. 66

3. *Suggestions for remedying any deficiencies :—*

Nil

4. *Such other special information :—*

- (i) The Bombay Municipal Security Force conducts a Training School for Security Guards. During the year under report 120 Security Guards, were imparted Training.
- (ii) The Bombay Municipal Security Force is in-charge of Industrial Home Guards Unit of the Municipal employees. It has 109 members enrolled on it.

G. H. SALUNKE,
Security Officer I/c.

Administration Report of the Bombay Municipal Security Force for the year 1974-75.

Shri G. H. Salunke, Ag. Asstt. Security Officer continued to hold charge of the post of Security Officer during the period under report.

2. The Security Officer is assisted by three Assistants Security Officers in his day to-day administration. Sarvashri G. H. Salunke, D. G. Shinde & C. W. Zambre from among the rank of Security Assistants, are holding the charge of posts of Assistants Security Officers temporarily after their selection by the Selection Board of the Corporation.

3. The work done by the Security Force is of two types, one is of Investigation which includes conducting the Departmental Enquiries & the other of Detection of theft and pilferage cases of Municipal Properties in addition to making necessary arrangements for guarding Municipal Buildings and Municipal Installations.

4. The work of Departmental Enquiries completed by Assistant Security Officers is as follows :—

I—Departmental Enquiries :—

(a) Cases of alleged acceptance of illegal gratification and Misappropriation, theft or pilferage of Municipal Property or Materials. ..	53
(b) Cases of irregularities of serious nature on the part of Municipal employees such as misconduct, misbehaviour, rude behaviour and assaults, harassment to patients in the hospital, taking leave under false pretext, gross dereliction of duties etc. ..	49
(c) Cases of irregularities of minor nature on the part of Municipal employees, such as irregular attendance, subletting of rooms, harbouring outsiders in their rooms without permission and negligence of duties etc. ..	43
Total ..	145

(a) The action taken in the above cases is summarised below :—

	No. of employees	No. of cases
(1) Dismissal ..	10	} 145
(2) Removal from Service ..	26	
(3) Promotions withheld ..	..
(4) Demotion ..	..
(5) withholding of increments ..	66	
(6) Fine imposed ..	11	
(7) Censures & Warnings ..	6	
(8) Recoveries made for loss of Municipal Property. ..	9	
(9) Sent to Departments concerned for conducting further D.Es. ..	..	16
(10) Sent to Department concerned for necessary remedial action ..	..	2
(11) Filed as the allegations were found either false or too vague.. ..	..	1
(12) Exonerated as the charges were not proved. ..	..	6
(13) Enquiries in progress at the end of the year. ..	..	51
Total ..	..	221

I—(a) : The split up according to the status of different employees who have been awarded deterrent punishments such as dismissal, removal from service, demotion and withholding of increment is as under :—

Category	Dismissal	Removal	Demotion	Increment withheld.
Clerk ..	..	..	..	1
Security Guards & Head Security Guards ..	3	6	..	43
Labour staff other than Security Guards and other categories ..	7	20	..	22
Total ..	10	26	..	66

II : The classification of very serious offences for which punishments of Dismissal, Removal from service, Demotion; & Withholding of increments was resorted to and the number of employees to whom the said punishments were awarded for such offences is as follows :

Description of the offences	Dismissal	Removal	Demotion	Increment withheld.
(1) Pilferage of Municipal property such as Store articles, Dietary articles, etc. ..	6	7	..	15
(2) Misbehaviour, Misconduct etc. ..	4	19	..	51
Total ..	10	26	..	66

The Departmental Enquiries pending with this department (A. S. Os.) is 222

III : The Security Department maintains Orderly Room Registers with the Security Officer and Assistants Security Officers and the Staff of Security Department is placed in the Orderly Room. The persons found guilty of minor defaults are punished such as cautioned, censured or fined. The punishment imposed is recorded in Orderly Room Registers. The fine thus recovered from 183 Security Guards amounts to Rs. 235.00 during the year under report. This procedure is adopted in the Police Department and it is found suitable as it gives better control over the men working in the Bombay Municipal Security Force.

The work of theft cases detected and the recovery of stolen property is tabulated below

	Total No. of cases	Total property involved		Total property recovered	
		Rs.	P.	Rs.	P.
	336	64,556.92		21,201.63	
Detected	.. 125				

	Hospitals			Others		
	Cases	Property lost Rs. P.	Property recovered Rs. P.	Cases	Property lost Rs. P.	Property recovered Rs. P.
	107			229		
Detected	42	11,136.80	6,256.80	Detected 83	53,420.12	14,944.83

	Hospitals	Others
I—Municipal employees involved.	.. 107	151
(a) Municipal employees against whom departmental action is taken.	.. 59	64
(b) Municipal employees against whom departmental action is pending.	.. 48	87
II—Municipal employees against whom Police cases were made.	.. 9	26
(a) No. of employees convicted.	.. ..	2
(b) No. of employees against whom Police cases are pending.	.. 9	24

5. With the expansion of activities of Municipal hospitals viz. (1) L. T. M. G. Hospital (2) K. E. M. Hospital and (3) B. Y. L. Nair Ch. Hospital and Kasturba Hospital, the number of patients attending them has also increased. In order to put a check on the pilferage and other complaints the Security Staff at these hospitals, was increased. Additional Security Assistants was also posted at each of these hospitals. At K. E. M. and Kasturba and Nair Hospitals, provision of Security Assistant is made in all the three shifts. This increased strength of Security personnel is showing the desired effect.

6. The Security Force was engaged for special bandobast on Bombay Bundh days, Morchas Demonstrations etc. The Security Force was also engaged in special bundobust at Corporation meetings at the Corporation Hall.

7. The Security Force conducts the Industrial Unit of the Home Guards for Municipal employees and there are 109 members entolled on it at present.

8. The Security Force participates in Flage Salutation Ceremony on the Republic Day (i. e. 26th January) and Independence Day (i. e. 15th August) every year when special staff is called for parades on the occasions.

9. The Security Force has got its own Training School for the Security Guards and during the year under report 120 Security Guards (Recruits) were imparted Training.

10. The total expenditure on the Establishment of the Security was Rs. 96,78,718.00 and there were 2681 men working on the Establishment which includes Officers, Sub-ordinates and Labour Staff. The Security Force recruited 66 candidates as Security Guards during the year under report.

G. H. SALUNKE,
Security Officer i/c

DEONAR ABATTOIR

Summary of Administration Report 1974-75.

All slaughtering units of Abattoir were functioning quite satisfactorily during the year under report.

The Inedible Rendering Plant for Blood Rendering was commissioned successfully and the blood powder of International Standard was produced during the period under report.

The Export of chilled meat was increased considerably due to the ideal arrangement provided at Abattoir.

During Bakri-Id Festival a special arrangement was made at Deonar Abattoir to enable the sacrificers to slaughter the animals as was done in last year.

A number of Pharmaceutical Concerns were taking benefit of the facilities made available for collection of various glands and some of them have undertaken the new research projects for developing new drugs from the glands.

The construction of Administrative Building, 52 Rooms for Sheep and Goat Merchants and 6 Rooms for Cattle Merchants was completed and the construction of 600 self-contained tenements, four live stock market sheds, Rest Rooms for Gawals, Dispensary for Slaughter House Workers were in progress. The work of shifting the garage from city to Abattoir was undertaken and was in progress.

Number of horned cattle slaughtered at Abattoir during the year under report was somewhat reduced due to the reimposition of quota restrictions by the Government of Maharashtra.

A number of VIPs from various folds of life and from abroad paid visit to Deonar Abattoir.

Dr. D. M. BAILUR,
G. M. D. A.

DEONAR ABATTOIR

- (1) Dr. D. M. Bailur, B.Sc. (Vet.), M.R.C.V.S. (London) continued to hold the Office of the General Manager during the year under report.
- (2) All the Units of the Abattoir continued to function smoothly during the year under report and the number of animals slaughtered was also more as compared to the number of animals slaughtered at old slaughter houses at Bandra.
- (3) The Inedible Rendering Plant for Blood Rendering was commissioned successfully during the year under report. In the beginning the production was not upto the mark but after a few trials the blood powder of International Standard was produced, viz., with protein contents well above 80% and moisture contents limiting to less than 10%. This high quality blood meal was disposed of by inviting public tenders and it fetched the highest price of Rs. 3.45 per kg. The annual production was worth Rs. 3,80,000.
- (4) The exporters continued to take the benefit of the ideal arrangements provided at this Abattoir and the export of meat increased substantially during the year under report especially in case of chilled mutton which was mainly air-lifted.
- (5) As was done last year, during the Bakri-Id Festival, special arrangements were also made for sacrificial slaughter of animals in the Live-stock Market Sheds, where during 3 days 2669 bullocks, 84 M. B. C. and 15 buffaloes were slaughtered by the sacrificers. The Municipal Meat Vans were also made available for the transport of the animals slaughtered by the sacrificers to the different parts of the city. The entire arrangement was very much appreciated by all concerned.
- (6) M/s. Hoechst Pharmaceutical Co. have increased the number of cattle-calves slaughtered at Deonar Abattoir for the pharmaceutical use of production of foot and mouth vaccine.
- (7) Pharmaceutical concerns like M/s. Sandoz Ltd., M/s. Griffon Laboratories, M/s. Immua Kimia, M/s. Cipla, M/s. Franco-India, Haffkine Institute and many other concerns have continued to take the benefit of the facilities made available for collection of various glands etc., at Deonar Abattoir for the use of their pharmaceutical products. M/s. Park Davis, M/s. Boots etc., have undertaken the new research projects for developing new drugs from the glands collected at Deonar Abattoir.
- (8) The construction of 600 tenements was in progress during the year under report. The construction of 4 more Live stock Market Sheds was in progress. The work of construction of Administrative Office Building is completed.
- (9) The construction of 52 rooms for sheep and goats merchants and 6 rooms for Cattle Merchants was taken up and completed during the year under report. The construction of Rest Rooms for Gawals and that of Dispensary for Slaughter House workers was undertaken during the year under report and the works were in progress. In order to avoid the complaints of non-availability of meat vans in time and to improve the services further, a Meat Van Garage was proposed to be accommodated in the Abattoir Compound and accordingly the work of shifting the garage from city to Deonar was undertaken and was in progress during the year under report.
- (10) The plans and estimates for additional lines in Cattle Units and Sheep Unit were nearing finalization during the year under report. Similarly it has been decided to provide 4 more sheds in addition to the present 8 sheds for stabling the animals brought for slaughter, as the existing arrangements were proved to be inadequate.
- (11) The Government of Maharashtra re-imposed the quota restrictions in case of horned cattle with effect from 1st December 1974. The Government did not increase the number of animals of different species to be slaughtered at Deonar Abattoir fixed in 1966, though the demand for local consumption had gone up substantially. This had also an adverse effect on the Cattle Unit and the number of animals slaughtered was substantially reduced. The efforts to remove the quota restrictions were made but the grievance in this respect was not successfully redressed by the Government.
- (12) During the year under report quite a number of dignitaries from various States and from Abroad paid visits to Deonar Abattoir.
- (13) Since last year the Bombay Vet. College started arranging Exhibitions connected to the development of Vet. Science in the compound of Vet. College at the time of Annual Gathering of the students. At the request of the Dean and Principal of Vet. College, Deonar Abattoir took part in it and exhibited various specimens charts about the activities carried out at Deonar. A harmoniprodie goat was also exhibited. The stalls of Deonar Abattoir were the main attraction of the entire Exhibition and First Prizes were awarded during both the Exhibitions held in 1973-74 and 1974-75. Among others, the Cabinet Minister Shri Y. B. Chavan and the Chief Minister of Maharashtra not only visited the stall but appreciated the efforts of Deonar Abattoir Staff.
- (14) The number of animals brought, rejected at the ante-mortem inspection, slaughtered etc., are shown in the accompanying statement-I.
- (15) The total amount of the revenue collected during the year under report is shown in the accompanying Statement-II.

STATEMENT ' I '

Part I

YEAR	ANIMALS BROUGHT AT DEONAR ABATTOIR					ANIMALS REJECTED AT ANTE-MORTEM INSPECTION						
	Buffaloes	Bullock & Male- Buffaloes Calves	Sheep & Goats	Pigs	Pig- ling	Buffaloes	Bullocks	Male- Buffaloe Calves	Sheep & Goats	Pig	Pig- ling	
1973-74	55,563	69,860	14,45,728	19,808	75	*1,345	*1,422	*376	†7,065	...	...
1974-75	55,420	77,160	23,02,596	19,561	74	*2,167	*1,774	*338	†20,950	...	...
% of Rejection						1973-74	2.4%	2.03%	0.47%	0.04%		
						1974-75	3.5%	0.29%	0.43%	0.99%		

* Animals rejected by Government Vet. Officer.

† Animals rejected by Municipal Vet. Officer.

PART—II

Year	ANIMALS REMOVED OUT OF DEONAR ABATTOIR					
	Buffaloes	Bullocks	Male-Buffaloe Calves	Sheep & Goats	Figs	Piglings
1973-74	...	...	...	1,49,772	...	...
1974-75	64	66	49	2,51,135	...	...

PART—III

YEAR	ANIMALS SLAUGHTERED DURING THE YEAR					
	Buffaloes	Bullocks	Male-Buffaloe Calves	Sheep and Goats	Figs	Piglings
1973-74	51,168	66,787	3,403	12,04,492	19,751	77
1974-75	43,271	72,509	5,909	16,20,698	19,327	65

PART—IV

YEAR	MEAT CONDEMNED DURING THE YEAR									
	QUANTITY OF MEAT PRODUCED (IN TONS)			(IN TONS)			% of Condemnation			
	Beef	Mutton	Pork	Beef	Mutton	Pork	Beef	Mutton	Pork	
1973-74	...	19,783.20	12,045.00	493.7	53.77	2.6	1.07	0.26%	0.02%	0.002%
1974-75	...	17,082.37	16,206.98	483.6	98.12	7.3	6.93	0.57%	0.045%	1.43%

STATEMENT—II

Revenue collected at Deonar Abattoir

	1973-74		1974-75	
	Rs.	P.	Rs.	P.
(1) Fair Fees	...	17,72,353.89	...	19,17,673.10
(2) Slaughter Fees	...	21,89,208.85	...	35,78,113.60
(3) Licence Fees	...	43,330.30	...	42,834.75
(4) Service Charges for slaughtering of animals	...	36,12,551.90	...	45,09,973.20
(5) Blood Fees	...	2,22,816.90	...	3,12,898.06
(6) Miscellaneous Receipts	...	3,52,402.22	...	4,97,504.42
(7) Rent	...	1,16,412.28	...	1,70,628.12
		83,09,076.25		1,10,29,625.25

PROJECT ENGINEER (SEWERAGE) DEPARTMENT

Summary of the Administration Report of Project Engineer (Sewerage) Department for the year 1974-75 giving Important Statistical information.

I.—(a) Expenditure :—

	Rs.
(a) Expenditure incurred on execution of works from Capital Expenditure Budget 'G'	2,47,57,184.00
(b) Expenditure incurred on execution of works of Sewerage Operation & Maintenance from Revenue Budget	4,57,526.00
(c) Expenditure on Establishment	2,01,84,231.00
(d) Expenditure on other heads—	
(i) From loan Works Budget	
(ii) From Revenue Budget	69,85,201.00

(b) Revenue :

Revenue earned by the Department during the year 1974-75 .. 15,88,532.00

II.—Achievements :

	Drainage Construction Section	
	No. of works completed.	No. of works in progress.
(a) Sewer works ..	26	56
(b) Pumping Station ..	..	3
(c) S. W. drains (Old City Limits) ..	3	6
(d) Nallas (Old City Limits) ..	..	..
(e) Miscellaneous Works ..	6	1

**PROJECT ENGINEER (SEWERAGE) DIVISION
ADMINISTRATION REPORT FOR THE YEAR 1974-75.**

Shri N. L. Patel, B. E. (Civil) M. I. E. continued to hold the office of the Project Engineer (Sewerage) during the year under report.

In the Administration Report for 1973-74, it had been stated that the Sewerage Construction Sections had continued to work under the respective Zonal Deputy City Engineers for administrative convenience. During the year under report, the Sewerage Construction Sections were placed under the control of the Deputy Project Engineer (Sewerage Construction) with overall control of the Project Engineer (Sewerage). The work of Sewerage Operations and Maintenance which was earlier under the City Engineering was also taken over under the overall control of Project Engineer (Sewerage).

There was no occasion to invoke provisions of the Bombay Municipal Servants' Act 1890.

The reports of the work done in the Sewerage Planning, Sewerage Construction and Sewerage Operations and Maintenance Sections are as under :—

I.—SEWERAGE PLANNING

(Sewers in Greater Bombay area and storm water drains in the City)

The abstract of the work done during the year 1-4-1974 to 31-3-1975 is as follows :—

Serial No.	Particulars	Details of plans and Estimates prepared.
1	No. of contract plans prepared.	64
2	No. of cloth tracings done.	34
3	No. of paper tracings done.	331
4	No. of Amonia Print copies taken out.	5580
5	No. of Block estimates prepared.	48
6	Total amount of block estimates.	.. Rs. 12,38,61,643.
7	Detailed plans and estimates completed in all respects.	.. 111
8	Total amount of detailed estimates.	.. Rs. 6,42,83,192.
9	No. of tenders invited.	.. 75
10	No. of contracts awarded.	.. 44
11	Detailed estimates in hand.	.. 63
12	Total approximate cost of detailed estimates in hand.	.. Rs. 6,54,63,615.

Particulars of detailed plans and estimates completed in all respects referred to above.

Particulars	No. of estimates	Estimated cost Rs.
(a) Sewers	.. 86	5,62,21,231
(b) S. W. Drains	.. 17	-80,61,911
(c) Pumping Stations	.. 8	..
(d) Miscellaneous	.. ..	..
Total	.. 111	6,42,83,192

II.—SEWERAGE CONSTRUCTION BRANCH

This branch supervises the work of providing and laying under ground sewers, improvement of common house gullies and construction of pumping stations, after contracts are awarded by the Planning and Design Branch.

A synopsis of the work done by this Branch during the year is given below.

SYNOPSIS OF THE WORKS DONE (CONSOLIDATED)

Serial No.	Particulars	Completed works		Works in progress	
		Nos.	Actual cost	Nos.	Estimated cost
1	Sewer works	.. 26	Rs. 1,30,35,503	56	Rs. 3,70,02,314.53
2	Pumping Station	.. ..	..	3	56,99,863.00
3	S. W. Drains (Old City Limits)	.. 3	2,07,319.00	6	40,03,762.93
4	Nallas. (Old City Limits)	.. ..	..	..	..
5	Miscellaneous	.. 6	27,34,519.00	1	5,76,225.00
		34	1,59,77,346.00	66	4,72,87,165.46

Appendix No. (I) and (IA) show the progress of the work of sewers and S. W. drains (in the City Area) carried out through contracts during the year.

Appendix 2, 2A, 2B show the Sewerage works completed in Zone I, Zone II (H & K), Zone II (P & R) respectively.

Appendix 3, 3A, 3B, 3C show the Sewerage works in progress in Zone I, Zone II (H & K), Zone II (P & R) Zone III respectively.

Appendix 4 shows the details of the work of cleansing main sewers through Contract.

Appendix (4A) shows the details of the work of cleansing Main Sewers by Municipal Staff.

III.—PUMPING STATIONS AND PURIFICATION WORKS

(1) Colaba Purification Plant.

The following are the units under the supervision of Sub-Engineer Colaba.

- (A) Colaba Air Compressor Station and 7 Ejectors in the southern part of Bombay.
- (B) Afghan Church Pumping Station.
- (C) Colaba Purification Plant.

(A) The Compressors and seven Ejectors worked satisfactorily during the year 12th discharge main on Ejector Nos. 1, 6, and 7 was replaced by a new main.

(B) "Afghan Church Pumping Station a Colaba Purification Plant. & The following repair works were carried out :—

(C) The complete overhauling of Power House at the Plant and complete overhauling of O. C. B. S. and starters of pumps was carried during the year at Afghan Church.

2. Complete overhauling of grit elevator unit at Colaba Plant was carried out.
3. 2 1/4" dia M. S. shaft of Main Pain stock valve of Afghan Church Pumping Station was replaced by a new one.
4. Colaba Purification Plant was shut down from 4-11-1974 for Epoxy and Inertol Painting to P. S. Tank No. 1, 2 and F. S. Tank No. 1 and 2.
5. All M. S. Parts including Central drums were replaced by new ones for P. S. Tank No. 1 2 and F. S. Tank 1 and 2.

The statement showing yearly and monthly figures of sewage; sludge and energy is given in Appendix No. 5.

(2) LOVE GROVE PUMPING AND PURIFICATION WORKS PUMPING STATIONS.

Pumping Station No. 1.

The vertical sulzer pumps as well as Vickers' Gill Pumps were operated during the year. The two vertical sulzer pumps were in operation for 5750 hours and 30 minutes and two Vickers' Gill pumps for 3683 hours and 30 minutes during the year. The pumping station No. 1 pumped out 43,142.75 M. Litres of Sewage water directly to sea 2309.28 M³ of silt was removed from the sewage.

Pumping Station No. 2.

Four pumps of puming station No. 2 worked for a total of 21,510 hours and 30 minutes and discharged 1,62,977.96 M. Litres of sewage water Prior to pumping 155.22 M³ of screenings were removed from the sewage.

PURIFICATION WORK

Detritus Plant :—

Both the units of Detritus Plant were operated and 22.22 M³ of screening and 185.22 M³ of silt was removed.

Treatment Plant :—

The Primary Settling Tanks No. 1 and No. 2 were operated.

(1) Total sewage treated	.. 2940.90 M. Litres.
(2) Raw sludge pumped into Digestion Tanks	17,126.92 × 10 ³ Litres.
(3) Digested sludge removed	.. 1591.1 × 10 ³ Litres.
(4) Gas generation	.. 21,932.5 M ³ .
(5) Dried sludge manure sold	.. Nil.

Flood Gates :—

The flood gates at Love Grove Pumping Station, Cleaveland Bunder and Dharavi were operative.

The following works were carried out during the year. Replacement of 8'×6" copper pipe line from the old steam pump house to the compound wall and 6' dia. pipe across Dr. Annie Besant Road, improvement of road, repairs to one of the flaps of the central flood gate, M. S. Structure on dredger arms, repairs to 5'-4"×8'-0" ovoid main sewer, construction of cement concrete pathways, Installation of 10 Tonnes/24 hours capacity Refuse Incinerator and Painting of 4 Bunglows of pumping station.

(3) Sewage Purification Works at Dadar :—

This plant functioned satisfactorily throughout the year. Total quantity of sewage received for treatment was 20,466 M. Litres with an average of 56.07 Million Litres per day. Out of this only 16.4 million litres of Sewage was given secondary treatment. The whole quantity was given primary treatment. Appendix No. 6 gives salient features of performance of primary settlement and secondary treatment.

Both the digestion tanks worked satisfactorily through out the year and generated 40050000 Cu. Feet (11,44,300 C.M.) of gas as a by product.

Appendix 7 gives statement of gas generation and utilisation during the current year.

The revenue realised by sale of gas was Rs. 2,48,562.92.

There was no sale of dried sludge manure as no contractor came forth. Only Rs. 202/- were realised by sale of scum manure.

Laboratory at Dadar Purification Works :—

The laboratory analysed samples of raw sewage, settled sewage, raw sludge, effluent, sludge gas, etc. from various purification plants.

Besides, samples from sewers and wells, were analysed to ascertain pollution and utility of water for industrial use respectively.

The problem of removal of H₂S from sludge gas is undertaken with the collaboration of B. A. R. C. and N. E. E. R. I. at Dharavi and Khar Plants respectively.

About 2000 visitors visited Dadar Purification Works and Laboratory during the year.

Appendix 9 gives the laboratory data.

(4) Dharavi Purification Plant :—

The performance of this plant was satisfactory throughout the year. The pumping station installed in the premises of the Purification Plant functioned well and pumped out 38975 million litres of sewage during the year.

No dried sludge manure was sold this year due to nonavailability of a contractor. The revenue realised by sale of gas was Rs. 32,354.99. The quantity of gas generated was 183376 cu. mtrs.

Appendix 10 gives the salient feature of the performance of the plant.

(5) Other Pumping and Compressor Stations in City :—

In the year 1974-75, the pumping unit at different pumping stations were running with their full capacity.

There were some break downs of rising mains of Tank Bunder Pumping Station and Salt Pan Pumping Station and were repaired.

The two compressors at Victoria Garden Air Compressor Station were overhauled. Similarly the alteration of the lubricating system of one unit and the change of bearings of the same is done at Wadala Pumping Station.

The Ejectors at various places are too old. The repair number of works on them increased and then those are not working satisfactorily. The ejectors require early replacement by Pumping Stations.

Statement showing the working of pumping and compressor stations is given in Appendix No. 11.

(6) Mechanical Branch (North and Project):—

The following sections are under administrative supervision and control of Executive Engineer Mechanical (North and Project).

1. Dadar Purification Works.
2. Dharavi Purification Works.
3. Sewage Pumping Stations and Purification Works in Suburbs.
4. Planning and construction for Mechanical and Electrical Works for drainage installations (Pumping and Purification Works) in City and Suburbs.

(7) Pumping Stations and Purification Plants in Suburbs:—

Purification Plants at Khar, Versova and Ghatkopar, each having a primary treatment capacity of approximately 9 million litres per day, worked satisfactorily throughout the year.

The gas generated was burnt off.

The eleven No. of Sewage Pumping Station in Suburb (8 independent and 3 attached to the Purification Plants) worked quite satisfactorily and pumped out 97390.52 million litres of sewage.

The salient features regarding operation and performance at the pumping stations are given in Appendix 12. A graph showing the sewage pumped in the Suburb for the last 5 years is shown in Appendix 13.

The statement showing the mechanical and electrical work done by design and construction section under E. E. Mechanical (N & P) pertaining to pumping station and Purification Plants is given in Appendix 14.

IV—Maintenance of Drains and Sewers.

The work consists of (i) Cleansing and Maintenance of all underground Sewers and Storm water drains and open channels (ii) Making street connections from the drainage system of properties to sewers and Storm water drains.

The work of systematic cleansing of common house drains and pipe sewers in private properties was done as detailed in the table given below:—

Serial No.	Length cleaned in Metres	Silt Removed in Cubic Meters
(1) House Drains	2133469	4615.88
(2) Pipe Sewers	714970	3455.65

Repairs to manholes and gratings of water entrances. The statement below shows the details of the work done.

	Total No.	Total cost
(1) Repairs to manholes	356	Rs. 14,990
(2) Replacement of gratings	687	Rs. 34,720
(3) Removal of vent shafts	24	Rs. 6,762

567 Drainages works costing Rs. 4,60,688 were executed through Annual Petty works contractors.

Street Connections.—During the year 373 Street connections were made to sewers.

Requisition in respect of house drains.—4105 Requisitions under various sections of the act were issued against house owners for rectifying drainage defects.

Biological installation at Banganga.—An amount of Rs. 15,000 was spent on maintenance work.

V.—Subvention Schemes

1. In all 720 notices under Section 231 were served. In 252 cases parties submitted their proposals and in 145 cases house owners carried out the work in compliance with the notices served on them.

In all 317 notices under Section 248(i) of the Bombay Municipal Corporation Act for conversion of basket privies into water closets in full flushing system were served on the house owners. In 59 cases privies were converted into water closets on full flushing system. The total amount of subsidy paid during the year was Rs. 1,47,945.

2. The Corporation under their Resolution, No. 2102, dated the 17th May 1958 and No. 958, dated the 17th November 1958 had approved of granting subsidy of Rs. 200 per aquapriety seat and also similar subsidy for commodes being converted into W. C. on full flushing system on the basis of Basketprivies. For the expeditious implementation of the above scheme, the Corporation under their Resolution, No. 292, dated the 6th July 1967 have sanctioned (1) and increased subsidy of Rs. 500 per privy seat converted into a water closet on full flushing system in sewered areas and (2) a subsidy of Rs. 800 per privy seat converted into a water closet on septic tank system in unsewered areas, in respect of the existing buildings only in the City, Suburbs and Extended Suburbs. These rates have further been revised to Rs. 1,000 and Rs. 1,600 respectively as per Corporation Resolution, No. 1765, dated the 14th February 1974.

3. Similarly the owners from the Suburban areas have also been allowed to draw subsidy of Rs. 50 per W. C. seat of the premises having septic tanks for disconnecting the flow of waste water septic tanks and connecting the same to the Municipal sewers as per Corporation Resolution, No. 794, dated the 24th October 1958 and Corporation Resolution, No. 1770, dated the 31st March 1959.

N. L. PATEL,
Project Engineer-Sewerage.

APPENDIX No. I

Period from 1-4-1974 to 31-3-1975

(a) Appendix showing the progress of works of sewers.

No.	Particulars	Total No.	150 mm.	230 mm.	300 mm.	250 mm.	400 mm.	450 mm.	30 mm.	500 mm.	600 mm.	700 mm.	800 mm.	900 mm.	1000 mm.	1050 mm.	1200 mm.
(1)	Total length of S. W. sewers of various pipe size in meters.	1234	20734	4704	60	266	100	230	120	226	5	165	40	20	40	110	
	R.C.C. pipes.	2140	...	...	...	...	100	65	...	30	...	...	...	...	...	...	...
(2)	Total No. of manholes provided on sewers.	1582	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(3)	Total No. of vent shafts provided on sewers.	173	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(4)	Cost incurred on sewers.	Rs. 1,96,50,397.															

APPENDIX No. I(A)

Appendix showing progress of work of S. W. Drains (City Limits).

Serial No.	Particulars	Total No.	150 mm.	250 mm.	300 mm.	350 mm.	400 mm.	450 mm.	600 mm.	700 mm.	800 mm.
(1)	Total length of S. W. Drains of various sizes in RM	1100	20	90	450	60	70	...	200	210	...
(2)	Total No. of manholes provided on S. W. Drains	30	...	...	...	...	...	...	...	...	...
(3)	Total No. of vent shafts provided on S. W. Drains	1	...	...	...	...	...	...	...	...	...
(4)	Total No. of water entrances provided on S. W. Drains	10	...	...	...	...	...	...	...	...	...
(5)	Cost incurred on S. W. Drains	Rs. 58,10,000.									

APPENDIX No. 2

Statement showing Drainage Construction Works completed in Zone I during the year 1974-75.

Serial No.	Name of the work	Estimated cost	Expenditure
		Rs.	Rs.
(1)	Providing gunite treatment to the outfall of Dr. Annie Besant Road Pumping Station including other allied works at Worli	10,30,997.00	9,61,920.00
(2)	Improvement of Common house gullies in 'C' Ward	5,67,297.00	5,50,000.00
(3)	Improvement of common house gullies in 'D' Ward	9,91,633.00	7,61,620.00
(4)	Improvement of Common house gullies in 'E' Ward	6,51,500.00	4,90,000.00
(5)	Desilting of main sewers along M. A. Road	37,342.00	..
(6)	Supplying and fixing the prestressed gully grating with or without runners in lieu of existing water entrance grating in A, B, C, D Ward	5,30,655.99	4,35,800.00
(7)	Supplying and fixing the prestressed gully grating with or without runners in lieu of existing water entrance grating in E, F and G Ward	5,32,942.50	4,85,000.00
(8)	Construction of additional manholes in E, F and G Wards	1,29,200.00	1,18,000.00
(9)	Construction of additional manholes in D and E Ward	11,84,421.97	11,95,500.00
(10)	Construction of sewer for Tejukaya compound	41,789.00	20,400.00
(11)	Construction of s. w. drains at Asphalt plant compound	99,055.33	1,00,000.00
(12)	Construction of 300 mm. dia. S. W. drain at Muzavar Pakhadi Road	48,000.00	24,030.00
(13)	Proposed 700 mm. dia. S. W. Drain along proposed 60' road at Dharavi	1,67,019.00	83,230.00
	Total	60,11,961.84	52,37,740.00

APPENDIX No. (2A)

Statement showing Drainage Construction Works completed in Zone II (H & K) during the year 1974-75.

Serial No.	Name of the work	Actual Expenditure	Remarks
		Rs.	
(1)	Providing and laying 230, 300 mm. dia. S. W. Drain and 400-500 mm. dia. R. C. pipe sewer in T. P. S. VI Santacruz (West) Area A ..	2,19,042.00	
(2)	Providing and laying 230 mm. dia. sewer in T. P. S. VI, Santacruz (West) Area B ..	2,71,996.00	
(3)	Providing and laying 1050 dia. C. I. rising main from proposed Kherwadi Pumping Station to culvert near Railway bridge at Western Express Highway, Bandra (East) ..	15,78,357.00	
(4)	Providing and laying S. W. pipe sewer 350 and 450 mm. 500 mm. R. C. pipe sewer (NP-2) in Area 'B' Versova, Andheri (West) ..	5,16,340.00	
(5)	Providing and laying sewers in Area bounded by J. P. Road on the north of the 100' D. P. Road on the east the Juhu Lane on the south and the sea in the west at Versova Area of Andheri (West) ..	2,16,173.00	
	Total ..	28,01,908.00	

APPENDIX No. (2B)

Statement showing Drainage Construction Works completed in Zone II (PR) during the year 1974-75.

Serial No.	Name of the work	Actual Expenditure	Remarks
		Rs.	
(1)	Providing and laying sewer in Area 17-18 Goregaon (West) ..	3,19,198	
(2)	Providing and laying pipe sewer in Area 21-22 Goregaon (West) ..	4,86,364	
(3)	Providing and laying S. W. pipe sewer in Area 31-32 Goregaon (West) ..	5,30,168	
(4)	Providing and laying R. C. pipe sewer in Area 11 Goregaon (West) ..	9,23,153	
(5)	Providing and laying S. W. pipe sewer in Area 13-14 Goregaon (West) ..	3,51,668	
(6)	Providing and laying R. C. pipe sewer in Area 12A Goregaon (West) ..	5,05,935	
(7)	Providing and laying S. W. pipe sewer in Area 23,23A, 24, 25 and 30 Goregaon (West) ..	6,62,131	
(8)	Providing and laying R. C. pipe sewer Part III, Goregaon (West) ..	6,84,938	
(9)	Providing and laying R. C. pipe sewer in Area 12B Goregaon (West) ..	5,76,843	
(10)	Providing and laying R. C. pipe sewer Part I, Goregaon (West) ..	3,29,794	
(11)	Providing and laying S. W. pipe sewer in Area 'M' Malad (West) ..	4,20,367	
(12)	Providing and laying sewer in Area 'K' Malad ..	2,18,169	
(13)	Providing and laying S. W. pipe sewer in Area 'L' Malad (West) ..	4,92,514	
(14)	Providing and laying S. W. pipe sewer and R. C. Pipe sewer in area 'D', Kandivli (West) ..	3,91,608	
(15)	Providing and laying S. W. pipe sewer in Area 'A' Kandivli (West) ..	8,27,970	
(16)	Providing and laying S. W. pipe sewer at Powell's land at remaining lines, Kandivli (West) ..	2,16,898	
	Total ..	79,37,698	

APPENDIX No. 3

Statement showing Drainage Construction works in progress in Zone I during the year 1974-75.

Serial No.	Name of the work	Estimated Cost	Expenditure 31-3-1975
		Rs.	Rs.
(1)	Proposed 600 mm. x 600 mm. dhapa drain and 450 mm. dia. pipe drain at Modi compound off Tank Bunder Road, S. W. drain ..	74,602.60	11,320.00
(2)	Laying 500 mm. (21") dia pipe sewer (Part A) and 2030 mm x 1525 mm. (7'-0" x 5'-0") S. W. drain (Part B) in part CH portion at Salt Pan Land, Wadala ..	5,84,308.00	3,21,140.00
(3)	Proposed 11.57 x 3.35 M. open drainage channel from Matunga Labour Camp to Dharavi ..	44,51,169.00	28,65,901.00
(4)	Construction of culvert across 18.29 M. wide Dharavi Road and 13.40 M. Jasmine Mill Road, Dharavi ..	8,55,990.00	7,29,733.00
(5)	Proposed 700 mm. dia. S. W. drain along proposed 18-29 M. (6'-0") Road at Dharavi ..	1,67,019.00	
(6)	Proposed 800 mm. dia. pipe sewer from Prince Dock Ejector to the proposed pumping station at Church Street, Part II, ..	18,00,000.00	6,61,902.00
(7)	Repairs to the Collapsed portion of treble barrelled storm water drain at Tulsiwadi, Tardeo ..	21,00,000.00	10,43,000.00
(8)	Extension of effluent drain at Dharavi ..	9,96,559.36	4,75,000.00
(9)	Construction of additional manholes in A, B and C Wards ..	8,46,931.13	6,80,000.00
(10)	Construction of common pumping house station in lieu of Church Street Ejector and Princes Dock Ejector (Civil, Mechanical and Electrical works) at Dockyard Road ..	20,08,615.00	7,78,000.00
(11)	Proposed 800 mm dia pipe sewer from Princess Dock Ejector to the proposed Pumping Station at Church Street, Part III ..	1,87,526.25	5,70,000.00
(12)	Laying 600 mm. dia. C. I. main from Mahim Pumping Station to Ranade Road, Part I ..	1,87,113.55	1,65,000.00
(13)	Do. Do. Ranade Road to Dadar Purification works, Part II ..	1,84,983.31	1,30,000.00
(14)	Providing and laying 300 mm. to 400 mm. dia. pipe sewer in Back bay reclamation scheme, Block V ..	4,39,507.00	20,000.00
(15)	Repairs to Collapsed drain in E, F and G Ward ..	2,24,753.40	4,00,000.00
(16)	Providing and laying 300 mm. dia. sewer drain along Nadkarni Marg and Bankal ..	2,80,351.12	60,000.00
(17)	Providing and laying 300 mm. dia. S. W. drains along Shankar Naram path ..	2,40,040.05	30,000.00
	Total ..	1,56,29,509.07	89,40,996.00

APPENDIX No. 3A

Statement showing Drainage Construction Works in Progress in Zone (HK) during the year 1974-75.

Serial No.	Name of the work	Estimated cost	Expenditure booked upto 31-3-1975
		Rs.	Rs.
(1)	Providing and laying 600 mm. R. C. Pipe sewers and 230 mm. S. W. pipe sewer in Area 'A', Versova, Andheri (West) ..	8,15,569.00	5,82,731.00
(2)	Providing and laying sewer in area bounded by J. P. Road on the North, the 100' D. P. Road on the east, the Juhu Lane on the south and the sea in the West at Versova Area, A2, Andheri (West) ..	3,14,448.00	1,24,105.00

Serial No.	Name of the work	Estimated cost.	Expenditure incurred upto 31-3-1975.
		Rs.	Rs.
(3)	Providing and laying 230-300 mm. dia. S. W. pipe sewer along roads in Koldongri Area A, Andheri (East) ..	8,84,591.00	1,35,544.00
(4)	Providing and laying 230 mm. dia. S. W. pipe sewer in the remaining pockets of the sewerred areas of Andheri (East)	2,88,557.00	2,21,215.00
(5)	Providing and laying 900 mm. dia. (NP-3) pipe sewer along D. P. Road in Gandhi Nagar, Bandra (East), Section B.C.	4,25,711.64	2,14,000.00
(6)	Providing and laying 900 mm. dia. (NP-3) pipe sewer along Service Road on North of Kherwadi Pumping Station, Bandra (East) A.B. ..	4,12,385.68	3,50,000.00
(7)	Providing and laying 230 mm. dia. S. W. pipe and 700 mm. dia. R. C. pipe sewer in area D-1, Vakola, Kalina, Santacruz (East) ..	11,82,442.30	1,50,000.00
(8)	Providing and laying 230-300 mm. dia. S. W. pipe sewer and 600 mm. dia. R. C. pipe sewer in area D-2 at Kalina, Santacruz ..	13,29,031.29	80,000.00
(9)	Providing and laying 230 mm. dia. S. W. pipe sewer in the Collector's layout at Bandra (West), Danda ..	1,75,764.53	65,000.00
	Total ..	58,28,610.39	19,22,596.00

APPENDIX No. (3-B)

Statement showing the Drainage Construction works in progress in Zone II (P & R) during the year 1974-75.

Serial No.	Name of the work	Estimated Cost	Expenditure incurred upto 31-3-1975
		Rs.	Rs.
(1)	Providing and laying S. W. pipe sewer in Area 12A Goregaon (West) ..	3,35,664	5,05,935
(2)	Providing and laying S. W. pipe sewer in Area 1-9 Goregaon (West) ..	6,11,945	6,49,934
(3)	Providing and laying S. W. pipe sewer in Area 23, 23A, 24 to 30, Goregaon (West) ..	7,11,659	6,62,131
(4)	Providing and laying S. W. pipe sewer in Area 33, 35, 36, 37, Goregaon (West) ..	4,53,619	5,38,557
(5)	Providing and laying S. W. pipe sewer in Area 26 and 27, Goregaon (West) ..	7,01,511	3,33,928
(6)	Providing and laying S. W. pipe sewer in Area 6, 7, 8, Goregaon (West) ..	8,09,740	2,99,108
(7)	Providing and laying S. W. pipe sewer in area 10 to 15, Goregaon (West) ..	5,06,237	2,45,794
(8)	Providing and laying S. W. pipe sewer in Area 29, Goregaon (West) ..	8,78,515	2,20,547
(9)	Construction of pumping station at Goregaon (West) including Civil, Mech. and Elect. Works ..	21,49,572	17,56,939
(10)	P/L 230-300 mm. dia. S. W. Pipe sewer in Bhadran Nagar, etc., Malad (West) ..	8,81,099	1,37,923
(11)	Providing and laying 230-300 mm. dia. S. W. Pipe sewer in Area K, Kandivli (East) ..	5,93,720	Nil.
(12)	P/L 230 mm. dia. sewer in Area 'K2', Kandivli (East) ..	11,27,389	37,500
(13)	P/L 230 mm. dia. S. W. Pipe sewer in Area 'K3' Kandivli (East) ..	5,57,679	52,000
(14)	Providing and laying 230 mm. dia. S. W. Pipe sewer in Area 'A', Goregaon (East) ..	6,32,954	..
(15)	Providing and laying 230 mm. dia. S. W. Pipe sewer in Area 'D', Goregaon (East) ..	7,61,469	67,024
(16)	Providing and laying 230-300 mm. dia. S. W. Pipe sewer Area 'B' Goregaon (East) ..	7,87,455	1,58,000
(17)	Providing and laying 11 sewers Nadiadwala Colony, Malad ..	4,92,785	4,81,472
	Total ..	1,29,89,972	61,55,842

APPENDIX No. (3-C)

Statement showing Drainage Construction Works in progress in Zone III, during the year 1974-75.

Serial No.	Name of the work	Estimated Cost	Expenditure incurred upto 31-3-1975
		Rs.	Rs.
(1)	Providing and laying sewere along R. P. Road, M. G. Road at Mulund (West) ..	4,72,305	4,56,884.51
(2)	Providing and laying sewers along D. P. Road in S. No. 14 at Chembur Part I ..	2,75,487	1,91,321.27
(3)	Providing and laying sewers along D. P. Road in S. No. 19 at Chembur, Part II ..	1,36,504	94,169.43
(4)	Providing and laying sewers along Rifle Range Road at Ghatkopar (West) ..	3,51,467	3,41,155.05
(5)	Providing and laying sewers in Village Ward Area at Kurla (West) ..	1,67,995	1,40,064.51
(6)	Providing and laying sewers in Naopada Village Area at Kurla (West) ..	2,74,782	1,99,967.78
(7)	Providing and laying sewers in Ghatla Village Area, Chembur ..	2,99,170	1,70,443.69
(8)	Providing and laying sewers along New Hall Road at Kurla (West) ..	1,74,575	71,348.01
(9)	Providing and laying sewers along Municipal Road in Pestam Sagar Area, Chembur, Part I ..	3,68,945	89,497.96
(10)	Providing and laying sewers along Municipal Road in Pestam Sagar Area, Chembur, Part II ..	2,04,094	..
(11)	Providing and laying sewers in Wadhawli Village at Chembur ...	1,87,966	53,487.75
12	Construction of additional manholes in Tilak Nagar Maharashtra Housing Board Colony at Chembur ..	2,02,695	..
13	Providing and laying sewers along Dr. R. P. Road, N. S. Road and M. G. Road at Mulund (West) ..	3,82,107	3,51,860.88
14	Providing and laying sewers in Nityanand Nagar at Ghatkopar ..	74,094	18,958.52
15	Providing and laying sewers laong Jeevdaya Lane at Ghatkopar (West) ..	1,32,520	83,761.30
16	Providing and laying sewers along Dumping Road and Sarojini Naidu Road at Mulund (West) Part II ..	13,31,922	..
17	Providing and laying sewers Navghar Road at 96' D. P. Road at Mulund (East) ..	4,84,358	..
18	Providing and laying sewers along Jattashankar Road and Sarojini Naidu Road at Mulund (East). Part I. ..	10,22,289	..
19	Providing and laying sewers in Nahur Industrial Area, Mulund, Part I. ..	19,06,003	..
20	Providing and laying sewers in Nahur Industrial Area, Mulund, Part II. ..	17,14,155	..
21	Providing and laying sewers in Area 'D' at Mulund ..	5,57,740	..
22	Construction of Pumping Station at Mulund (East) ..	15,41,676	7,53,201.28
23	Desilting of main sewers and Branch sewers in L, M & N Wards ..	5,76,225	..
	Total ..	1,28,39,074	30,16,121.94

APPENDIX No. (4).

Appendix showing the details of cleaning main sewers, through contract.

Month	Length of main sewer cleared in R. Metres	Silt removed in Cubic Metres.
1	2	3
November 74	1500	1300
December 74	1500	1500
January 75	1100	315
February 75	6700	605
March 75	7500	320
Cleaning of Stors Water Drain.		
November 74	1000	3000
December 74	1000	3000
January 75	1000	3000

APPENDIX No. 4A

Statement showing details of the work of cleansing of main sewers during the year (1974-75) by Municipal Staff.

Name of the month and year.	Scraper	Silt
	Length of cleaned main and pipe sewer in R. Meter.	Silt removed in Cubic Meter.
April 1974	523.03	6424.88
May 1974	276.45	2975.00
October 1974	167.64	3110.50
November 1974	652.27	6087.91
December 1974	959.81	6181.36
January 1975	586.13	5820.33
February 1975	720.54	4857.59
March 1975	531.87	5905.28
Total	4,417.74	41,362.85

APPENDIX No. 5.

Statement showing the performance of Colaba Purification plant during 1974-75.

Month	Total Sewage pumped in M. L.	Sewage treated in M. L.	Screening removed in cubic metre at plant.	Silt removed in cubic Metre.	K. W. H.		Gas Generated in cubic Metre. Acre.	Sludge to Digestion tank in litres.	Digested sludge removed in Litres.	Remarks
					Plant	Pumping Station.				
1	2	3	4	5	6	7	8	9	10	11
March 1974 ...	281.02	42.12	1.25	2.50	7880	24500	7387	360000	...	15" Rising main burst.
April 1974 ...	262.38	...	...	...	2920	22550	7614	720000	...	
May 1974 ...	289.12	123.23	2.08	5.09	12210	24350	7887	3022000	...	
June 1974 ...	348.09	167.04	1.40	3.80	17420	30870	7614	4860000	...	
July 1974 ...	553.36	164.07	1.40	3.80	12640	52400	7887	5022000	...	
August 1974 ...	443.57	102.25	1.20	3.40	7800	42300	7387	5022000	...	15" rising main burst
Sept. 1974 ...	436.86	181.57	1.80	4.20	21620	37740	7614	5430000	...	
Oct. 1974 ...	401.85	173.06	1.80	4.20	25470	37420	7887	5022000	...	
Nov. 1974 ...	319.77	19.35	0.90	1.00	4800	31270	...	...	...	Plant stopped for Aoxxy painting and overhauling work.
Dec. 1974 ...	396.94	...	...	...	5640	34200	...	...	...
Jan. 1975 ...	315.73	...	...	...	4120	29610	...	...	...
Feb. 1975 ...	346.75	...	...	...	650	30340	...	...	...
Total ...	4365.22	977.69	11.70	27.99	122570	377250	62277	24568000	...	
Average	363.77	81.47	0.97	2.33	10214	33104	5189	204733	...	

APPENDIX No. 6.

Statement showing the performance of Sewage Pumping Stations in City in charge of E. E. Mechanical (N and P), during the year 1974-75.

Name of Pumping Station	Instal- led capacity in litre/ Sec.	Average of mini- mum level during year Meter	Average level during year meters	Total sewage pumped during the year M. L.s	Average sewage pumped per day M.Ls.	Electrical energy consumed during the year KWH.	Cost of Electrical energy consumed during the year Rs.	Cost of operating staff during the year Rs.	Cost of repairs & Maint. during the year Rs.	Cost of overhead charges. Rs.	Total cost of operating, maintain- ing the stn during the year Rs.	Cost per million liters of sewage pump Rs.
Dadar Purifi- cation works	386.8	-0.58	2.8	9674	26.5	341460	57795	24580	23086	8280	1,13,741	11.75
Dharavi Purification Plant	2353.5	4.036	6.52	38975	106.78	277292.5	55458	24700	64348	12730	1,57,236	4,034

APPENDIX No. 7.

Statement showing the Gas utilisation from Dadar Purification Works during the year 1974-75.

Serial No.	Type of consumption	Gas consump- tion in Cu. M.	Rate/Cu. M. in Rs.	Cost of gas.	Meter Rental in Rs.
A.	Municipal Hospital Staff.	974494	.15	1,46,174.10	3,105.15
B.	Other domestic	151613	.19	28,806.47	4,465.60
C.	Commercial	288940	.22	65,011.50	1,000.10
	Total ..	1415047	..	2,39,992.07	8,570.85
	Total ..			2,48,562.92	

APPENDIX No. 8.

Statement of the Analytical Data at Dadar Purification works for the year 1974-75.

1	Sewage treated	..	..	..	..	20466 x 10 ⁶ Litres.
2	Grit removed	..	..	..	..	2601 Cu. Metres.
3	Screening removed	..	..	..	..	444 Cu. Metres.
4	Sludge to digestion tank	..	..	..	..	189.865 x 10 ⁶ Litres.
5	Dry matter added to Dig. Tank	..	..	..	..	8011370 Kgs.
6	Volatile matter added to dig. Tank	..	..	..	..	5201413 Kgs.
7	Digested sludge removed	..	..	..	..	Nil
8	Total Gas Generated	..	..	..	..	148.75 x 10 ⁶ Cu. M.
9	Gas/litres of sludge added	..	..	..	..	.008 Cu. M.
10	Gas/Kg. of dry matter added	..	..	..	..	0.061 Cu. M.
11	Gas/Kg. of Volatile matter added	..	..	..	..	0.23 Cu. M.
12	Gas/10,00,000 Lit. of Sewage treated	..	..	..	..	74.35 M ³ /M. L.
13	Total Electric consumption for plant and pumping	..	..	..	..	14,23,960 Units
14	For Pumping Station	..	..	..	..	34,1460 Units.
15	Electric consumption (excluding pumping station)	..	..	..	..	1082500 Units.
16	M. G. D. of Sewage Treated	..	..	..	..	13.6
17	Total expenditure including pumping station and (gas service etc.)	..	..	..	..	Rs. 9,41,559.07
	(a) Cost of electric energy consumed	..	..	..	..	Rs. 2,61,796.07
	(b) Salaries and Wages	..	..	..	..	Rs. 4,00,673.00
	(c) Material supplied (including laboratory).	..	..	..	..	Rs. 1,46,986.00
	(a) Work carried out through external agencies	..	..	..	..	Rs. 1,28,500.00
	(e) Miscellaneous Expenditure	..	..	..	..	Rs. 3,604.00

APPENDIX No. 9.

Analytical data and average in respect of the Laboratory at Dadar Purification Works for the Year 1974-75.

	Old Plant.	Extn. Plant.	Act. Sludge.	Filter I.	Filter II	Filter III
1 Absorption 4 hrs. in ppm	106.0	65.0	14.9	29.2	..	..
2 Suspended solid in ppm ..	328.0	154.0	10.0	35.0	..	..
3 Dissolved oxygen in ppm ..	..	..	4.4	Nil	..	..
4 B. O. D. at 20 c in 5 days in ppm ..	361.4	204.0	7.0	80.0	..	..

APPENDIX No. 10.

Analytical data in respect of Dharavi Purification Plan during the year 1974-75.

1 Total Sewage flow pumped ..	..	..	..	..	38975.446 Million Litres.
2 Grit removed ..	..	..	..	..	539.25 Cu. M.
3 Screenings Removed ..	..	..	..	..	574.23 Cu. M.
4 Sludge to Digestion Tank ..	..	..	..	..	66949575 Litres.
5 Digested sludge on bed ..	..	..	..	..	Nil.
6 Digested sludge to S. W. D. ....	..	..	..	..	1068000 Litres.
7 Total electrical energy consumption ..	..	..	..	..	1099040 KWH.
8 Total digested sludge removed ..	..	..	..	..	1068000 Lit.
9 Cost of electrical energy ..	..	..	..	..	Rs. 2,19,240.92
10 Gas used as gaseous fuel ..	..	..	..	..	183376 Cu. M.
11 Revenue obtained from sale of sludge gas ..	..	..	..	..	Rs. 32,354.99
12 Sludge manure sold during the year ..	..	..	..	..	Nil.
13 Revenue realised from sale of manure ..	..	..	..	..	Nil.
14 Total revenue realised (11 : 13) ..	..	..	..	..	Rs. 32,354.99

APPENDIX No. 11.

Statement of working of Pumping & Compressor Stations in the charge of Executive Engineer Mechanical (South) from 1-3-74 to 28-2-1975.

Serial No.	Name of the Pumping & Compressor Station.	Installed capacity in LPM or Cu. Meter Min.	Total quantity of sewage pumped in million litres or air compressed in Cu. M. year during	Average quantity of sewage pumped in litres or air compressed in Cu. Mt. per day.	Electric consumption during the year in K. WH.	Cost of the electric energy consumed during the year in Rs.	Remarks
1	2	3	4	5	6	7	8
1	Matunga	75040	19723.589	54,112	1020700	1,93,909.70	
2	Wadala	53630	6723.743	18,342	428840	1,37,391.62	
3	Mahim	44620	13958.111	38,264	482400	1,09,019.89	
4	Tulsi-Pipe	48920	5849.726	16,022	260810	65,038.50	
5	Chinchipokli	39480	1288.976	3,519	73950	19,155.77	
6	N.pear Sea Road	27900	2457.698	6,728	135598	33,447.97	
7	Salt Pan	54600	1636.798	4,593	104091	27,073.19	
8	Globe Mill Passage	63200	9132.084	25,016	288430	71,246.22	
9	Sanf Gadge Maharaj Chowk	76200	15014.677	40,899	341920	47,713.61	
10	Harvey Road	12540	1580.988	4,332	88590	17,794.87	
11	Sion	6810	899.999	2,223	114573	30,464.18	
12	Dunons Causeway	15180	562.728	1,535	40290	10,654.36	
13	Tank Bunder	4540	341.214	0,933	43280	11447.40	
14	Victoria Circle	102	1613910.8 Cu.M.	4415.0 Cu.M.	607600	96827.58	
15	Carrel Road	24	8374.0 Cu.M.	257.2 Cu.M.	123119	46679.87	

APPENDIX 12.

Statement showing the performance of Pumping Stations in Suburbs and Extended Suburbs for the year 1974-75.

Serial No.	Chhatkopar Pumping Station	Kurla Pumping Station	Deonar Pumping Station	Vikhroli Pumping Station	Versova Pumping Station	Khar Pumping Station	Kher wadi Pumping Station	Bunder wadi Pumping Station	Jay Bharat Pumping Station	Chimbai Pumping Station	Malad Pumping Station	
1	Installed capacity in Lit./Sec. 871 up to December 1974 1170 from Jan. 1975.	442	424	78	1248	832	2085	351	305	78	2692	
2	Average of Minimum level during the year in metres ...	1.9	1.0	0.5	0.6	4.6	2.6	0.95	1.55	1.09	0.91	2.6
3	Average of average level during the year in metres ...	3.5	2.2	2.7	1.8	5.7	4.21	2.89	2.71	2.91	2.66	4.0
4	Total sewage quantity pumped out during the year in million litres ...	20063	4571	1199	92.6	35587.45	8973	11270	4660	1843	558	8573.47
5	Average sewage quantity pumped per day in million litres ...	54.96	12.52	8.28	0.254	71.2	24.55	30.87	12.76	5.0	1.52	23.81
6	Electrical energy consumption during the year in KWH. ...	1213270	261774	102080	6363	9729	527686	42540	297379	126909	23253	7164
7	Cost of electrical energy consumed during the year in Rs. ...	227301	59388	39087	1903	167883.59	105992	105022	65999	93100	6097	59749.64
8	Cost of operative staff during the year in Rs. ...	31113	46669	54447	2334	131830.02	46176	64992	45888	45888	45888	69021.78
9	Cost of repairs and maintenance during the year in Rs. ...	25721	14609	4939	4309	137455.26	12362	13774	12817	10257	9382	16375.00
10	Cost of overhead charges during the year in Rs. ...	11935	3863	2648	2648	30122.57	19700	15683	15476	15353	15458	4000.00
11	Total cost during the year 7, 8, 9, 10 in Rs. ...	235370	124529	101121	32194	467291.44	184230	199471	140180	104598	76825	149146.42
12	Cost per million litres of sewage pumped out in Rs. ...	14.76	27.24	84.34	347.44	1.82	20.6	17.69	30.08	56.7	157.83	17.3

APPENDIX No. 14.

Design and construction of Mechanical and Electrical Works, for drainage Installations (Pumping Stations and Purification Works) in City, Suburbs and Extended Suburbs.

Serial No.	Name of the work.	Cost of Mech. & Electrical Works in Rs.	Remarks
1	2	3	4
A.—CITY.			
1	Construction of Sewage Pumping Station and allied Mechanical and Electrical Works at Dockyard Road.	6,10,600.00	The work is in progress. Mechanical and Electrical equipments costing Rs. 4,13,580 are received at Dadar Purification Works and site.
2	Repairs to old C. F. S. Tank at Dadar Sewage Purification Works.	51,350.00	The specifications and estimates are revised. The tenders are being invited.
3	Replacement of 2 Old pumps by higher capacity pumps at Afghan Church Pumping Station.	...	The estimates, specifications etc. are being prepared.
4	Construction of Pumping Station and allied Mechanical and Electrical Works, at Robert Road Sewage Pumping Station.	4,02,500.00	Tenders scrutiny is over and recommendations are made to M. C./S. C.
5	Supply and installation of stand by pump at Matunga Sewage Pumping Station.	2,84,000.00	...
6	Replacement of the filter arms of two hydraulic sprinklers No. 1 and No. 2 at Dharavi Purification Plant.	1,93,000.00	The specifications and estimates are prepared. The tenders are being invited.
7	Providing an additional centrifugal sludge pump in new sludge pump house at Dharavi Purification Plant.	23,236.00	The work is expected to be completed by 15th April 1975. The work is being carried out departmentally.
8	Replacement of steel floating roof of sludge digestion tank No. 1 including Mechanical and Electrical Works at Dadar Sewage Purification Works.	2,28,000.00 (Approximately).	The specifications are prepared. The estimate is being prepared.
9	Renovation of flood gates at Cleveland Bunder.	10,00,000.00	Layout plans and block estimates are prepared for first approval.
10	Replacement of ejector at Carrol Road by Pumps.	...	Layout sketches showing different arrangements for pumping station prepared. The selection of one of the same is being done.
11	Construction of proposed Sewage Pumping Station at Sion Hospital.	1,12,500.00	The specifications and estimates are prepared. The tenders are being invited.
B.—SUBURBS AND EXTENDED SUBURBS.			
1	Construction of Sewage Pumping Station with allied Mechanical and Electrical Works at Mulund (East).	3,64,500.00	Mechanical and Electrical Work is not started as yet. Civil work is in progress only.
2	Replacement of 1.25 m. g. d. pump set by 8 m. g. d. capacity pumping set at Ghatkopar Pumping Station.	1,74,000.00	The work was started on 7-1-1974, and is completed on 3-1-1975. Minor rectifications are to be carried out.
3	Construction of Sewage Pumping Station with allied mechanical and electrical works at Goregaon (West).	7,43,230.00	The work of laying pipe lines and installation of pumps is in progress. Mechanical and Electrical Equipment costing Rs. 5,33,700 is received and stored at Versova Purification Plant.
4	Construction of Sub-Station including electrical equipment H. T. L. T. Switchgears transformers etc. at Versova Sewage Purification Works.	3,30,000.00	The specifications and estimates are prepared. Tenders are being invited.
5	Construction of Sewage Pumping Station with allied mechanical and electrical works at Brahmaiwadi, Kurla (West).	3,37,750.00	Order is given to Messrs. Tech. Asstt. for the work.
6	Installation of H. T. L. T. switchgears, transformers and allied works in the Sub-Station at Mulund Sewage Purification Plant.	3,38,000.00	Draft tender is prepared for approval.
7	Construction of Sewage Purification Plant at Mulund (East).	...	Specifications and estimates are being prepared.
8	Construction of additional pumping Station at Versova Purification Plant.	92,525.00	Specifications and estimates prepared. Tenders are being invited.
9	Providing an independent suction line to horizontal Sewage pump No. A at Bunderwadi Sewage Pumping Station.	8,400.00	The work is being carried out departmentally. The material pipings specials etc. is procured.
10	Fabrications and installing modern play operata in various gardens in Suburbs and Extended Subs.	99,000.00	Tenders are received and are under scrutiny.
11	Purchasing and installing a 36' Sluice Valve on the overflow pipe at Irla Mulla.	50,000.00	A sluice valve is brought at site and is being installed.
12	Purchase of a portable blower unit, Diesel Engine Drive, mounted on a trolley.	25,000.00	Specifications and estimate are prepared. Tenders are being invited.

Water Supply and Sewerage Department

Common Services Division

All the 4 Engineering divisions. (Water Operations, Water Projects, Sewerage Operations and Sewerage Projects) involve activities like planning and designing Electrical and Mechanical installations, purchase of Stores, as well as operations and Inventory Control of Stores, land acquisition, foundation investigations, architectural services, scientific services like laboratories, long range planning (planning future water supply and sewerage augmentation schemes, operation techniques, etc. in outline), monitoring the Project programmes and implementation of the same on a systematic basis and transport and central workshop facilities. It was considered more economical to provide these services to these 4 major engineering units by creating independent organisations which will attend to the specialised jobs and cater services to them, and accordingly two Chief Engineers' Divisions—one for Common Services (Commercial) and one for Common Services (Technical) were created by the Corporation. This was also approved by the International Development Association. These departments were being gradually established.

During the year under report, the Common Services divisions made some further progress in building up the Organisation.

I—Stores/Purchase Section.—Although in the final set up there will be two independent divisions, viz. (i) Stores Purchase and (ii) Stores (inventory control), to start with a combined division is created. An independent material management Section was created to serve the various units of the W. S. & S. D.

During the year, 4 tenders, amounting to about Rs. 464 lakhs were invited by following International Competitive Bidding. The Procedure covered items like mild steel round bars, M. S. channels, M. S. Plates, Cast Iron Pipes and Specials. Local tenders were also invited for Stoneware pipes, R. C. C. pipes and Sluice valves. Since the Organisation for making local purchase was not established, only a few local purchases were made during the year and most of the items required for routine maintenance and repairs of water supply and sewerage services were drawn from the Corporations Central Stores.

The Office of the Store/purchases division was established at 605, Bapurao Jagtap Marg, in the premises acquired by the Corporation. The plans and estimates for the works of developing stores, godowns, offices and ancillary structures at different locations were entrusted to the Planning and Design Department. The work of remodelling of existing godown in the said premises for converting the same into a godown for a main store was in progress.

The Stores Accounting Section as designed by the Tata Consultancy Services was being gradually implemented.

II—Project Monitoring Section—In order to monitor the project of this type, the World Bank suggested the appointment of Consultants to guide the Municipal Engineering Staff of the Project in modern system of management and other techniques and establish a project monitoring System for the W. S. & S. D. Tata Consultancy Services have been engaged. The system covers development of procedures, reporting system, filling of formats, creating data cell, PERT/CPM technique and a concept of co-ordinator.

In order to have a liaison between the T. C. S. and B. M. C. a small section of Project Monitoring was created with one Executive Engineer and one Sub-Engineer. T. C. S. finalised over 30 procedures out of 77 procedure during the period under report.

PERT/CPM training classes were also conducted for all the officers of the rank of Asstt. Engineers and above.

III.—Acquisition of Land for Water Supply Scheme.—Correspondence with different Government Authorities for the grant of Government and forest lands in City, Suburban District and Thana District for Water Supply Scheme were in progress.

Part awards were made by Special Land Acquisition Officer in respect of lands in villages Lonad, Sonale in Tahsil Bhiwandi and Village Wadhavali in Tahsil Kalyan of Thana District.

The Special Land Acquisition Officer, Thana, had declared awards in respect of lands in villages Vasundri and Yewai in Thana District.

Two more proposals for acquisition of lands required for ancillary work, approach road out of Development Plan Road to Malad Hill Reservoir were forwarded to the Additional Collector, Bombay Suburban District and four more proposals for acquisition of lands in connection with submerged portion construction of Bund, Pretreatment plant etc. in Villages Vasundri, Lonad and Yewai of Thana District were sent to Government (Additional Collector, Thana).

Negotiations to purchase Panjarpole land admeasuring 46 Acres out of Yewai (Thana District) for pretreatment plant were initiated during the year.

Similarly correspondence to grant Government land admeasuring 150.42 Hectares out of Vehar Catchment area for Bhandup Complex was carried out during the year.

IV-Transport Branch (Project).

The Transport Branch (Project) is entrusted with the work of maintenance and operations of vehicles for different Divisions of Water Supply and Sewerage Department. There were 129 vehicles in the fleet by the end of the year under report. These vehicles were used by various divisions of Water Supply and Sewerage Departments.

There were four garages viz. Babula Tank Garage, Powai Garage, Ghatkopar Garage and Agra Road Garage.

During the year, New Garage at Babula Tank (Drainage Workshop Compound) was set up. This garage attended to repairs and maintenance of about 60 vehicles which are used for Fire Services, Ward Jeeps, Emergency vehicles etc.

During the year 6 staff Buses, 3 Ambassador cars, 3 Dumpers (silt vehicles) 1 Emergency van, 3 water tankers and 52 chassis were purchased. The work of Body Building on these chassis has been awarded.

V-Electrical and Mechanical Branch (Projects).

This branch is entrusted with the following works :—

- (1) Remodelling of existing service workshops.
- (2) Planning & Design of Central Work Shop.
- (3) Purchase of various types of valves required for different projects such as Butterfly valves, sluice valves, Control valves, Air valves, Flap valves etc.

Tentative layouts for remodelling works at Byculla and Ghatkopar workshops were prepared and forwarded to Planning and Design Section for further action.

In spite of vigorous efforts the land for Central Workshop could not be obtained and efforts in that direction are continuing. In the absence of definite indication about the availability of land no progress could be made on planning and design of the workshop.

During the year under review, specifications for control and Guard valves were finalised, and tenders by International Competitive Bidding were invited by the Consultants Messrs. Binnie and Partners (India) Ltd. After evaluation by the Consultants an order of total value of Rs. 80,31,033 was placed on Messrs. Protos Engineering Pvt. Ltd. for the supply of 6 control valves and 16 Guard Valves.

Tenders for 148 Nos. butterfly valves ranging in sizes from 600mm. to 2,600mm. were invited by the Consultants Messrs. Binnie and Partners. The value of these valves excluding customs duty etc. was about Rs. 3 Crores. The tenders were evaluated by the Consultants.

Specifications for 244 Nos. sluice valves of sizes 450 mm. to 1200 mm. costing about 1 crore of rupees were finalised and tenders by International competitive Bidding were invited and were under scrutiny.

Specifications for sluice valves of sizes 150 mm. to 300 mm., Air valves of sizes 80 mm. to 200 mm., Flap Valves of various sizes and Air vents were finalised and local tenders were invited. The total value of these valves was approximately Rs. 25 lakhs. The tenders were under scrutiny.

B. R. GOLE,
Dy. P. E. (C. S).

Administration Report of the Executive Health Officer for the year 1974

SUMMARY OF THE ADMINISTRATION REPORT OF THE PUBLIC HEALTH DEPARTMENT FOR 1974

Total Expenditure :—

	Rs.
(i) Maternity and Child Welfare:	82,55,098
(ii) Pre-school and school health services:	11,16,474
(iii) Prevention and control of infectious diseases, maintenance of vital statistics, pest control, public health laboratory, food sanitation, T. B. Hospitals, Prevention of food Adulteration and control over certain other trades connected with public health and regulation of places for disposal of dead, etc.	3,95,45,278

Income : Issue of licences, certificates of birth/death registry and other-miscellaneous fees etc. 23,01,235

(A) Control on Food Adulteration at—

Samples under P. F. A. Act	10,201
Adulterated	643
Prosecutions	515
Fine amount	Rs. 1,50,200

(B) Grading of Eating Houses :—

No of Eating Houses	5,392
I Grade	116
II Grade	742
III Grade	4,518
Without grade	16

(C) Food Establishments licensed

22949

(D) Grading of bakeries :—

No of bakeries	374
I Grade	3
II Grade	14
III Grade	347
Without grade	10

Vital statistics :—

Births registered:		1,79,023
(i) Live-births		1,79,023
(ii) Still-births		5,665

Death registered including infant deaths	61,679
Infant deaths	13,123

Notifiable diseases reported	27,281
Plague, Cholera :—	No cases occurred

	Reported cases	Deaths
Enteric fever	648	73
Poliomyelitis	501	53
Infectious Hepatitis	1,880	235
Diphtheria	752	53
Tuberculosis	16,930	7,897
Leprosy, Virus Encephalitis:	..	133
Smallpox - 19 -	..	Imported 10 Local 9

Immunization :—

Anti-Typhoid	5,35,872
Anti-Cholera	6,49,140
B. C. G. to new-born	55,674

	First dose	Second dose	Third dose
Polio	1,07,385	99,141	72,868
Triple	73,368	47,567	35,910
Tetanus	3,80,434	1,30,484	41,813
Diphtheria	25,351	70,204	..

Venereal diseases cases treated	22,171
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Malaria.—Inspections were carried out to detect mosquito breeding places. Detected during inspection were destroyed by treating with larvicides. They included open wells, cisterns, mill tanks, storm water entrances and drains.

Anti-fly measures, fogging operations were carried out.

National Malaria Eradication Programme introduced in 1962-63 is now under the Consolidation Phase.

Filaria Control Programme on a small scale was continued.

Hygiene :—

Maternity and Child Welfare Services were rendered through 22 Municipal Maternity Homes, Maternity Ward at Municipal Hospitals and 37 Maternity and child welfare centres.

Deliveries conducted	..	72,400
Cases treated at the clinics	..	6,78,645

Kasturba Hospital for Infectious Diseases :—

Beds	..	680
Admissions	..	23,665

It continued to give efficient medical service to infectious diseases patients.

Municipal Eye Hospital, Kamathipura :—

Indoor patients :—		
New Cases	..	1,905
Total attendance	..	20,122
Out door patients :—		
New Cases	..	32,843
Total attendance	..	1,67,403

Family Welfare Planning :—

I. U. C. D. Insertions	..	4,641
Vasectomy operations	..	48,975
Tubectomy operations	..	12,338
Condoms distributed free	..	1,28,21,639

Free dispensaries 107 Dispensaries

Mobile free dispensaries 15 ..

New Cases	..	34,23,534
Total attendance	..	1,23,28,833

Vaccination Branch :—

Primary vaccinations	..	2,05,874
Re-vaccinations	..	47,70,830

As a result of implementation of Smallpox Eradication Programme there were only 9 local cases of Smallpox in Greater Bombay during the year.

Municipal Laboratory.—Received 50,733 samples for examination during 1974.

Total water samples	..	21,973
Samples found unfit for potable purposes	..	4001

School Health Works :—

Medical Inspection of Municipal Schools and Classes	..	865
Total No. of Schools and Classes	..	1,101
Students examined	..	1,33,533
Defective students	..	1,11,031

Mobile Health Unit :—

Medical Inspection of school children	..	199
Children medically screened	..	51,077
Immunization in schools	..	2,46,479
Immunization in field	..	1,37,781

Outstanding activities :—

3 new dispensaries opened.
2 New Municipal Maternity Homes opened.
(1 at Reay Road from 2-9-1974), (2 at Akurli Road from 28-10-1974).

3 New Dental Clinics opened :—

(1 at Motishaw Lane dispensary, Mazgaon, from 2-2-1974.
(2 at Nawab Tank Bridge, Dockyard Road from 17-3-1974.
(3 at Abhyudaya Nagar Dispensary, from 1-2-1974 (part-time).

Health propaganda and Education were carried out through the Public Relations Department

**ADMINISTRATION REPORT OF THE
EXECUTIVE HEALTH OFFICER
FOR THE YEAR 1974
(Calendar Year)**

Population.—The mid-year estimated population viz. 68,13,000 for Greater Bombay for 1974 has been taken as the basis for working out the rates of vital statistics.

Rainfall.—The total rain-fall in millimetres recorded at the Colaba Observatory was 2472.6 It was above normal by 373.4 mms. It rained on 84 days as against 120 in 1973 and 54 in 1972. The wettest month was July, with a rain-fall on 14.13 mms.

The total rainfall recorded at the Santacruz Observatory was 2145.6 mms. as against 1786.1 mms. in 1973. July was the wettest month with a rainfall 1065.3 mms.

Outstanding Activity of the year

New Municipal medical institutions opened from 1st January 1974 to 31st December 1974 were as follows :—

Date of opening.	Activity started and location.
1-2-1974	Part-time Dental Clinic at Abhyudaya Nagar Dispensary.
2-2-1974	Dental Clinic at B. I. T. Chawl compound Motisha Lane Dispensary, Mazgaon.
4-2-1974	New Municipal Dispensary at Plot No. 983, T. P. S. Mahim, Gokhale Road, South near Saitan Chowki.
24-4-1974	New Municipal Dispensary at Labour Camp, Chembur.
2-9-1974	Municipal Maternity Home, at Reay Road.
28-10-1974	Municipal Maternity Home at Akurli Road, Kandivli.
31-10-1974	New Municipal Dispensary at Kasai Wada, Kurla.

PUBLIC HEALTH ADMINISTRATION

I.—GENERAL SANITATION

(A) Food Sanitation.—Food sanitation comprises of control and supervision over the food premises, where articles of food are manufactured, stored and exposed for sale. This control is exercised by imposing a licence under the Bombay Municipal Corporation Act and the Maharashtra Prevention of Food Adulteration Rules, 1962. The food establishments are also controlled from the stand-point of prevention of adulteration of food under the provisions of the Prevention of Food Adulteration Act, 1954 and the rules thereunder. In order to improve the standard of food sanitation, eating houses and bakeries are classified as grade I, II and III, depending upon the compliance with the conditions of the licence and other measures taken to maintain cleanliness and sanitation in the various trade operations and in the trade premises. There is also a system of medical examination of food handlers (cooks and cook-mates) in eating houses so as to prevent the spread of various diseases through articles of food.

For checking of adulteration of food, there is a special staff of inspectors exclusively engaged on the work as provided in the Prevention of Food Adulteration Act, 1954, and the Rules thereunder. Check over adulteration of food is exercised by sampling of food, followed by prosecution in cases of adulterations. There is a special van for quicker surprise sampling and for exercising check over the work of other food inspectors.

(B) Grading of Eating Houses.—The scheme for grading of eating houses introduced from the year 1961 contemplates improvement of sanitary, etc., conditions obtainable in eating houses, by introducing the element of competition amongst the licensees. Grades I, II and III are determined on the basis of marks secured out of 100 allotted for the observance of the conditions of eating houses licences and provision of special arrangements such as sterilising of all utensils, cups, dishes, etc., additional arrangements for periodical cleanliness of the premises and tables, cleanliness of the servants and their uniform, refrigeration for food preservation and periodical medical examination of all employees, etc. The grade allotted to an eating house is required to be exhibited in the prescribed form conspicuously at the entrance of eating houses. Eating houses securing less than 35 marks out of 100 are not allotted any grade, nor are allowed to be licensed and they come under prosecutions till they either improve the conditions or close down.

(C) Grading of Bakeries.—Almost on similar lines as eating houses, grading of bakeries in Greater Bombay has been introduced from September 1964 so that the conditions obtainable in bakeries may be improved by compulsion. The special arrangements that appertain to a bakery are, *inter alia*, arrangements for cleanliness and sterilising all utensils and other appliances, personal hygiene of the staff, special retiring room for workers, perfect fly-proofing of the bake-room and the store room, use of electric oven for baking, etc. Bakeries securing less than 35 marks out of 100 are not allotted any grade nor are allowed to be licensed and are subjected to prosecutions till they either improve or are discontinued.

(D) Water Supply.—Greater Bombay continued to receive chlorinated water supply from Tansa, Vaitarna and Vihar and filtered water supply from Ulhas and Tulsi Lakes, constant check on the quality of water supply and dosage of chlorine, was exercised through systematic sampling and analysis of water at various points in the supply and distribution system.

(E) Drainage.—The International Development Association affiliate of the World Bank have made available 55 million dollars to the Corporation for the works to be taken up in respect of water supply and sewerage schemes.

Messrs Tata Consulting Engineers have been appointed for consultancy services in respect of sewage pumping stations in the City and Suburbs. They have also been entrusted with the work of feasibility studies regarding uprating and existing sewage pumping stations.

The work of providing sewerage facilities to the unsewered areas of Suburbs and Extended Suburbs have been recently started and an appreciable progress is expected within a year or two. As regards sewerage disposal, the Consultancy for deep sub-marine outfalls is yet to be finalised.

The execution of above works would improve the general sanitation in the Corporation area.

(F) Prevention of Food Adulteration.—This includes sampling of articles of food stored, sold or exposed for sale, etc. for checking adulteration and misbranding of food, under the Prevention of Food Adulteration Act, 1954. This work is being done by the Food Inspectors appointed for the purpose, under the provisions of the Act. There is a counter-check over the Food Inspectors by a mobile squad provided with a van for swifter and surprise sampling. Food establishments and food hawkers are also licensed under the Maharashtra Prevention of Food Adulteration Rules, 1962.

II—VITAL STATISTICS

Births and Birth-rate.—Live births registered were 1,79,023 which were 1,386 less than for 1973 and 12,342 above the average of the quinquennium 1969-1973. Of the registered births 96,840 were males and 82,183 were females, giving a proportion of 117 males to 100 females. The birth rate was 26.3 per 1000 of the mid-year estimated population.

Deaths and Death-rate.—Deaths registered from all causes were 61,679 which were 252 less than for 1973 and 3,989 above the mean mortality of the preceding 5 years,

Death rate was 9.1 as against 9.5 for 1973. 21.3 per cent of the total deaths were among infants. Of these, 40.2 per cent were recorded as due to congenital malformation and diseases of early infancy.

Mortality by sex and age.—Of the 61,679 deaths, 37,671 were among males and 24,008 among females. The excess of deaths among males may be ascribed to the slight preponderance of male it being nearly 59.0 per cent of the total population. The death-rate among males was, however, actually higher than that among females. On the basis of 1971 census population, the male death-rate was 10.8 and that of females 9.6 as against 10.7 and 9.9 respectively in 1973.

Principal causes of deaths.—Diseases of the respiratory system claimed the highest number of deaths as in the past, with a death-rate of 1.6 per 1,000 of population. A large proportion of deaths from respiratory diseases occurred among infants and children under 5 years of age. The causes coming next on the list for the year were tuberculosis 1.2, congenital malformation and diseases of early infancy 0.8, diarrhoea and dysentery 0.5.

Infant Mortality.—Deaths among infants under 1 year of age, numbered 13,123 which were 853 less than in the preceding year and 255 less than the annual average of the quinquennium 1969-1973. The infant mortality rate was 73.3 per 1,000 live-births as against 77.5 in 1973.

Of the 13,123 infant deaths, 12,303 i.e. 93.8 per cent were among infants born in Greater Bombay, and 820 deaths i.e. 2 per cent, were among those born outside Greater Bombay. The births of these 820 infants were naturally not registered in the Greater Bombay Birth registry. Excluding these 820 deaths, the infant mortality rate would be 68.7. How much of this reduction in the rate could be set off against the deaths of infants occurring outside Greater Bombay though born and registered in Greater Bombay, cannot be estimated, but in the absence of any specific cause of evidence of emigration, the number must be small and, therefore, the infant death rate after correction for residence would not be much above 68.7 i.e. 4.6 less than the recorded rate of 73.3.

Causes.—8792 or nearly 67.0 per cent of the total infant deaths were due collectively to diseases of the respiratory system, congenital malformation and diseases of early infancy, as against 65.9 per cent in 1973. Diarrhoea and Enteritis causes 1369 deaths, Dysentery 45 and Convulsions 5 deaths. Poliomyelitis causes 15 deaths and Small Pox causes one death and measles 25 deaths.

Quinquennial average.—Compared with the annual average of the preceding five years, the total deaths among infants in 1973 were 255 less more. Decrease of 18 under Dysentery and 221 under Diarrhoea and Enteritis and 12 under Measles and 31 under Convulsions was recorded. Increase of one under Smallpox, 29 under Congenital Malformation and diseases of early infancy and 151 under Diseases of Respiratory Systems and 2 under Poliomyelitis was recorded.

Age at deaths.—The infant deaths in the first week of life were 5,136 or 39.1 per cent and in the age group of 1 to 4 weeks, it was 523 or 19.2 per cent of the total. Thus 7,659 infant deaths or 58.3 per cent of the total number occurred in the first month of life. In the next two age-groups viz. 4 weeks to 6 months and 6 to 12 months, the infant deaths numbered 3,326 and 2,138 respectively, constituting 25.3 per cent, and 16.3 per cent of the entire infant mortality.

The maternal mortality numbered 62 the rate being 0.4 per 1,000 live births as against 0.5 during 1973

Cemeteries.—There were in all 177 cemeteries in use in Greater Bombay. Of these 20 are Municipal managed, the rest are managed by private trusts or bodies. At the Municipal managed cemeteries, necessary amenities are provided at Municipal cost. At non-Municipal cemeteries, they are to be provided by their trustees/owners.

Notification.—Notification of infectious diseases received numbered 27,281 as against 38,918 in 1973. Of these, 1,353 were from the medical practitioners,

Infectious Hepatitis causes 1,880 attacks (including 60 originating in the other local areas of India) and 235 deaths.

Plague was absent.

Rat control work.—Integrated rat control with the employment of combinations of different measures was planned and executed.

Rat Destruction.—Total number of rats caught and destroyed in Greater Bombay was 8,27,106 (including 2,17,879 *Rattus Rattus* and 2,70,255 *Guncmys Kck*) as against 8,73,303 in 1973. No rat was found plague-infected. Immunity tests on rats against plague were carried out at the Haffkine Institute and the susceptibility of rats of plague infection was reported as 10.25 per cent in *Rattus Rattus*, 9.1 per cent in *Rattus Narvegicus*, and 68 per cent in *Gynomys Kok*.

Other anti-plague measures *viz.* flea destruction, especially through cyanogassing of rat holes and cleansing of areas were carried out.

Small pox.—As a result of the implementation of the Smallpox Eradication Programme there were 9 local cases of Smallpox in Greater Bombay and 10 cases having their origin in the other local areas of India. The Deputy Assistant Director General of Health Services (Smallpox), New Delhi, was informed accordingly.

Cholera.—Cholera was absent. Preventive measures such as anti-cholera inoculations, disinfection of well water, destruction of over-ripe and rotten fruit, were continued and 6,49,140 persons were inoculated.

Influenza.—It caused no death.

Enteric Fever.—The number of notified cases *viz.* 648 (including 5 originating in other local areas of India) was 1,077 less than that in 1973. Number of deaths was 73 as against 60 in 1973. 5,35,872 persons were inoculated with T A B Vaccine. Other preventive measures including D. D. T. spraying as an antily measure, surprise inspection of food-establishments, etc., destruction of unwholesome foodstuffs, propaganda, etc., were carried out as usual, besides treating all cases of typhoid with chloramphenicol, etc., at the Kasturba Hospital for Infectious Diseases.

Acute Anterior Poliomyelitis.—501 cases (including 49 originating in the other local areas of India) and 53 deaths were reported due to this disease. Polio immunization was carried out: 1st dose : 1,07,385, 2nd dose : 99,141, 3rd dose : 72,868 : Total 2,79,394.

Diphtheria.—752 cases were notified. Of these, 57 were originating in other local areas of India. 53 cases proved fatal.

Cerebro-spinal meningitis.—This disease was absent.

Tuberculosis—T. B. Control Unit.—The Corporation by their Resolution, No 1366, dated the 13th February 1969, a Central T. B. Case Registration Unit was established its started functioning from March 1970. Till March 1970, we were relying on the morbidity data available from the T. B. Clinics and Hospitals only in Greater Bombay.

Functions.—(1) to organise and supervise maintenance of a central T. B. case Register of all the notified cases of tuberculosis, T. B. Cases registered since then were as under :—

Year	No. of T. B. case	Remarks.
1968	2,769	Before the establishment of T. B. case registration Unit
1969	2,274	Do
1970-71	15,207	After the establishment of the Registration Unit.
1971-72	19,479	Do.
1972-73	26,772	Do.
1973-74	32,145	Do.
1-4-1974 to 31-12-1974	16,930	Do.

From the above data, it is quite clear that it is not the T. B. incidence is on the increase. This is however not correct because of the introduction of T. B. Control Unit, we have succeeded in bringing out hidden T. B. cases to light and for registration.

The majority of T. B. cases have been brought the T. B. case register. The number is expected to decline in the near future as will be seen from the above figures for 1973 and 1974.

(2) To co-ordinate the domiciliary treatment of T. B. patients carried out through various Municipal T. B. Clinics.

From February 1973, T. B. Control Unit was established to enable detection of T. B. cases in E, F and G Wards in the beginning and whole of Greater Bombay since 1-11-1974, to assess, collect, re-distribute and assist the persons suffering from tuberculosis in general and of chest in particular. For this purpose, the Greater Bombay is divided in three divisions viz. City (A, B, C, D, E, F and G Wards), Western Suburbs (H, K, P and R Wards) and Eastern Suburbs (L, M, N and T Wards). Each of these three divisions has been kept under a Co-ordination Supervisor who is ultimately responsible to the Co-ordination Officer.

(3) To integrate Health Visiting work carried out through different clinics and take remedial measures to follow up defaulters in treatment.

The tubercular cases diagnosed are now given assistance in the prescribed treatment at all Municipal general dispensaries which are styled as primary treatment centres for T. B. cases, in addition to outpatients departments of the Municipal general hospitals and T. B. Clinics and Group of T. B. Hospitals, Sewri.

The Medical Superintendent of the Group of T. B. Hospitals has four T. B. Clinics under his for diagnosis and treatment of tubercular patients. From 1st January 1975 upgraded Municipal dispensaries under Executive Health Officer will be working as additional T. B. clinics for diagnosis and treatment of such cases. In each of the above-stated 4 T. B. Clinics, there are Health Visitors attending the clinic work and domiciliary visits. One health visitor for each of the following A, B, C, D, E, F/North, F/South, G/South, G/North and H Ward. Each Health Visitor controls the work of Treatment Organizers in the Ward and in addition, keeps in touch with B. C. G. Vaccination work carried out in the maternity home located in the Ward.

There is also a domiciliary unit with a vehicle. The medical personnel visits all the Primary Treatment Centres and upgraded dispensaries to control the anti-tuberculosis work carried out to assist in anti-tuberculosis work. So far as Infector pools are concerned, with the help of clinics, and group of T. B. Hospitals at Sewri and Dadar.

The set-up will, for all practical purposes, cover up the persons resorting to free medical relief rendered by the Municipal Corporation of Greater Bombay. The treatment organisers under the guidance of the Health Visitors, or without their guidance, as the case may be, will pay home visits at the residences of Tubercular cases to know further about defaulters and to bring them on the regular line of treatment. They will also study the family patterns from the point of view of contacts and refer the contacts to the nearest diagnostic centre. Further efforts will also be made to confirm the referred contact and orient the new case to the line of treatment and provide the ambulant cases with the prescribed drugs other than injections. During the home visits the investigator has also to assess the number of persons below 14 years of age and the numbers of persons who have not been given B. C. G. Vaccination.

(4) To organise and implement group-wise or area-wise B. C. G. Vaccination.

The supply of B. C. G. Vaccine from Guindy, Madras is likely to be doubled in near future (say within 2 to 3 years) as there is plant expansion programme. With increase in the supply, more centres will be started. For the present arrangements have been made to administer B. C. G. Vaccination direct i. e. without carrying out the tuber culin test, to the children from the new-born, to 14 years of age, in all the Municipal Maternity Homes.

The Medical Officer (Schools) carries out the B. C. G. Vaccination work with five units to the children attending Municipal schools. The B. C. G. vaccinators are from amongst the Treatment Organisers of the T. B. Control Unit.

This helps to reduce the load on hospital beds without reducing advantages made available to patients who are hospitalised.

As per the modern therapeutics, hospitalisation of a T. B. cases is not quite necessary, except in the cases where surgical intervention is necessary and self-administration of the drugs is not possible, the cases being serious, etc. Funds invested on domiciliary treatment curtail the expenditure on hospital side.

Staff pattern.—The staff consists of Assistant Health Officer working as Co-ordinating Officer in advisory capacity from 6th October 1971, three Co-ordinating Supervisors, Seventy Treatment Organisers, five B. C. G. vaccinators, Medical Record Technician, two Registration Assistants, a clerk, a clerk-cum-typist, a peon and six labourers.

Tuberculosis being a notifiable disease, private medical practitioners are requested to notify all cases diagnosed and being treated by them privately, as of T. B., to the Central Registration Unit, established in Group of Tuberculosis Hospital, Sewri, Bombay 15. (Tel. 448441, extension 14).

Veneral Diseases.—The Municipal V. D. Clinic is situated at 254, Bellasis Road, Bombay 8. V. D. cases are treated there, with the latest methods of treatment after proper clinical diagnosis confirmed by Modern Laboratory test carried out at the Clinic's Laboratory. Along with other venereal diseases cases of minor skin diseases were also treated at this clinic.

Antibiotics like injectable penicillin preparations, streptomycin and broad-spectrum antibiotics with vitamin preparations, etc., were the drugs of choice in the treatment of venereal diseases.

Male and female patients were examined and treated in separate wings of the clinic maintaining absolute privacy and secrecy.

A "refresher" course in V. D. was conducted periodically at this clinic for the benefit of general practitioners since June, 1973, under the joint auspices of the Association for Moral and Social Hygiene, the V. D. Advisory Committee, Maharashtra State, and the Municipal Corporation of Greater Bombay. Ten lectures-demonstrations were given in the Refresher course, in 1974. General Practitioners were informed about the latest methods of diagnosis, investigations and treatment.

The new V. D. Reference Laboratory was established from 8th May 1973, under the Joint auspices of the Bombay Social Hygiene Council, and Municipal Corporation of Greater Bombay at the Municipal Maternity Home premises, Stable Street, Kamathipura, Bombay, 400 011. The Laboratory was kept open between 10 a.m. and 5 p.m. on all working days except Sundays and Public Holidays.

The Laboratory undertakes:—

(1) Blood V. D. R. L. and Kahn Verification Test. (2) D. G. I. (3) Ur. Smear Examinations. (4) Smear examinations from sores, mucuous patches, aspirated bubo for (i) G. C. (ii) Duckrey's bacillus, (iii) Donovan bodies. (5) Urine examinations.

Facilities for culture and antibiotic sensitivity examination regarding *Neisseria Gonorrhoeae* culture and urine exist at the laboratory.

This laboratory extends facilities to patients referred to by General medical practitioners, maternity homes and eye hospital, Kamathipura, with distinctive facility sending all the reports to general practitioners under confidential cover. This helps proper diagnosis and treatment free of cost.

Lectures and demonstrations were given to students, sanitary inspectors and naval cadets as a routine programme.

The Medico-Social Workers, one male and the other female, and the Health Visitor (Auxiliary Nurse) helped in inducing the defaulting patients and married partners to take continued and complete treatment and impressed upon their minds the disastrous after-effects of the disease with the repeated interviews in the clinic and by home visits with the patients and with the sex-contacts. It was also explained that Venereal Disease is a curable disease if treatment is taken in time and by professionally trained personnels. They laid great importance on follow-up work. Follow-up schedule forms were introduced to collect statistical data for medical information.

Some female patients willing to be rescued were given aid in rescuing themselves through the Vigilance Branch of the Police Department.

The private medical practitioners who sent blood samples and urethral smears to this clinic for examination, were given the reports confidentially free of charge. Also, 16,003 samples of blood were received from the Municipal maternity homes and hospitals for opinions as follows:—

Municipal Eye Hospital, Kamathipura	..	253
Municipal Maternity Home, Andheri	..	32
Municipal Maternity Home, Bellasis Road	..	2,001
Municipal Maternity Home, Khetwadi	..	884
Municipal Maternity Home, Rawli Camp	..	1,722
Municipal Maternity Home, Imamwada	..	1,346
K. B. Bhabha Hospital, Kurla	..	6,287
Municipal Maternity Home, Reay Road	..	54
Municipal Maternity Home, Kamathipura	..	2,369
Municipal Dispensaries	..	17
Bombay Moral and Social Hygiene Council	..	34
Private Medical Practitioners	..	404
Total	..	16,003

Of these, 789 were positive for V. D. R. L. or Kahn Test. These positive cases were treated in the respective maternity homes and hospitals for the convenience of the patients.

As many as 22,171 (21,083 males and 1,088 females) Venereal and 7,683 (7286 males and 397 females) non-Venereal cases were treated.

Out of 22,171 venereal cases, 6,322 were Syphilis, 11,094 were Gonorrhoeas and 4,755 were cases for non-syphilitic sores.

On an average, 100.6 patients were treated daily at this clinic. The clinic played an important part in the control of Venereal Diseases.

Leprosy.—The Acworth Leprosy Hospital was founded in 1890 and since then, has been doing commendable work and is also conducting nine clinics, five in the city and four in the Suburbs, and Extended Suburbs, maintained by the Greater Bombay Leprosy Control Scheme, whose aims and objects are to control leprosy in Greater Bombay through survey, education and treatment. In addition to providing a hospital for the isolation of 500 patients, either voluntarily admitted, or committed by Magistrates, under the Leprosy Act, the Institution conducts a well-equipped Outpatients Clinic, with facilities for education, case-detection and treatment, including physiotherapy and chemo-pro phylaxis, and reconstructive and plastic surgery. Medical social service is also provided. The figure of attendance at the 9 clinics are given below :—

	A. L. Hospital clinic	C. B L C. Scheme (9 clinics)
New cases	4,348	2,815
Old cases	13,232	9,746
Average daily attendance	271.19	44.4

The Corporation bears the entire cost of the out-patient clinic attached to the Acworth Leprosy Hospital and also additional cost on account of :—

- (1) 48 beds for the voluntary patients domiciled in Bombay.
- (2) Approximately 250 beds for the resident patients (domiciled in Bombay) committed under the Leprosy Act.
- (3) Domiciliary service by 6 Health Visitors.
- (4) An amount of Rs. 10,000 (Ten Thousand) every year for Sulphone treatment to outpatients.
- (5) One-half of the recurring expenditure and the entire cost of the capital works such as construction, etc., on account of the Greater Bombay Leprosy Control Scheme activities.

Six Health Visitors appointed by the Municipal Corporation of Greater Bombay and three Medico-Social Workers and 3 non-medical Assistants appointed by the Acworth Leprosy Hospital and 7 Health Visitors appointed under the Greater Bombay Leprosy Control Scheme are doing the important work of detecting cases of the diseases among the contacts of the patients. The Medical Officers in charge of the Municipal free dispensaries have also been specially trained for detection of early cases of leprosy.

Under the auspices of the Acworth Leprosy Hospital, Society for Research, Rehabilitation and Education in Leprosy the following programmes were started :—

- (1) Annual Essay Competition in Leprosy for Medical Undergraduates.
- (2) Orientation Programme in Leprosy for General Medical Practitioners.

Leprosy Clinic was started at the R. N. Cooper Municipal Hospital from 8-2-1974.

An all India Seminar on Leprosy under the joint auspices of the Indian Association of Leprologists and Acworth Leprosy Hospital Society for Research, Rehabilitation and Education in Leprosy was conducted on a large scale in November 1974.

Malaria.—Inspections were carried out for detecting mosquito breeding places and breeding detected was promptly destroyed by treating with larvicides. The urban vector, *A. Steplensi* (larvae was not detected and rural vector *A. Fluvialitis* and *Culicifacies* detected on 8 occasions.

Wells.—15 open wells were filled in and 7 open wells were rendered H. C. C. Open wells and partially open wells were stocked with larvivorous fish to prevent mosquito breeding in them.

Cisterns.—Cisterns in Greater Bombay, numbered 1,64,500 (City 99,512, Suburbs 51,418 and Extended Suburbs 13,970.)

Overhead tanks.—All the 321 overhead tanks on mills and other similar premises were inspected and necessary action taken in cases where they were found in non-mosquito proof conditions.

Mill tanks.—103 mill tanks in Greater Bombay were periodically inspected and necessary measures taken to prevent or destroy mosquito breeding in them. Some of these tanks were kept under insecticidal treatment on payment and others have been stocked with larvivorous fish.

Storm Water Entrances and Drains.— All the Storm Water entrances and drains were kept under periodical larvicidal treatment to prevent mosquito breeding.

Precautions against Yellow-Fever.—Campaign against *Aedes Aegypti* mosquito, the vector for yellow fever and dengue was continued throughout the year. Breeding of *A. Aegypti* was detected on 22 occasions. Stegomyia index for the year was 0.01 per cent.

Statutory actions were taken against the owners to keep their premises free from breeding of mosquitoes.

Insecticidal Services.—Fly and other insect pests likely to cause nuisance and transmit insect-borne diseases were reduced as a result of regular anti-fly and other disinfection measures adopted by the Insecticidal Branch.

Filaria.—Entomological survey to assess and delimit the transmission of filariasis by mosquitoes was continued during the year.

Insecticidal Treatment on payment of fees in private premises.—Insecticidal squad operated all over Greater Bombay. An amount of Rs. 3,56,075.78 was received as fees for the services rendered.

Insecticidal fogging operations.—The fogging operations were carried out throughout Greater Bombay with the help of three squads covering all the areas where insect infestation was high.

Aerial spraying.—Aerial spraying of insecticides and weedicides were carried out during fair season over grass plots and marshy lands, and 7,407.5 acres of marshy inaccessible lands treated.

National Malaria Eradication Programme.—The National Malaria Eradication Programme was started in Bombay in 1962-63. The unit is under "consolidation phase" at present.

Municipal Corporation of Greater Bombay has 3 units under National Malaria Eradication Programme, viz. City unit, Western Suburbs unit and Central Suburbs unit.

The City is covered by Passive Surveillance only whereas Western and Central, and Extended Suburban areas are covered both by Active and Activated Passive Surveillance. In the Active Surveillance, a worker has been allotted about 3,000 houses with a population of about 15,000. He visits these houses twice a month and makes enquiries about fever cases. He collects blood smears from all persons suffering from fever. In the "Activated Passive Surveillance", workers are posted in Municipal and Government dispensaries and hospitals in Greater Bombay to collect blood smear from the fever cases attending Hospitals and dispensaries for treatment. 83 dispensaries and 21 hospitals are covered under the scheme.

The blood smears collected by the Surveillance staff are examined for Malaria parasites by specially trained staff in the laboratory at Parel. There are 40 laboratory technicians working in the laboratory. Each laboratory technician examines 70 blood smears per day.

Whenever a case of Malaria is detected, through epidemiological investigations is carried out to find out the source of infection and to classify the case. Following action is immediately taken to prevent further spread of the disease.

(1) The patient is given radical treatment with chloroquin and primaquine tablets for 5 days. The treatment is given by Surveillance Inspector who visits patient's house every day for 5 days. After the treatment is over, the patient's blood smear is again collected to find out whether the patient's blood is completely cleared from malaria parasites. Patient is kept under observation for one year by collecting his blood smear monthly.

(2) The patient's house and nearby 50 houses are sprayed by residual insecticides to prevent transmission.

(3) A mass blood survey is carried out in the locality to find out the source of infection and to detect further transmission if any, of the disease.

The Surveillance Branch keeps always in contact with the Insecticide Department of the Municipal Corporation of Greater Bombay for vector control. Whenever breeding of anopheles stephensi the vector species in Bombay is detected by the insecticide branch, a Mass Blood Survey is carried out in the locality to find out whether any transmission has taken place in the area. Similarly, whenever any Positive case is detected by Surveillance Department, Insecticide Officer is immediately informed to carry out through search for breeding if any in that area. Mass surveys are also carried out among Nomadic groups, construction and brick factory workers, etc., to find out imported infection if any, in such population.

Assistant Health Officer (Surveillance) is in overall charge of the Surveillance branch. He is assisted by 4 Unit Officers to supervise the work of the Surveillance Inspectors and workers. Technical guidance and material supplies are received from Director of National Malaria Eradication Programme, Delhi, Deputy Director, Malaria and Filariasis, Pune, and Regional Co-ordination Officer, Baroda.

Greater Bombay has so far no problem regarding Malaria transmission, though other major cities in India are facing it. However, increase in the number of Malaria-positive cases was noticed this year. This was due to imported cases from the other parts of India and Maharashtra State.

Such gradual rise in parasitic reservoir in population of Greater Bombay is likely to start transmission of the disease in future, if anti-vector measures are not efficiently carried out. For detection of Malaria positive cases, co-operation from the private medical practitioners is also essential. However, unfortunately this is lacking in spite of incentive of Rs. 10 sanctioned to them for every malaria positive case detected and notified.

Focal outbreak of Malaria in Bombay.—Though there is no regular transmission of malaria in Greater Bombay on large scale, 123 Indigenous cases were detected among the group of labourers employed at Pipe Line construction work near Damu Pada Village at Kandivli in 1974. Epidemiological investigations showed that all the workers had come from Bhir Town in Aurangabad district of Maharashtra State. Some cases gave the history of infection at their native place. All the patients were given radical treatment with Primaquine tablets and anti-larval measures were intensified in the area. All the houses in the area were also sprayed with residual insecticides. No more cases were detected from the area in December. The area has been kept under observation by regular weekly surveillance and repeated Mass Blood surveys.

III.—HYGIENE

The Maternity and Child Welfare Services were rendered through the 22 Municipal Maternity Homes, Four Maternity Wards attached to Municipal General Hospital and 37 Maternity and Child Welfare Centres. The scheduled strength of Maternity beds was 1,111. The number of deliveries conducted was 72,400. The average stay of mothers in the Maternity Home was 5 days.

Domiciliary care was rendered to impart health education and to carry out health propaganda amongst mothers. The mothers were also guided how to bring up their babies well and persuaded to take advantage of the services at the centres. The medical Officers in charge Maternity Homes also paid domiciliary visits to supervise and guide the Health Visitors in their work.

Institutional care included ante-natal, natal, post-natal, infant and pre-school age child care, follow-up work, and health education by propaganda through posters, leaflets, group talks, demonstrations and film-shows, etc.

During the natal period, each mother was explained the importance of family planning. Milk was given free to the poor and needy expectant and nursing mothers, 3 months before and 3 months after delivery at the Maternity Homes. Poor mothers who delivered at their homes were also given help in the shape of milk.

Arrangements for the post-mortem examination in the cases of certain deaths occurring in Municipal maternity homes were continued at the B. Y. L. Nair Hospital.

B. C. G. vaccination was given to 55,674 new-born babies at the 22 Municipal maternity homes and 4 maternity wards attached to Municipal General Hospitals after obtaining consent of their parents.

Paediatric centres were conducted at 7 Maternity Homes with a view to providing a service to the community in which efficient, effective and comprehensive paediatric care can be given outside the hospital, by promoting good growth and development, providing immunization facilities, teaching family and community health as also nutrition, (ii) to reducing the load of hospital O. P. Ds. by referring cases for different medical care and (iii) to providing a teaching field and educational experience in an urban centre to doctors, nurses and allied workers.

Immunization.—Infants and children aged 6 months and above were immunized with triple vaccine at the Maternity Homes. Polio vaccine was given to the infants and children upto the age of 6 years at the Maternity Homes.

Family Welfare Planning.—With a view to preventing or minimizing maternal and infantile mortality and morbidity, instructions in spacing of birth are given by trained doctors, to married men and women at the family welfare planning centres free of charge. Contraceptives are also given free after demonstrating the use of the same.

These activities are conducted under the supervision of the Special Officer in charge Family Planning, F-South Ward Offices, Dr. Ambedkar Road, Parel, Bombay 12.

Summary of the work done

(1) I. U. C. D. insertions	(2) Vasectomy operations	(3) Tubectomy Operations	(4) No. of condoms distributed
4,641	48,975	12,338	1,28,21,639

SCHOOL HEALTH WORK

(1) Medical Inspection of School Children

(a) **Primary Schools.**—Pupils in Standards I to IV and V to VII in 1007 Municipal Primary Schools and 94 classes in Greater Bombay, numbered 5,70,262.

The Medical inspection was conducted in 865 schools and classes by the Assistant Medical Officers (Schools) and medical examination of 1,33,533 children, (68,605 boys and 64,928 girls) studying in standards I and III as well as of those from standards II and IV who remained unexamined during the previous year was done this year.

As many as 1,11,031 children were found defective. The defects were communicated to their guardians. The total defects noticed amongst the children were 2,19,468. The guardians of 1958 children were interviewed by the Assistant Medical Officers (Schools) and were explained the necessity of getting their wards investigated and treated.

The percentage of each of the defectives to the total defectives i. e. 1,11,031 was as follows :—

Serial No.	Defect.	Total defective in	Total defective in
		1974 1,11,031	1973 1,04,085
		Percentage, 1974	Percentage, 1973
(1)	Dental	62.13	77.87
(2)	Throat...	25.81	29.90
(3)	Nose	15.45	16.94
(4)	Eye (External)	2.91	4.39
(5)	Eye (Vision)	1.59	1.84
(6)	Ear diseases	6.58	6.79
(7)	Enlarged lymphatic glands	33.55	36.99
(8)	Heart and circulation	0.91	1.35
(9)	Lungs and Tuberculosis	0.76	0.93
(10)	Spleen	0.01	0.009
(11)	Skin (contagious)	6.11	5.60
(12)	Deformity of bones and rickets	4.06	3.04
(13)	General debility	54.49	54.24
(14)	Other diseases	11.72	10.00

(B) **Secondary Schools.**—Out of 73,484 children studying in 49 Municipal Schools (Secondary), 21,254 were medically examined and 16,744 were found defective.

(2) Follow-up

(a) *Corrections of defects.*—The number of children treated at each clinic was as below :—

School clinic at	New cases	Repeaters
L. T. M. G. Hospital, Sion	1,765	9,174
K. E. M. Hospital	2,619	15,511
Nair Hospital	2,418	21,783
Nair Hospital Dental Clinic at Dental College, Nair Hospital	1,393	5,283
Dr. R. N. Cooper Hospital, Juhu	3,038	12,630
	11,233	64,381

(b) 565 cases with minor ailments were treated in the Municipal dispensaries. 3,095 children were referred to the honoraries of the out-patients' department for expert opinion. 252 cases of Tonsils were operated at the school clinics. 14 students were supplied special aid such as calipers, hearing aid, etc. 655 children were supplied with 'spectacles' free of charge, out of which 300 spectacles were given by the Lion's International Club. 336 children found suffering from leprosy, out of which 8 children being contagious were disallowed from attending Municipal schools. The parents of the children suffering from Leprosy were advised of the importance of regular treatment.

(c) 410 children suffering from T. B. were treated in clinics.

(3) Sanitary Inspection of School Building

The school buildings were inspected from the sanitary point of view and the reports were sent to the departments concerned for necessary action.

(4) Health Education

(a) 827 and 2,646 Health talks were given in schools by the Assistant Medical Officers (Schools) and Health Visitors respectively.

With a view to imparting Health Education, the following activities were conducted.

(b) 69 meetings of parents and teachers were organised by the Medical Inspection Branch in the school premises. Educational films were shown as well as informative talks were given at these meetings.

(c) *Health Ministry.*—Health Ministry was formed by selecting one or two students of each standard viz. IV to VII in some of the Upper Primary Schools to look after the sanitation of school environment. This Ministry was guided by the school teachers every day and by the Assistant Medical Officers (Schools) and Health Visitors (Schools) periodically.

(d) *Health Trophy Scheme.*—This scheme was introduced to encourage school children to inculcate proper health habits. 152 schools were included in this scheme.

Two schools standing first in the city and 2 schools standing first in the Suburbs and Extended Suburbs were awarded Health Trophies and 152 schools were awarded 'certificates of merits'.

(e) *Health Parade*.—Under this scheme, Health Prades were held in a few selected lower primary schools where the school teachers inspected students for personal hygiene daily. The Assistant Medical Officers (Schools) and Health Visitors (Schools) visited and inspected the students once a month to give marks to the children for personal hygiene and cleanliness. The first two children from each class who secured highest number of marks were given prizes as an encouragement.

(5) Supply of milk to the ailing children at the school clinics.

7,528 ailing children attending school clinics at the K. E. M. Hospital and 663 children attending the dental clinic at Nair Hospital Dental College were supplied with 200 ml. pasteurised toned milk each and 200 ml. double toned milk was supplied to 1,650 children attending the Nair Hospital school clinic.

Supply of milk buns, peanuts and biscuits by Education Department to the children attending Municipal Schools :—

Milk.—45,000 children daily 200 ml. per child.

Buns.—2,41,000 children daily 50 grams bun in polythene packet per child.

Peanuts.—3,60,000 children daily 20 grams peanuts in polythene packet per child.

Biscuits.—1,50,000 children, on alternate days 15 gram biscuits per child.

Sukhadi.—7,000 children daily (50 grams per child on experimental basis for one month).

(6) Child Welfare Centre

Child Welfare Centre at the J. J. Group of Hospitals which is a part of the World Health Organization Nursing Education Project, assisted the Municipal Inspection Branch in the Health Programme in 2 Municipal Schools located in the hospital compound, where 250 children were treated.

2175 children were examined by the Department of Preventive and Social Medicine, Topiwala National Medical College, 345 by the Department of Preventive Social Medicine, L. T. M. G. Hospital College, Sion and 315 by the Preventive and Social Medicine, G. S. M. College, Parel.

(7) Immunization

Immunization.—The Immunization work was carried out in Municipal schools as follows :—

(a) Diphtheria and Tetanus	1st dose	..	68,867
	2nd dose	..	99,759
(b) Small-pox		..	124,565
(c) B. C. G. Vaccination		..	91,799
(d) T. A. B. C.		..	1,47,163
(e) Polio	1st dose	..	22,803
	2nd dose	..	31,453
	3rd dose	..	26,084

(8) Emergency Care

First Aid was rendered at the time of sports, Mass drills, scout rallies, Sharadotsav, etc. organized by the Municipal Education Department.

(9) Lectures

Lectures on Health Services for children of school age, were given by the Medical Officers (School) to the students attending D. C. H. course, Sanitary Inspectors' Course.

The Mobile Health Unit

The Mobile health unit working under the supervision of Dr. D. N. Pai, Honorary Director, Mobile Health Unit and Professor of Preventive and Social Medicine, Seth Gordhandas Sunderdas Medical College, performed the following activities in the Municipal schools and in the field from 1-1-1974 to 31-12-1974 as per its stipulated objectives as under :—

(1) *Comprehensive Health Care to the Municipal School children*—It assisted the Medical Inspection Branch working under the control of Medical Officer (Schools) in conducting the medical inspection in 199 Municipal schools, 51077 children from standard 1st to 3rd were medically screened.

(2) *Control of communicable diseases*—384260 immunization procedures against various communicable diseases performed both in the Municipal Schools and in the field were as under :—

		Immunization		
		In Schools	In Field	Total
Diph. Tetanus—	1st dose	.. 12,121	..	12,121
	2nd dose	.. 5,276	..	5,276
Triple—	1st dose	.. ..	2,693	2,693
	2nd dose	.. ..	2,022	2,022
	3rd dose	.. ..	1,414	1,414
	Booster dose	.. ..	926	926
Polio—	1st dose	.. ..	2,879	2,879
	2nd dose	.. ..	1,835	1,835
	3rd dose	.. ..	1,492	1,492
	Booster dose	.. ..	970	970
	T. A. B. C.	.. 83,693	26,300	109,993
	Cholera	.. 83,693	26,300	109,993
	Smallpox	.. 61,696	66,666	128,362
	Tetanus Toxoid	.. ..	4284	4284
		2,46,479	1,37,781	3,84,260

(3) *Health Drives and Family Planning Exhibitions*—In addition to general health education performed and the mass immunization carried through its Units, 406 Health Drives, 52 Family Planning Exhibitions in the different localities, mills and factories were held. All the 21211 persons were medically screened in the medical check drives in slum areas.

Six Information-cum-distribution Centres with facilities for Vasectomy operations were conducted in cooperation with the Central and Western Railway authorities. The activities at these centres included lectures by the eminent speakers, instructions on family planning, distribution of contraceptives and literature thereon. In all, 5042 vasectomy operations and 2967 I. U. C. D. were performed at these centres.

(4) *Training of medical and para-medical personnel*.—184 medical interns from municipal medical colleges were trained in Urban Health Practice

(5) *Six Slum Medical Centres*.—Six medical aid centres in slum areas where the facilities of Municipal dispensaries either do not exist or are a distance, were started at Haines Road, Kamgar Kreedha Mandal, Tulsi Pipe Road, and at Deonar and Malvani, 11th October Colony, Rashtriya Mill Mazdoor Sangh. In all 5042 patients were treated in these centres and 148492 patients days of treatment were dispensed.

(6) *Other medical problems of medical emergency*.—Special efforts for taking comprehensive health care and family planning to slum areas were made during this year.

(7) *Film shows*.—In all, 383 film shows on mass health education and family planning were arranged in different localities.

IV.—MEDICAL RELIEF

Municipal General Hospital :—The Public Health Department conducted seven general hospitals in the suburbs and extended suburbs.

Free Dispensaries :—New cases treated at the 107 dispensaries and 15 mobile dispensaries were 3423534 as against 3210659 in 1973. The total attendance was 1,23,28,833 in against 10931769 in 1973.

Clinics for women and children were conducted by 3 part-time Lady Doctors at 6 Municipal dispensaries for 2 hours thrice a week. New cases treated were 2787 (2249 women and 538 children) as against 3558 in 1973. The total attendance was 6118. These figures include visits by the Lady Doctors to patients at their homes. At the 37 maternity and children welfare clinics, 385615 new cases (213664 women and 171951 children) were treated. The total attendance was 11,78,410.

The Municipal Eye Hospital at Kamathipura was in charge of a part-time Superintendent. He was assisted by two resident Assistant Medical Officers in clinical and administrative work. Besides, there are eight honoraries who attend on alternate days.

The total number of new cases treated and the total attendance at the outpatient department of this hospital was 32845 and 16,403 as against 34541 and 147734 respectively during the previous year. The number of in-door patients amongst new cases and total attendance was 1905 and 20122 respectively, as against 1837 and 18004 respectively in 1973.

The total expenditure of this hospital during the year was Rs. 6,34,684

The Medico-social Unit, established in April 1957 at Kherwadi, Bandra, by appointing a Medico-Social Worker, in order to carry out an integrated practice of medicine based on the family and community as a Unit continued working. The medical personnel specialising in different fields of medicine and working at the Kherwadi Family and Community Health Centre, a Voluntary social organization, rendered honorary services at the Unit

Ambulance Service

(1) Fire Brigade Head Quarters, Byculla For removal of cases of maternity and of street accidents (free) and non-infectious medical cases on payment within Greater Bombay Municipal limits.

(2) Ambulance Garage, Sane Guruji Marg for Infectious diseases cases (free) and dead bodies (on payment) within Greater Bombay.

An ambulance is also attached to each of the undermentioned Municipal medical institutions. It is made available to public for removal of patients within Greater Bombay Municipal limits at the rate of Rs. 8 for the 1st hour and Rs. 4 for each subsequent half hour or fraction thereof.

Name of the Municipal medical institutions	Working hours.
(1) K. B. Bhabha Hospital, Bandra	.. Round the clock. (Private calls from 9 a. m. to 5 p. m. only).
(2) Dr. R. N. Cooper Municipal General Hospital, Juhu	.. Round the clock.
(3) K. B. Bhabha Hospital, Kurla	.. Between 7 a. m. and 3 P. M. only.
(4) Municipal General Hospital, Rajawadi, Ghatkopar	.. Round the clock.
(5) Shri Harilal Bhagwati Municipal General Hospital, Borivli	.. Round the clock.
(6) Municipal Mat. Home, Bhandup	.. Between 8 a. m. and 4 p. m.
(7) Municipal Mat. Home, Mulund	.. Round the clock.

Upgraded dispensaries :—There has been considerable over-crowding at the outpatients' department of the Municipal general hospitals, making it difficult for the medical staff of the hospitals to pay adequate attention to each patient. The overcrowding in the outpatients' department is due to the attendance of a large number of patients requiring only dispensary treatment. With a view to relieving the general hospitals of the heavy load of patients, 16 municipal general dispensaries were upgraded with the approval of the Corporation by their Resolution No. 286 of 8-5-1969, providing thereat facilities for screening and routine laboratory investigations.

V.—HEALTH PROPAGANDA AND EDUCATION

The Health Propaganda and Education were carried out through the Public Relations Department.

VI.—MUNICIPAL LABORATORY

During the year, Shri R. S. Chatim held the post of Municipal Analyst and Public Analyst and Smt. P. M. Dotiwala and Sarvashri P. S. Joshi and R. M. Balvalli as additional Public Analysts, under the Prevention of Food Adulteration Act, 1954.

The Municipal Analyst continued to be a member of the following committees :—

1. Indian Standards Institution :—

(1) Pesticide Sub-Committee, (2) Water Sectional Committee (3) Food Hygiene Sampling and Analysis Sectional Committee (4) Air Pollution Sub-committee, (5) Panel for Microbiological test of the Water Sectional Committee, (6) Composition of processed cereals and Pulses, Sectional Committee, (7) Composition of the Water for Industrial Purposes Sub-Committee, (8) Chemical Standards Sectional Committee.

2. Committee for the detection of Argezone Oil in Foodstuffs (under Directorate General of Health Services).

3. Analysts Sub-Committee of the Central Committee for Food Standards.

The Laboratory continued to be of assistance to the several departments of the Municipal Corporation in the examination of samples of various articles but the important items examined in the laboratory in large numbers were samples of foods of all kinds under the Prevention of Food Adulteration Act, 1954, and water samples collected from all over Greater Bombay. In addition to this,

samples of foodstuffs were also received from the Food and Drug Administration, Maharashtra State for Analysis under the Prevention of Food Adulteration Act, 1954.

The Laboratory received 50733 samples as against 53381 in the preceding year. Category-wise, they arrange themselves into the following groups :—

I.—Chemical Examination :

(1) Food (i) P. F. A. Act	..	..	..	..	14973
(ii) Other than P. F. A. Act	..	..	..	..	6448
(2) Water samples	..	..	..	..	5232

Chemical :—

(3) General stores	..	..	..	..	377
(4) Hospitals	..	..	..	..	66
(5) Miscellaneous	..	..	..	..	387
				Total	27483

II.—Bacteriological examination :—

(1) Water (i) from city and suburbs	..	..	..	..	21363
(ii) from Bombay Port Trust area	..	..	..	..	590
(2) Disinfectants	..	..	..	..	16
(3) Foods	..	..	..	..	1281
				Total	23250

III.—Clinical examination :—

(1) Urine	..	..	..	..	..
(2) Blood for general examination	..	..	..	..	..
(3) Stools	..	..	..	..	..
(4) Semen	..	..	..	..	..
					Nil.

Water sampling programme was continued as usual. The sampling was done both in the morning and evening so as to cover all the wards.

The Municipal Analyst attended courts in Greater Bombay to give evidence in 65 cases under the Prevention of Food Adulteration Act.

I—Chemical

(1) Samples of food-stuffs:—Examined chemically were 21433. Of these, 14973 were examined under the Prevention of Food Adulteration Act, 1954.

(2) Of the 5232 samples of water examined, 95 of well water and 26 from other sources were found unfit for potable purposes.

(3) 387 samples of different kinds such as soaps, paints, varnishes, articles of stationery (i.e. different kinds of inks and gums), drugs, chemicals, etc., were received from different departments and from members of the public.

II—Bacteriological

(1) Of the 21973 samples of water from Greater Bombay examined, 125 of well water and 4001 from other sources were found unfit for potable purposes.

Out of 590 samples collected from the Bombay Port Trust area, 140 samples were found unfit for potable purposes.

(2) 16 samples of disinfectants were examined to determine the Rideal Walker Co-efficient.

(3) Of the 1281 samples of food-stuffs examined, 74 were found unfit for human consumption.

III.—Clinical :—No sample of urine was received from the Municipal medical institutions or from private parties. Not a single sample of miscellaneous nature such as stools, semen, was received for examination.

VII.—KASTURBA HOSPITAL FOR INFECTIOUS DISEASES

Dr. R. S. Deshpande, M.B.B.S., D.P.H., Medical Officer, continued to be in full charge of the administrative work of the Medical Superintendent in addition to his own till 9-2-1976 when he retired from Municipal service on account of superannuation. From 10-2-1974 till the end of the year Dr. (Smt.) S. N. Marathe, M.B.B.S., Assistant Medical Officer, was looking after the administrative work of the Medical Superintendent in addition to her own. From 28-10-1974 till the end of the year, Dr. V. V. Shanbhag, M.D., Professor and Head of the Department of Medicine, T. N. M. College was deputed to this hospital to look after the administrative work. With a view to upgrading this institution and putting medical relief work on a better footing, the Honorary Physicians and Paediatricians appointed in 1964 continued to visit this hospital twice a week. One additional post of Honorary Paediatrician was created to fulfil the UNICEF's condition for the establishment of a Paediatric teaching centre in communicable diseases.

Honorary Physicians

- (1) Dr. L. R. Patel, M.D., M.R.C.P., F.C.P.S.
- (2) Dr. A. F. Golwala, M.D., F.C.P.S.
- (3) Dr. N. M. Shah, M.D. (Bom.), M.R.C.P. (Lond.).

Honorary Paediatricians

- (4) Dr. P. E. Bharucha, M.D. (Lond.), D.C.H. (Lond.).
- (5) Dr. N. S. Tibriwala, M.D., D.C.H.D. Ped.

The following Assistant Physicians (Part-time) who attend daily continued to help the Honorary Physicians. (1) Dr. S. A. Kamat, M.D., (2) Dr. V. S. Ajgaonkar, M.D., F.C.P.S. (3) Dr. A. J. Mehta, M.D., (4) Dr. S. B. Talathi, M.D., D.C.H., appointed as part-time Assistant Paediatrician from 23-7-73.

The following consulting Honorary Staff was attached to the hospital :—

- | | |
|---------------------------|--|
| (1) Dr. L. H. Hiranandani | .. F.R.C.S., D.L.R.O., F.C.P.S., Honorary E. N. T. Surgeon. |
| (2) Dr. J. V. Desa | .. M.S., D.L.O. (Lond.), Honorary E.N.T. Surgeon. |
| (3) Dr. V. N. Purandare | .. M.D.F.R.C.S., Honorary Obstetrician & Gynaecologist. |
| (4) Dr. K. V. Chaubal | .. M.S., F.R.C.S. (Eng.), D.M.C.H. Orth. (Liverpool)
Honorary Orthopedic Surgeon. |
| (5) Dr. C. A. Talwalkar | .. M.S., Honorary Orthopaedic Surgeon. |
| (6) Dr. Janak Mehta, | .. M.B.B.S., D.A., Honorary Anaesthetist. |
| (7) Dr. R. B. Raut | .. L.D.Sc., Honorary Dental Surgeon. |
| (8) Dr. S. C. Sheth | .. M.D., F.R.C.P. (Lond), F.A.A.P., F.A.Sc. F.C.P.S., D.C.M.
Honorary Consultant, Paediatrician (without hono-
rarium, from 16th December 1971). |
| (9) Dr. M. M. Mehta | .. M.B.B.S., D.M.R.E., Honorary Radiologist. |

Activities

As the activities of X-Ray department increased, 1 post of Honorary part-time Radiologist was created and as a temporary arrangement. Dr. G. R. Jankharia, M.B.B.S., D.M.R.E. (Bom.), D.M.R.D. (Lond F.R.R. (Eng.) was appointed as Honorary Radiologist from 1st December 1971.

Medical Record Department

The Medical Record Department was established for the first time at this hospital from 1st October 1970. The record system is being planned as per the Vellor system with a view to rendering quick medical relief to the patients and helping the medical staff and post-graduate students in carrying out the research work. All the discharged case-papers are preserved properly and made available to the medical staff when required. These papers are coded disease-wise. Diagnosis sheets are prepared so as to furnish the statistical data to the medical staff, post-graduate students or Municipal authorities, etc.

(2) Infectious Hepatitis O. P. D.

For treating mild cases of infectious hepatitis, not requiring hospitalization, a small O.P.D. was established from 29th August 1966. The Outpatients attendance during 1974 was 8133.

(3) Portable X-Ray Machine

A portable X-Ray machine purchased in 1971, was used for X-Ray work.

(4) The recognition by University

The University of Bombay has recognised 14 posts of housemen, 10 in General Medicine and 4 in Paediatric medicine for M. D. degree examination. They were created by holding in abeyance 5 posts of Junior Medical Assistants and 9 posts of Medical Assistants, to enable them to keep terms for postgraduate qualifications.

Initially 3 posts of Housemen (2 in Medicine and 1 in Paediatrics) were filled in from 1-2-1971 to 31-7-1971 and 5 posts (3 in medicine and 2 in Paediatrics) from 1-7-1971 to 31-1-1972 and 10 posts (6 in medicine and 4 in Paediatrics) from 1-2-1972 onwards, and 14 posts (10 in medicine and 4 in Paediatrics) from 1-8-1973 onwards.

(5) Operation Theatre

A well-equipped new operation theatre is now being kept ready. It will start functioning soon. Dr. J. S. Shah, formerly Honorary Consulting Surgeon at this Hospital was appointed from 1-9-1971 as Honorary Surgeon. This arrangement was made to avoid transfer of patients for major operations such as intestinal perforation, etc., to B. Y. L. Nair Hospital or K. E. M. Hospital.

(6) Laboratory

The laboratory has been upgraded with the functioning of the Departments like Microbiology, Chemical Pathology and Clinical pathology. The laboratory was placed under Dr. (Smt.) Prema Murty, B. Sc. (Hons), M.D., Professor of Pathology of T. N. M. College. She attended the laboratory daily. The work was carried out under her direct supervision and control. As she proceeded on leave from 1-10-1974, Dr. U. Antani, M.D., Professor of Microbiology and Pathology, T.N.M. College was appointed to look after the duties of Professor of Pathology of this hospital in addition to his own.

Though all the investigations are carried out, microbiology section requires an ANIMAL House to carry out further investigations. The functioning of the animal house is a must for the bacteriological department. Maintenance of the animal house will be useful in future for a Virological section to. A small beginning has, therefore, been made by keeping a few animals like rats, mice, etc. and hope to expand later on.

(7) Pharmacy Department

Kasturba Hospital being an infectious Diseases Hospital, emergencies are more frequent requiring infusion of saline to the patients in large quantities. As the Corporation has to spend a huge sum on the purchase of such fluids from market a Pharmacy Department has been established since 1972 at Kasturba Hospital for the manufacture of Saline and other injectables.

During the year an animal house with 40 rabbits has been started for testing the products manufactured at the Pharmacy Department.

The analysis of finished product is also carried on in the department. Analysis of raw materials also will be done at this department shortly.

50 bottles of normal saline or Dextrose are daily manufactured and as soon as power is made available to this department, the production will be adequately stepped up. Preliminary equipments have already been installed.

(8) Dietitian

In order to draw out special types of diets for patients suffering from various Infectious Diseases admitted at this hospital and to educate patients to adjust themselves to particular type of diet required by them, etc. one post of dietitian was created and filled in from 18-7-1973.

(9) Immunization Centre

At the immunization centre, 1804 persons were immunized against Diphtheria, 3491 against Enteric Fever, 5670 against cholera and 430 primary and 5752 re-vaccinations against smallpox.

Admissions

23665 patients suffering from various acute infectious and communicable diseases, except Tuberculosis and Leprosy and Rabies, were admitted to the hospital, as against 33395 during the previous year. They included 598 cases of Enteric Fever, 739 of Diphtheria, 1842 of Infectious Hepatitis.

The daily average number of patients was 497. The fatality rate in the total admissions was 3.4 per cent.

Smallpox

Due to progressive eradication measures only 16 cases were admitted to this hospital, 6 of which died giving a case fatality rate of 37.5 per cent. In total of 16 cases admitted, 9 cases were imported from upcountry, 7 were from Greater Bombay. June 1974 was the month of more admissions.

Diphtheria

Of the total 3203 cases admitted, 739 were positive for diphtheria and 2464 were found negative, on laboratory investigations. 46 cases proved fatal, of which 35 were those admitted in moribund condition i.e. died within 48 hours of admission. The case fatality rate was 6.2 per cent. The operation of Tracheotomy was required to be performed at this hospital in 27 cases of Diphtheria with Laryngeal Obstruction, 15 of whom succumbed to the disease. Of the 7 cases, transferred to this hospital from general hospitals, after tracheotomy was performed, 1 was discharged and 2 expired and four transferred back to General Hospital. Cases admitted were from all parts of Greater Bombay, predominantly from Byculla, Parel, Lalbajim, Sewri, Matunga, Mahim, Sion and Bandra and Andheri (E and W. Wards).

Broad-spectrum antibiotic viz. Erythromycin, along with steroids particularly hydrocortisone and dexamaethesone were administered in secondary laryngeal and Bull's neck variety of cases with severe toxæmia. These anti-biotics and steroids helped reduce the incidence of Tracheotomy operation and fatality rate which is mainly due to myocarditis.

The highest incidence was in the age-group of 2-5 years. The youngest patient admitted was a male child of one month and the eldest patient was a male of 67 years, and both were discharged cured.

Enteric Fever

Admissions numbered 598 as against 1600 during the previous year. All these cases were confirmed by isolation of organism from clot culture and/or widel test in rising titre. There were 428 cases of typhoid and 170 of para-typhoid fever.

August 1974 was the month of peak admissions.

Meningeal symptoms developed in 5 cases and 10 cases had a relapse. 6 cases in which sign of intestinal perforation and acute abdomen were detected, were transferred to General Hospitals for further treatment.

4 cases proved fatal giving a case fatality rate of 0.7 per cent.

Incidence was highest in the age-group of 21-30 years. The youngest patient admitted was a female child of 6 months and the eldest was 78 years old female. Both were discharged cured.

Cholera and Plague :—There were no cases of cholera or plague.

C. S. Fever :—There was no case of C. S. Fever.

Anterior Polio myelitis :—Of the 484 cases admitted, 28 were of bulbar variety, 425 of spinal variety and 13 of spino-bulbar variety. Of the 40 cases proved fatal, 14 belonged to spinal variety, 23 to bulbar variety and 3 to spinobulbar variety. 26 deaths occurred within 48 hours of admission among those that were admitted in a moribund condition. The highest incidence of the disease was in the age group of 1 to 4 years. The youngest patient admitted was a 3 months old female child. The eldest patient was a 10 years old male child. Both were discharged cured.

Whooping Cough.—All the 15 cases admitted were discharged cured. Age incidence varied between 1 and 4 years. Male children were predominant.

Infectious Hepatitis.—Out of 1842 cases, 82 proved fatal. All deaths were due to coma, 30 deaths were within 48 hours of admission among those that were admitted in a moribund condition.

Other diseases.—Of the 1038 cases of measles, 505 of Mumps and 1931 of Chickenpox admitted, 62 of measles and 2 of mumps and 10 of chickenpox proved fatal. Majority of the cases were from children's homes, convents, etc. The deaths were generally due to the complications of Broncho-Pneumonia and Encephalitis.

Paying Beds.—The paying beds started in November 1966, were continued to be taken advantage of in large numbers by the members of the public.

Clinical Laboratory.—The investigations carried out in the laboratory numbered 70,379 and blood transfusions were 61.

The Welfare Centre.—The Welfare Centre for the labour staff carried out its activities satisfactorily.

Teaching.—Instructions in Infectious Diseases were given to 690 including Undergraduates of M.B.B.S., G.F.A.M., B.A.M.S., Ayurvedic, Homoeopathic and 61 post-graduate students Preparing for the examination of Diploma in Child health and Diploma in Public Health.

Student nurses, Nurses, Health Visitors, etc., from different institutions in Greater Bombay were also given instructions in nursing management of infectious diseases. The Medical Officer continued to be the External Lecturer for student nurses in Infectious and Tropical disease, at J. J. Hospital. 184 interns were given training in Infectious Diseases. Members of the medical staff took advantage of medical library and the recreation facilities provided at the hospital.

Blood Transfusion.—Instead of supplying donors, sealed bottles containing blood of different groups, supplied by the Bombay City Red Cross blood Transfusion Service were stored in the Laboratory so that blood was available for transfusion any time. The blood bank at the Nar Hospital had the major share in supplying blood during emergencies. Joint Council Meeting of Nursing Staff. Joint Council for Nursing staff consisting of 11 members (5 from administration and 5 from Nursing staff and Labour Officer as an ex-officio under the rules) to discuss general aspects and principles governing collection of services, etc., was formed. 3 meetings were held during the year.

Nurses, Welfare Fund.—The total amount received during the year was Rs. 726.25 (a) Subscription from the members of the nursing staff Rs.426.00 (b) as a donation Rs.300.25). One excursion of the nursing staff at Tansa-Vaitara was arranged on 6-10-1974 and 13-10-1974. The expenditure was Rs. 1,931.11. The balance to the credit of the fund at the end of the year was Rs. 1,560.58,

Expenditure.—The total expenditure during the year was Rs. 61,25,725 as against Rs. 56,68,546 during the previous year.

VIII.—VACCINATION

Smallpox was practically absent in Greater Bombay. The Greater Bombay was declared to be an area of compulsory protection from Smallpox throughout the year by Government of Maharashtra. The vaccination drive was continued on mass scale. There were in all 130 vaccinators and 10 supervisors were working in the Greater Bombay. During the year, another 81 vaccinators and 86 supervising vaccinators were appointed under the scheme of National Smallpox Eradication Programme. They carried out mass vaccination at the big establishments, such as mills, factories, schools colleges, etc. Response to the scheme was excellent. 49,76,704 persons (205,874 primary and 47,70,830 re-vaccinations) were vaccinated. Among the children primary vaccinated, 1,75,018 were Bombay-born.

The Municipal Commissioner has created 50 more posts of Vaccinators for the period of six months to carry out the mass vaccination on mobile basis. They were appointed in November 1974. The World Health Organisation also has taken active part in the state-wide active search to trace out the smallpox cases. This active search was carried out in the area of Greater Bombay in December 1974.

In this year, neo-natal vaccinations were carried out with vigour.

Out of 85 permanent Public Vaccination Stations, 7 functioned daily, 8 twice a week and the remaining for 3 hours a week, by rotation. On an average, 19 permanent Public Vaccination Stations functioned daily.

Results of the vaccination were verified on the 8th day of vaccination operation. Four certificates of Vaccination were issued on the ground of ill health. 10 cases of Tetanus, following primary vaccinations due to complication were admitted to the Municipal hospitals for treatment. All cases proved fatal. 28 medical students and 339 candidates who joined vaccination course were imparted theoretical instructions and practical training in vaccination.

6,105 pilgrims who proceeded to Haj were vaccinated. Certificates in international health certificate forms were issued to them.

M. K. VAIDYA,
Executive Health Officer.

SUMMARY OF STATISTICS FOR THE YEAR 1974

		CITY	SUBURBS	EXTENDED SUBURBS	GREATER BOMBAY
(1) Area of Greater Bombay and Island in Sq. Kms.		68.71	192.33	176.67	603
(2) Density of Population per Sq. Kms. (1971 Census)		44,679	11,266	4,150	9,901
(3) Population	Census of 1971	30,70,378	21,66,864	7,33,333	59,70,575
	Mid-year estimated	31,49,000	27,32,000	9,32,000	68,13,000
(4) Total live births registered		80,101	67,377	31,545	1,79,023
(5) Birth rate per 1,000 population.	Census of 1971	26.1	31.1	43.0	29.9
	Mid-year estimated	25.4	24.7	33.8	26.3
(6) Total deaths		33,942	19,955	7,782	61,679
(7) Death rate per 1,000 population	Census of 1971	11.1	9.2	10.6	10.3
	Mid-year estimated	10.8	7.3	8.3	9.1
(8) Total deaths among infants (under 1 year)		6,336	4,861	1,926	13,123
(9) Infant deaths per 1,000 live births		79.1	72.1	61.1	73.3
(10) Maternal deaths		31	22	10	63
(11) Maternal death rate per 1,000 live births		0.4	0.3	0.3	0.4
(12) Still births		2,510	2,121	1,034	5,665
(13) Plague	Deaths	...	...	...	...
(14) Cholera	Deaths	...	...	...	...
(15) Smallpox	Deaths	6	1	...	7
	Death rate	0.0	...	...	0.0
(16) Influenza	Deaths	...	...	...	...
	Death-rate	...	...	...	...
(17) Tuberculosis	Deaths	5,011	2,077	809	7,897
	Death-rate	1.6	0.9	0.9	1.2
(18) Acute Anterior Poliomyelitis.	Deaths	36	15	2	53
	Death rate	0.0	0.0	0.0	0.0
(19) Diphtheria	Deaths	29	19	5	53
	Death rate	0.0	0.0	0.0	0.0
(20) Typhoid	Deaths	51	15	7	73
	Death rate	0.0	0.0	0.0	0.0

TABLE I

METEOROLOGICAL DATA (GOVERNMENT OBSERVATORY, COLABA)

Latitude: 18° 54' North

Longitude: 72° 49' E

Months	Mean Wind Direction		Mean Speed in Kms. per hour at 0830 hrs. I.S.T.	TEMPERATURE (°C)						Mean Barom. r.c. Pressure (in Millibars) Stn. Level or corrected to 2850 Absolute		Mean relative Humidity in %		Rain fall (mm)				Number of rainy days.		
	At 0830 hrs. I.S.T.	At 1730 hrs. I.S.T.		Mean Maximum temperature	Departure from normal	Highest in the month	Minimum temperature (Mean)	Departure from normal	Lowest in month	At 0830 hrs. I.S.T.	At 1730 hrs. I.S.T.	At 0830 hrs. I.S.T.	At 1730 hrs. I.S.T.	Total rainfall for the month in Millimeters	Departure from normal (mm)	Highest fall in one day			Minimum fall in one day	
																Mm.	Date		Mm.	Date
1974—																				
January	N 47 E	N 36 W	7.1	29.6	+0.5	34.4	18.9	-0.5	14.7	1012.1	1009.5	79	62	0.0	-2.0	0.0	...	0.0	...	0
February	N 25 E	N 34 W	9.1	29.0	-0.5	34.0	19.5	-0.8	14.8	1011.4	1008.7	65	57	0.0	-1.1	0.0	...	0.0	...	0
March	N 71 E	N 59 W	7.8	31.5	+0.5	34.5	23.0	+0.3	21.0	1010.2	1007.1	77	60	0.0	-0.4	0.0	...	0.0	...	0
April	N 32 E	N 57 W	9.0	32.9	+0.6	34.5	25.8	+0.7	23.0	1008.4	1004.9	75	66	28.2	+25.4	25.0	22	3.2	13	2
May	S 73 W	N 88 W	8.3	33.0	-0.3	34.2	26.3	-0.6	24.0	1006.7	1004.0	77	69	27.3	+11.3	15.6	20	0.1	28	3
June	S 60 W	S 72 W	11.4	32.7	+0.8	34.2	26.5	+0.2	23.8	1004.3	1002.5	79	78	184.7	-335.6	36.0	24	-0.1	7	12
July	S 63 W	S 74 W	8.6	29.7	-0.1	31.7	25.2	+0.1	23.3	1002.1	1000.4	90	86	1441.3	+731.8	575.6	5	0.2	17.26	20
August	S 80 W	S 78 W	11.5	30.0	+0.5	31.0	24.6	-0.2	23.0	1004.2	1002.5	88	81	532.8	+93.5	184.3	4	0.2	20.26	22
September	N 77 E	N 82 W	7.0	31.2	+1.1	33.2	24.9	+0.2	22.9	1006.9	1004.0	86	76	147.5	-149.5	27.5	11	0.2	22	14
October	N 82 E	N 81 W	5.8	31.8	-0.8	32.5	24.8	+0.2	23.1	1008.1	1005.6	89	74	110.8	+22.8	19.6	4	1.2	26	11
November	N 32 E	N 66 W	6.5	31.9	-0.4	34.8	21.4	-1.4	19.7	1012.0	1009.0	75	57	0.0	-20.6	0.0	...	0.0	...	0
December	N 31 E	N 53 W	6.5	30.3	-0.6	33.4	20.0	-0.8	17.3	1013.8	1011.0	75	63	0.0	-2.2	0.0	...	0.0	...	0

Total Rainfall during the year = 2472.6 mm.

Departure from Normal = +373.4 mm.

Rainy day: A day on which 2.5 mm. or more of rain is recorded.

TABLE 2

METEOROLOGICAL DATA (GOVERNMENT OBSERVATORY, SANTACRUZ, BOMBAY)

Latitude : 19° 07' N

Longitude : 72° 51' E

Months	Wind			TEMPERATURE (°C)						Mean Barometric Pressure (in Millibars) Stn. Level corrected to 285° Absolute		Mean relative Humidity in %		Rain fall (mm)							
	Mean Direction		Mean Speed in Kms. per hour at 0830 hrs. I. S. T.	Mean Maximum temperature	Departure from normal	Highest in the month	Minimum temperature (Mean)	Departure from normal	Lowest in month	At 0830 hrs. I. S. T.	At 1730 hrs. I. S. T.	At 0830 hrs. I. S. T.	At 1730 hrs. I. S. T.	Total rainfall for the month in Millimeters	Departure from normal (mm)	Highest fall in one day		Minimum fall in one day		Number of rainy days.	
	At 0830 hrs. I. S. T.	At 1730 hrs. I. S. T.														Mm.	Date	Mm.	Date		
1974—																					
January	N 56 E	N 48 W	7.1	31.5	+0.9	35.8	16.1	-0.2	11.4	1012.0	1009.2	67	50	0.0	-0.1
February	N 27 E	N 37 W	9.1	31.3	-0.3	35.4	17.3	+0.4	12.4	1011.4	1008.2	53	41	0.0	-0.9
March	N 45 E	N 48 W	7.5	33.8	+1.0	38.7	21.4	+1.2	17.5	1010.1	1006.6	64	50	0.0	-0.1
April	N 45 W	N 54 W	9.9	34.1	+0.8	38.4	24.3	+0.5	22.4	1008.2	1004.3	69	59	9.2	+8.8	7.2	22	2.0	23	1	
May	S 73 W	N 68 W	10.3	33.2	+0.0	35.0	26.0	-0.2	21.6	1006.5	1003.5	73	66	34.3	+14.3	19.4	27	0.2	21	3	
June	S 65 W	S 81 W	14.5	32.7	+1.0	33.5	26.7	+0.8	23.5	1003.9	1001.8	76	70	119.0	-528.5	22.7	30	1.0	5,15	10	
July	S 49 W	S 75 W	10.2	29.5	-0.1	31.0	24.9	-0.1	21.2	1001.6	999.8	90	86	1065.3	+119.9	375.2	5	0.5	25	24	
August	S 72 W	N 86 W	10.3	29.8	+0.7	30.7	24.5	-0.1	23.2	1003.8	1002.0	88	81	535.2	-125.2	103.1	5	0.3	27	26	
September	S 45 E	N 68 W	5.8	31.2	+1.3	33.8	24.4	+0.5	22.7	1006.6	1003.5	86	74	218.5	+97.6	22.8	11	0.1	17	18	
October	N 86 E	N 69 W	4.4	31.5	-0.9	32.8	23.8	+0.9	21.0	1007.7	1005.1	87	76	164.1	+47.1	32.1	17	0.6	23	10	
November	N 74 E	N 43 W	5.6	32.1	-1.0	33.6	17.8	-2.0	14.5	1011.7	1008.3	57	53	0.0	-7.2	...	...	...	...	0
December	N 78 E	N 11 W	5.9	31.0	-1.1	33.0	17.1	+0.6	14.3	1013.4	1010.3	63	53	0.0	-0.9	...	...	...	...	0

Total Rainfall during the year = 2145.6 Departure from normal = -563.5 mm.

Rainy day: A day on which 2.5 mm. or more of rain is recorded.

TABLE 3
VITAL STATISTICS (1900 to 1974)

Year	Births	Rate	Deaths	Rate	Infant Mortality	Rate	Maternal Mortality	Rate
Old City Limits—								
1900	12,698	15.4	79,350	96.6	13,492	533.5	237	16.1
1910	19,939	20.4	34,933	35.7	8,253	413.9	394	18.3
1920	19,731	23.1	45,839	46.8	10,896	552.2	427	21.6
1930	26,329	19.5	27,552	21.2	7,506	296.3	189	6.9
1940	33,833	33.4	29,100	25.0	7,823	201.4	166	4.0
1950	60,597	26.0	34,285	14.7	9,191	151.6	109	1.7
1960	1,07,383	35.7	40,484	13.5	10,221	95.2	155	1.5
1970	1,61,312	28.3	55,898	9.8	12,994	80.6	89	0.6
Greater Bombay—								
1964	1,32,592	29.2	45,161	9.9	11,355	85.6	133	1.0
1965	1,42,781	30.7	54,223	11.7	13,739	96.2	163	1.1
1966	1,47,936	30.9	50,492	10.6	12,660	85.5	159	1.1
1967	1,53,230	31.3	56,701	11.6	14,118	92.1	115	0.7
1968	1,56,890	29.2	50,439	9.4	12,602	80.3	130	0.8
1969	1,59,571	28.8	54,831	9.9	13,506	84.6	102	0.6
1970	1,61,312	28.3	55,898	9.8	12,994	80.6	89	0.6
1971	1,64,293	27.2	57,245	9.5	12,973	79.0	90	0.5
1972	1,67,821	26.7	58,549	9.3	13,445	80.1	101	0.6
1973	1,80,409	27.5	61,931	9.5	13,976	77.5	89	0.5
1974	1,79,023	26.3	61,679	9.1	13,123	73.3	63	0.4

TABLE 4
GREATER BOMBAY
BIRTHS BY MONTHS 1973-74

Year	MONTHS												Total
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1973	12,632	11,237	11,749	12,536	13,256	14,559	13,035	13,159	15,737	17,005	21,080	24,424	1,80,409
1974	14,462	11,314	10,221	11,468	11,080	13,647	17,391	17,224	16,069	18,181	19,219	21,747	1,79,023

TABLE 5
PERCENTAGE TO THE TOTAL MORTALITY BY THE AGE PERIOD IN 1972, 1973 and 1974.

Age Period	1972		1973		1974			Percentage to total Mortality
	Deaths	Percentage to total Mortality	Deaths	Percentage to total Mortality	Male	Female	Persons	
Under 1 year	13,445	23.0	13,976	22.6	7,076	6,047	13,123	21.3
1 to 4 years	6,254	10.7	6,960	11.2	3,001	3,522	6,523	10.6
5 to 14 years	2,366	4.0	2,312	3.7	1,321	1,078	2,399	3.9
15 to 24 years	3,156	5.4	3,263	5.3	2,213	1,358	3,571	5.8
25 to 44 years	8,899	15.2	9,494	15.3	6,985	2,914	9,899	16.0
45 to 64 years	11,570	19.8	12,424	20.1	9,705	3,232	12,937	21.0
65 to 74 years	6,116	10.4	6,400	10.3	3,996	2,258	6,254	10.1
Age unspecified	...	...	...	...	3,374	3,599	6,973	11.3
Total	58,549	100.0	61,931	100.0	37,671	24,008	61,679	100.0

TABLE 6

Statement showing the No. of Live Births in each age group of mothers in each order of Live Births in Greater Bombay.

ORDER OF BIRTH

Age of Mother	1			2			3			4			5			6			7			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Below 15	...	16	7	23	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15-19	...	4,740	4,374	9,114	874	667	1,541	327	177	504	110	39	149	34	27	61	21	7	23	...	...	...
20-24	...	11,910	10,419	22,359	10,815	9,772	20,587	5,429	3,886	9,315	2,226	1,829	4,055	1,203	1,153	2,356	338	274	612	116	110	226
25-29	...	9,319	8,135	17,535	9,080	8,948	18,028	6,005	5,196	11,201	4,226	2,987	7,213	2,286	1,821	4,107	603	433	1,036	138	113	251
30-34	...	2,547	1,859	4,408	3,148	2,858	6,006	5,396	4,207	9,603	4,181	3,154	7,335	2,561	2,428	4,989	793	842	1,635	427	358	785
35-39	...	1,395	1,218	2,613	534	345	879	904	717	1,621	746	492	1,238	1,092	874	1,966	529	383	912	331	292	623
40-44	...	40	27	67	61	42	103	68	69	137	71	51	122	135	66	201	46	38	84	37	26	63
45 and over	...	8	8	16	12	6	18	9	6	15	12	12	24	14	8	22	13	8	21	10	9	19
Information not available	...	126	64	190	96	47	143	53	40	93	54	35	89	21	9	30	13	12	25	12	3	15
Total	...	33,133	25,192	56,325	24,620	22,687	47,307	18,191	14,298	32,489	11,626	8,599	20,225	7,346	6,386	13,732	2,356	1,597	4,353	1,071	911	1,982

8			9			10			11			12			Higher Order Birth			Information not available			Total			
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	9	25
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	89	61	150	6,195	5,352	11,547
5	7	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	213	193	406	32,255	27,673	59,928
36	21	57	15	6	21	3	6	9	5	1	6	1	...	1	3	1	4	137	173	310	31,887	27,892	59,779	
116	87	203	56	29	85	23	18	41	7	4	11	4	3	7	3	1	4	90	41	131	19,354	15,889	35,243	
148	101	249	147	136	283	31	16	47	11	7	18	8	4	12	2	...	2	198	89	287	6,076	4,674	10,750	
69	33	107	19	12	31	6	16	22	4	10	14	...	1	1	1	...	1	4	2	6	561	398	959	
6	9	15	5	1	6	1	...	1	2-13th 1-15th	3	1	4	9	7	16	102	75	177
8	3	11	2	3	5	2	...	2	1	1	2	2	1	3	...	1	1	4	4	2	6	394	221	615
388	256	644	244	187	431	66	56	122	28	23	51	15	9	24	12	4	16	744	568	1,312	96,840	82,183	1,79,023	

TABLE 7
Deaths by Ages and Months.

AGE PERIODS																						
Months.	Under one day	1 day	2 days	3 days	4 days	5 days	6 days	7-13 days	14-20 days	21-27 days	28 days to 2 months.	2 months	3 months	4 months	5 months	6 months	7 months	8 months	9 months	10 months	11 months	Total
January ...	103	84	51	43	36	28	21	96	59	28	98	77	53	35	32	33	12	15	23	7	21	955
February	150	62	37	32	29	16	13	94	53	20	69	57	49	30	24	24	8	15	19	19	9	829
March ...	138	67	38	37	23	17	20	79	44	20	68	51	34	44	28	39	17	24	22	25	9	844
April ...	161	37	46	32	37	15	25	85	56	30	71	47	49	34	35	43	34	28	29	16	14	924
May ...	178	52	34	23	19	15	14	92	59	22	61	44	32	27	27	46	31	35	21	22	13	889
June ...	202	72	47	42	27	27	33	83	69	27	79	58	41	41	34	52	34	38	31	25	21	1083
July ...	198	83	56	74	33	33	34	135	62	39	93	58	55	36	26	51	37	46	48	35	24	1256
August ...	272	83	59	67	48	36	40	112	74	46	125	76	76	46	42	56	33	54	48	37	24	1454
September	219	78	57	45	39	38	26	118	100	37	123	69	67	34	27	47	18	26	30	43	27	1268
October...	211	78	66	51	36	30	34	151	99	42	131	72	62	38	28	39	20	27	42	36	20	1313
November	178	75	54	56	33	22	22	115	90	34	96	63	49	38	38	51	19	43	30	28	23	1157
December	140	74	55	40	27	31	20	132	90	31	123	79	55	39	33	59	32	24	36	21	30	1171
Total ...	2150	845	600	544	387	308	302	1292	855	376	1137	751	622	442	374	540	295	375	379	314	235	13123

TABLE 8
Deaths by Ages and Months.

Months	Age									Total of all ages	Average of previous five years (1969 to 1973)
	Under 1 year	1-4 years	5-14 years	15-24 years	25-44 years	45-64 years	65-74 years	75 years and over	Ages unspecified.		
January	955	344	151	230	744	1,000	523	568	...	4,515	4,343
February	829	315	138	267	726	1,088	518	590	...	4,471	4,364
March	844	339	173	255	800	977	454	515	...	4,407	4,651
April	924	420	190	271	811	1,026	457	511	...	4,610	4,505
May	869	438	163	273	701	868	450	451	...	4,213	4,693
June	1,083	493	196	298	816	989	474	526	...	4,875	4,778
July	1,256	621	198	322	811	1,097	538	587	...	5,430	5,052
August	1,454	710	270	330	950	1,264	571	641	...	6,190	4,574
September	1,268	642	220	316	814	1,111	509	591	...	5,471	5,568
October	1,313	649	238	349	962	1,135	540	642	...	5,828	4,913
November	1,157	679	208	312	841	1,099	580	641	...	5,497	4,968
December	1,171	823	254	348	923	1,303	640	710	...	6,172	5,281
Total	13,123	6,523	2,399	3,571	9,899	12,937	6,254	6,973	...	61,679	57,690

TABLE 9
Deaths and Death rates from Epidemic and Principal Causes, 1974

Causes of Death	Average of year 1969-73		1973		1974		
	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate	
<i>Principal Epidemic Diseases</i>							
Smallpox	...	6	0.0	3	0.0	7	0.0
Measles	...	222	0.0	268	0.0	165	0.0
Plague	
Enteric Fever	...	61	0.0	60	0.0	73	0.0
Malaria Fever	
Influenza	
Cholera	
Dysentery	...	383	0.1	353	0.1	245	0.0
Diphtheria	...	99	0.0	83	0.0	53	0.0
<i>Other Principal Diseases</i>							
Tuberculosis	...	6,273	1.0	6,951	1.1	7,897	1.2
Meningococcal Infection	
Diseases of nervous system	...	1,443	0.2	1,061	0.2	881	0.1
Diseases of Respiratory system	...	10,413	1.7	12,428	1.9	11,160	1.6
Diarrhoea & Enteritis	...	3,671	0.6	3,572	0.3	3,126	0.5
Purperal State	...	87	0.0	77	0.0	62	0.0
Congenital Debility & Diseases of early infancy	...	6,017	1.0	5,958	0.9	5,771	0.8
Senility Without mention of psychosis	...	3,081	0.5	1,214	0.2	1,135	1.2
Violence	...	3,731	0.6	4,387	0.7	4,792	0.7
Other causes.	...	22,203	3.7	25,511	3.9	26,312	3.9
		57,690	9.6	61,931	9.5	61,679	9.1

TABLE 10
Deaths by Months 1973-74

Year	MONTHS												Total
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1973	4,689	5,160	5,482	5,120	4,818	5,076	4,713	5,107	5,356	5,547	5,525	5,258	61,931
1974	4,515	4,471	4,407	4,610	4,213	4,875	5,430	6,190	5,471	5,828	5,497	6,172	61,679

TABLE II

Deaths by Localities and causes in Greater Bombay 1973.

CLASSIFICATION NUMBER	WARDS																												WARDS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18(a)	B18(b)	B19	B20	B21	B22	B23	B24	B25	B26	B27		B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44(a)	B44(b)	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B66	B67	B68	B69	B70	B71	B72	B73	B74	B75	B76	B77	B78	B79	B80	B81	B82	B83	B84	B85	B86	B87	B88	B89	B90	B91	B92	B93	B94	B95	B96	B97	B98	B99	B100	B101	B102	B103	B104	B105	B106	B107	B108	B109	B110	B111	B112	B113	B114	B115	B116	B117	B118	B119	B120	B121	B122	B123	B124	B125	B126	B127	B128	B129	B130	B131	B132	B133	B134	B135	B136	B137	B138	B139	B140	B141	B142	B143	B144	B145	B146	B147	B148	B149	B150	B151	B152	B153	B154	B155	B156	B157	B158	B159	B160	B161	B162	B163	B164	B165	B166	B167	B168	B169	B170	B171	B172	B173	B174	B175	B176	B177	B178	B179	B180	B181	B182	B183	B184	B185	B186	B187	B188	B189	B190	B191	B192	B193	B194	B195	B196	B197	B198	B199	B200	B201	B202	B203	B204	B205	B206	B207	B208	B209	B210	B211	B212	B213	B214	B215	B216	B217	B218	B219	B220	B221	B222	B223	B224	B225	B226	B227	B228	B229	B230	B231	B232	B233	B234	B235	B236	B237	B238	B239	B240	B241	B242	B243	B244	B245	B246	B247	B248	B249	B250	B251	B252	B253	B254	B255	B256	B257	B258	B259	B260	B261	B262	B263	B264	B265	B266	B267	B268	B269	B270	B271	B272	B273	B274	B275	B276	B277	B278	B279	B280	B281	B282	B283	B284	B285	B286	B287	B288	B289	B290	B291	B292	B293	B294	B295	B296	B297	B298	B299	B300	B301	B302	B303	B304	B305	B306	B307	B308	B309	B310	B311	B312	B313	B314	B315	B316	B317	B318	B319	B320	B321	B322	B323	B324	B325	B326	B327	B328	B329	B330	B331	B332	B333	B334	B335	B336	B337	B338	B339	B340	B341	B342	B343	B344	B345	B346	B347	B348	B349	B350	B351	B352	B353	B354	B355	B356	B357	B358	B359	B360	B361	B362	B363	B364	B365	B366	B367	B368	B369	B370	B371	B372	B373	B374	B375	B376	B377	B378	B379	B380	B381	B382	B383	B384	B385	B386	B387	B388	B389	B390	B391	B392	B393	B394	B395	B396	B397	B398	B399	B400	B401	B402	B403	B404	B405	B406	B407	B408	B409	B410	B411	B412	B413	B414	B415	B416	B417	B418	B419	B420	B421	B422	B423	B424	B425	B426	B427	B428	B429	B430	B431	B432	B433	B434	B435	B436	B437	B438	B439	B440	B441	B442	B443	B444	B445	B446	B447	B448	B449	B450	B451	B452	B453	B454	B455	B456	B457	B458	B459	B460	B461	B462	B463	B464	B465	B466	B467	B468	B469	B470	B471	B472	B473	B474	B475	B476	B477	B478	B479	B480	B481	B482	B483	B484	B485	B486	B487	B488	B489	B490	B491	B492	B493	B494	B495	B496	B497	B498	B499	B500	B501	B502	B503	B504	B505	B506	B507	B508	B509	B510	B511	B512	B513	B514	B515	B516	B517	B518	B519	B520	B521	B522	B523	B524	B525	B526	B527	B528	B529	B530	B531	B532	B533	B534	B535	B536	B537	B538	B539	B540	B541	B542	B543	B544	B545	B546	B547	B548	B549	B550	B551	B552	B553	B554	B555	B556	B557	B558	B559	B560	B561	B562	B563	B564	B565	B566	B567	B568	B569	B570	B571	B572	B573	B574	B575	B576	B577	B578	B579	B580	B581	B582	B583	B584	B585	B586	B587	B588	B589	B590	B591	B592	B593	B594	B595	B596	B597	B598	B599	B600	B601	B602	B603	B604	B605	B606	B607	B608	B609	B610	B611	B612	B613	B614	B615	B616	B617	B618	B619	B620	B621	B622	B623	B624	B625	B626	B627	B628	B629	B630	B631	B632	B633	B634	B635	B636	B637	B638	B639	B640	B641	B642	B643	B644	B645	B646	B647	B648	B649	B650	B651	B652	B653	B654	B655	B656	B657	B658	B659	B660	B661	B662	B663	B664	B665	B666	B667	B668	B669	B670	B671	B672	B673	B674	B675	B676	B677	B678	B679	B680	B681	B682	B683	B684	B685	B686	B687	B688	B689	B690	B691	B692	B693	B694	B695	B696	B697	B698	B699	B700	B701	B702	B703	B704	B705	B706	B707	B708	B709	B710	B711	B712	B713	B714	B715	B716	B717	B718	B719	B720	B721	B722	B723	B724	B725	B726	B727	B728	B729	B730	B731	B732	B733	B734	B735	B736	B737	B738	B739	B740	B741	B742	B743	B744	B745	B746	B747	B748	B749	B750	B751	B752	B753	B754	B755	B756	B757	B758	B759	B760	B761	B762	B763	B764	B765	B766	B767	B768	B769	B770	B771	B772	B773	B774	B775	B776	B777	B778	B779	B780	B781	B782	B783	B784	B785	B786	B787	B788	B789	B790	B791	B792	B793	B794	B795	B796	B797	B798	B799	B800	B801	B802	B803	B804	B805	B806	B807	B808	B809	B810	B811	B812	B813	B814	B815	B816	B817	B818	B819	B820	B821	B822	B823	B824	B825	B826	B827	B828	B829	B830	B831	B832	B833	B834	B835	B836	B837	B838	B839	B840	B841	B842	B843	B844	B845	B846	B847	B848	B849	B850	B851	B852	B853	B854	B855	B856	B857	B858	B859	B860	B861	B862	B863	B864	B865	B866	B867	B868	B869	B870	B871	B872	B873	B874	B875	B876	B877	B878	B879	B880	B881	B882	B883	B884	B885	B886	B887	B888	B889	B890	B891	B892	B893	B894	B895	B896	B897	B898	B899	B900	B901	B902	B903	B904	B905	B906	B907	B908	B909	B910	B911	B912	B913	B914	B915	B916	B917	B918	B919	B920	B921	B922	B923	B924	B925	B926	B927	B928	B929	B930	B931	B932	B933	B934	B935	B936	B937	B938	B939	B940	B941	B942	B943	B944	B945	B946	B947	B948	B949	B950	B951	B952	B953	B954	B955	B956	B957	B958	B959	B960	B961	B962	B963	B964	B965	B966	B967	B968	B969	B970	B971	B972	B973	B974	B975	B976	B977	B978	B979	B980	B981	B982	B983	B984	B985	B986	B987	B988	B989	B990	B991	B992	B993	B994	B995	B996	B997	B998	B999	B1000	B1001	B1002	B1003	B1004	B1005	B1006	B1007	B1008	B1009	B1010	B1011	B1012	B1013	B1014	B1015	B1016	B1017	B1018	B1019	B1020	B1021	B1022	B1023	B1024	B1025	B1026	B1027	B1028	B1029	B1030	B1031	B1032	B1033	B1034	B1035	B1036	B1037	B1038	B1039	B1040	B1041	B1042	B1043	B1044	B1045	B1046	B1047	B1048	B1049	B1050	B1051	B1052	B1053	B1054	B1055	B1056	B1057	B1058	B1059	B1060	B1061	B1062	B1063	B1064	B1065	B1066	B1067	B1068	B1069	B1070	B1071	B1072	B1073	B1074	B1075	B1076	B1077	B1078	B1079	B1080	B1081	B1082	B1083	B1084	B1085	B1086	B1087	B1088	B1089	B1090	B1091	B1092	B1093	B1094	B1095	B1096	B1097	B1098	B1099	B1100	B1101	B1102	B1103	B1104	B1105	B1106	B1107	B1108	B1109	B1110	B1111	B1112	B1113	B1114	B1115	B1116	B1117	B1118	B1119	B1120	B1121	B1122	B1123	B1124	B1125	B1126	B1127	B1128	B1129	B1130	B1131	B1132	B1133	B1134	B1135	B1136	B1137	B1138	B1139	B1140	B1141	B1142	B1143	B1144	B1145	B1146	B1147	B1148	B1149	B1150	B1151	B1152	B1153	B1154	B1155	B1156	B1157	B1158	B1159	B1160	B1161	B1162	B1163	B1164	B1165	B1166	B1167	B1168	B1169	B1170	B1171	B1172	B1173	B1174	B1175	B1176	B1177	B1178	B1179	B1180	B1181	B1182	B1183	B1184	B1185	B1186	B1187	B1188	B1189	B1190	B1191	B1192	B1193	B1194	B1195	B1196	B1197	B1198	B1199	B1200	B1201	B1202	B1203	B1204	B1205	B1206	B1207	B1208	B1209	B1210	B1211	B1212	B1213	B1214	B1215	B1216	B1217	B1218	B1219	B1220	B1221	B1222	B1223	B1224	B1225	B1226	B1227	B1228	B1229	B1230	B1231	B1232	B1233	B1234	B1235	B1236	B1237	B1238	B1239	B1240	B1241	B1242	B1243	B1244	B1245	B1246	B1247	B1248	B1249	B1250	B1251	B1252	B1253	B1254	B1255	B1256	B1257	B1258	B1259	B1260	B1261	B1262	B1263	B1264	B1265	B1266	B1267	B1268	B1269	B1270	B1271	B1272	B1273	B1274	B1275	B1276	B1277	B1278	B1279	B1280	B1281	B1282	B1283	B1284	B1285	B1286	B1287	B1288	B1289	B1290	B1291	B1292	B1293	B1294	B1295	B1296	B1297	B1298	B1299	B1300	B1301	B1302	B1303	B1304	B1305	B1306	B1307	B1308	B1309	B1310	B1311	B1312	B1313	B1314	B1315	B1316	B1317	B1318	B1319	B1320	B1321	B1322	B1323	B1324	B1325	B1326	B1327	B1328	B1329	B1330	B1331	B1332	B1333	B1334	B1335	B1336	B1337	B1338	B1339	B1340	B1341	B1342	B1343	B1344	B1345	B1346	B1347	B1348	B1349	B1350	B1351	B1352	B1353	B1354	B1355	B1356	B1357	B1358	B1359	B1360	B1361	B1362	B1363	B1364	B1365	B1366	B1367	B1368	B1369	B1370	B1371	B1372	B1373	B1374	B1375	B1376	B1377	B1378	B1379	B1380	B1381	B1382	B1383	B1384	B1385	B1386	B1387	B1388	B1389	B1390	B1391	B1392	B1393	B1394	B1395	B1396	B1397	B1398	B1399	B1400	B1401	B1402	B1403	B1404	B1405	B1406	B1407	B1408	B1409	B1410	B1411	B1412	B1413	B1414	B1415	B1416	B1417	B1418	B1419	B1420	B1421	B1422	B1423	B1424	B1425	B1426	B1427	B1428	B1429	B1430	B1431	B1432	B1433	B1434	B1435	B1436	B1437	B1438	B1439	B1440	B1441	B1442	B1443	B1444	B1445	B1446	B1447	B1448	B1449	B1450	B1451	B1452	B1453	B1454	B1455	B1456	B1457	B1458	B1459	B1460	B1461	B1462	B1463	B1464	B1465	B1466	B1467	B1468	B1469	B1470	B1471	B1472

TABLE 12.

Deaths among infants from Principal Causes by Age-periods.

Age Period	Small pox.	Meas- les.	Malari- al fever.	Diarr- hoea & enteri- tis.	Dysen- tery.	Congeni- tal mal- formati- on & di- seases of early infancy.	Disea- ses of respira- tory system.	Convul- sions.	Polio myelitis	Other causes	All causes	Percentage of infants deaths to total deaths.	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Upto 7 days	1	...	85	3	3689	518	1	...	839	5136	39.1
1 to 4 Weeks	1	...	308	11	850	643	1	1	708	2523	19.2
Total under 4 weeks	...	2	...	393	14	4539	1161	2	1	1547	7659	58.3	
4 weeks to 6 months	...	10	...	617	23	593	1693	1	6	383	3326	25.4	
6 months to 12 months	1	13	...	359	8	148	658	2	8	941	2138	16.3	
Total	...	1	25	...	1369	45	5280	3512	5	15	2871	13123	100.0

TABLE 13

Infant mortality from Principal Causes (1969-1973).

Causes of death.	1969	1970	1971	1972	1973	1969 to 1973 (A)	1974 (B)	Difference between (A) & (B)	
Polyomyelitis	...	3	8	25	25	2	13	15	+2
Smallpox	...	4	...	...	...	...	...	1	+1
Measles	...	33	48	33	27	40	37	25	-12
Malarial Fever
Diarrhoea & Enteritis	...	1702	1705	1637	1793	1615	1690	1369	-221
Dysentery	...	48	71	61	68	70	63	45	-18
Congenital malformation and diseases of early infancy	...	5380	5190	5267	5163	5487	5299	5328	+29
Diseases of Respiratory systems	...	3317	3110	3144	3521	3717	3361	3512	+151
Convulsions	...	51	42	43	22	22	36	5	-31
All causes	...	13506	12994	12973	13445	13976	13378	13123	-653

TABLE 14

DEATHS OF INFANTS UNDER ONE MONTH
Neonatal Death Rate (1964 to 1974)

Year.	Birth.	Neonatal Death	Rate
1964	1,32,592	6,050	45.6
1965	1,42,781	6,740	47.2
1966	1,47,986	7,066	47.7
1967	1,53,230	7,195	46.9
1968	1,56,880	7,029	44.8
1969	1,59,571	7,521	47.1
1970	1,61,312	7,488	46.4
1971	1,64,293	7,545	45.9
1972	1,67,821	7,629	45.5
1973	1,80,409	8,030	44.5
1974	1,79,023	7,659	42.8

TABLE 15

Infant deaths and other deaths.

Age period	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Under one year	925	829	844	924	869	1,083	1,256	1,454	1,268	1,313	1,157	1,171	13,123
One year and above	3,560	3,642	3,563	3,686	3,344	3,792	4,174	4,736	4,203	4,515	4,340	5,001	48,556

TABLE 16

Cases of Notifiable Diseases reported in 1974.

Wards	Cholera	Smallpox	Plague	Enteric Fever	Diphtheria	Typhus	Puerperal Fever	Tuberculosis	Relapsing Fever	Influenza	Spinal Fever	Acute anterior Poliomyelitis	Virus encephalitis	Scarlet Fever	Infective Hepatitis	Total
A	35	27	...	...	540	...	...	...	18	...	...	61	681
B	...	1	...	53	31	...	...	577	...	...	...	12	...	...	108	782
C	29	41	...	...	858	...	...	...	9	...	...	56	993
D	...	1	...	35	45	...	...	1,842	...	...	...	15	...	...	118	2,056
E	...	2	...	161	125	...	...	3,420	...	...	...	62	...	...	365	4,135
F	85	104	...	...	4,035	...	...	...	64	...	...	228	4,518
G	126	100	...	...	2,986	...	...	...	56	...	...	306	3,574
H	...	2	...	19	58	...	...	2,372	...	...	...	37	...	...	99	2,587
K	...	2	...	15	35	...	...	1,317	...	...	...	52	...	...	76	1,497
L	14	23	...	...	1,826	...	...	...	23	...	...	71	1,957
M	13	24	...	...	881	...	...	...	28	...	...	95	1,041
N	21	25	...	...	778	...	...	...	51	...	...	90	965
P	...	1	...	7	29	...	...	479	...	...	...	20	...	...	63	599
R	23	17	...	...	167	...	...	...	10	...	...	37	254
T	7	10	...	...	569	...	...	...	12	...	...	50	648
Imported Cases.	...	10	...	5	58	...	...	834	...	...	...	30	...	...	57	994
TOTAL:—	...	19	...	748	752	...	...	23,481	...	...	...	501	...	...	1,880	27,281

TABLE 17

Reported cases of Diphtheria by months in 1974.

Disease	MONTHS												Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Diphtheria	59	88	78	43	27	48	75	81	57	67	54	75	752

TABLE 18

Reported Enteric Fever cases by months in 1974

Disease	MONTHS												Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Enteric Fever	8	9	2	10	32	41	133	196	134	41	16	26	648

TABLE 19

Tuberculosis Death Rate

Period	Annual Death Rate		
	Pulmonary	Other forms	All forms
1969-73 (Average)			
1969
1970
1971
1972
1973
1974

TABLE 20

Tuberculosis Death by Sex

Year	Deaths from pulmonary T. B.	Deaths from T. B. (other forms)	Total No. of deaths	Males	Females	Death Rate
1973	6,270	681	6,951	4,933	2,918	1.1
1974	7,145	752	7,897	5,602	2,295	1.2

TABLE 21

Wardwise break up of Malaria Positive cases with the species and classification.

Ward	No. of positive cases	Malaria Parasites				Classification			
		V.	F.	M.	Mixed	Imported	Indigenous	Untraced	Untreated**
A	48	42	6	...	...	33	6	4	...
B	21	19	2	...	...	13	2	6	...
C	41	41	...	...	...	26	8	7	...
D	62	55	6	...	1	30	15	17	...
E	137	128	7	...	2	89	32	16	...
F	100	97	3	...	...	71	10	19	...
G	154	144	10	...	...	95	31	28	...
H	50	47	3	...	...	37	2	5	6
K	75	69	5	...	1	51	7	12	5
L	51	47	4	...	...	21	16	11	3
M	117	108	9	...	...	74	26	14	3
N	87	78	7	...	2	45	19	15	8
P	58	55	3	...	...	48	5	5	...
R	170	162	6	...	2	94	67	7	2
T	78	70	6	...	2	44	17	10	7
Total	1,249	1,162	77	...	10	771	263	176	34

Abbreviations used:—V.—Vivax. F.—Falciparum. M.—Malaria.

** These cases remained to be treated as they left Bombay before administering Radical Treatment. Malaria Officers concerned of the unit were informed accordingly to give radical treatment.

TABLE 22
NATIONAL MALARIA ERADICATION PROGRAMME.

Area.	No. of fever cases detected.	No. of Persons given treatment.	NUMBER OF BLOOD SMEARS			Found Positive	PARASITE SPECIES.				NO. OF PERSONS TREATED.		EPIDEMIOLOGICAL CLASSIFICATION				
			Collected	Examined	Broken		V.	F.	M.	Mixed.	Complete	Partial	Induced	Imported	Relapse nous	Indige	Not treated
1 Active—																	
City	1610	1610	1589	1589	—	25	23	2	—	—	22	2	—	17	—	7	1
Suburbs	30680	30680	31250	31250	—	136	129	7	—	—	128	5	—	80	—	53	3
Extended Suburbs	18708	18708	19419	19419	—	87	75	9	—	—	77	4	—	59	—	22	6
Total	50998	50998	52258	52258	—	248	227	18	—	—	227	11	—	156	—	82	10
2 Passive—																	
City	137644	137644	137644	137644	—	536	502	31	—	—	435	4	—	344	—	94	98
Suburbs	68870	68870	68870	68870	—	208	196	9	—	—	166	6	—	147	—	25	36
Extended Suburbs	41680	41680	41680	41680	—	226	211	14	—	—	175	5	—	107	—	55	64
Total	248194	248194	248194	248194	—	970	909	54	—	—	775	15	—	598	—	174	198
3 Mass—																	
City	3	3	36905	36905	—	3	2	1	—	—	3	—	—	1	—	2	—
Suburbs	11	11	51457	51457	—	11	10	1	—	—	10	1	—	7	—	3	1
Extended Suburbs	17	17	61386	61386	—	17	14	3	—	—	15	2	—	14	—	2	1
Total	31	31	149748	149748	—	31	26	5	—	—	28	3	—	22	—	7	2

TABLE—23
Total confinements in Institutions in the city doing maternity work
during the year 1974.

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death emerg Mothers	No-Natal vaccination against Smallpox	B.C.G. vaccination	
* A * WARD									
1	Cama and Abless Hospital, Mahapalika Marg, Bombay I (23-11-1886)	200	3,924	110	4,034	6	2,915	3,692	
2	St. George's Hospital, near V. T. Bombay I (1879)	44	779	18	797	5	...	371	
3	Indian Naval Hospital, S. S. Aswini, Colaba, Bombay 5 (194)	50	1,226	17	1,243	2	...	850	
4	Treatment and Family Planning Centre, Madam Cama Road, Bombay I (1969)	4	119	2	121	...	250	...	
5	Parsi Lying-in-hospital, Outram Road, Bombay I (1885)	22	219	1	220	...	10	...	
6	Godfrey Clinic, 79, Dadabhai Navroji Road, off J. J. Schools of Arts (1-4-1944)	14	110	2	112	...	110	...	
7	Dr. Bacha's Memorial Bellevue Nursing Home La Citadella, Queen's Road, Marine Lines (1911)	34	55	...	55	...	...	...
8	Bombay Hospital, 12 Marine Lines, Bombay I (195.)	24	685	19	704	...	..	525
9	Dr. M.S. Shah's Maternity and General Hospital Marine Drive, Bombay I. (1952)	12	55	1	56	...	...	...
10	Colaba Maternity Home, 3rd Pasta Lane, Colaba (1-1-1948)	4	24	...	24	...	...	...
11	Northcoate Nursing Home, Ormiston Road near Taj Mahal Hotel Colaba, Bombay I. (1948)	30	31	...	31	...	...	...
12	Dr. Shethi's Maternity and Surgical Home, 3, Cuffe Parade, Bombay 5 (10-7-1966)	8	59	4	103	...	...	...
13	Dr. Adatia's Nursing and Maternity Home and Gynaec. Hospital, 278, D. N. Road, Bombay I (1-10-1957)	6	158	3	161	...	60	125	
14	Strand Maternity and Gynec. Surgery, near Strand Cinema Bombay 5 (October 1965)	7	53	1	54	...	...	...
15	Niagara Clinic, 128, Wodehouse Road, Colaba, Bombay 5 (18-11-1962)	8	48	...	48	...	...	...
16	Khatav Mikanji Maternity and Surgical Hospital, 65 Bazar Gate Street, Bombay I (1919)	25	204	3	207	...	...	...
A Ward: Total		...	492	7,739	181	7,970	13	3,345	5,553
* B * WARD									
1	Sabu Siddik Maternity Home 27, Imamwada Road, Bombay 9	19	1,123	6	1,129	...	430	1,220	
2	Laxmibai Maternity Hospital, 96, D'Souza Street, Wadgadi, Bombay 3 (1908)	30	500	8	508	...	458	474	
3	Dhanlaxmi Maternity Home, 156-188, Samuel Street Bombay 9 (1952)	16	198	4	202	...	...	...
4	H. A. N. Dholkawala Maternity Home, 58, Mohamedali Road, Bombay 3. (1929)	27	656	15	671	2	...	...
5	Haji Karim Mohamed Suleman Maternity Home, 178-183, Kambekar Street, Bombay 3 (1927)	12	401	6	407	...	100	...	
6	Rahimatbai Maternity Home, Habib Hospital, Jail Road, Dongri, Bombay 9 (27-4-1937)	20	407	19	426	...	34	...	
7	Noor Hospital, 49, Mohamedali Road, Bombay 3 (20-11-1953)	55	1,691	39	1,730	1	1,691	...	
8	Vijayalaxmi Maternity Home, Tej Kiran, Nawaraji Hill Road No. 5, Bombay 9 (28-3-1960)	8	127	5	132	...	...	...
B Ward: Total		...	187	5,103	102	5,205	3	2,763	1,694

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination
C WARD								
1	Seth Gordhadas Ranchhodas Bhagat Maternity Hospital, 267-269, Kalbadevi Road, Bombay 2 (1926) ...	45	540	14	554	...	...	...
2	Women's Clinic, 345-349 Jagannath Shankarshet Road, Bombay 2 (August 1936) ...	16	227	3	230	...	...	...
3	Dr. Saibai's Maternity Hospital, 190, Princess Street, Bombay 2. (1-5-1939) ...	12	254	14	268	...	...	...
4	Rattubhai's Hospital, Jai Hind Estate, 2, Bhuleshwar, Bombay 2. (31-5-1959) ...	40	382	7	389	...	...	258
5	Dr. A. latias General and Maternity Hospital, Jai Hind Estate No. 2, Bhuleshwar, Bombay 2.	15	389	13	402	...	200	309
6	Dr. C. L. Zaveri's Hospital for Women, Jai Hind Estate, Bhuleshwar Bombay 2 (1943) ...	15	403	7	410	...	...	66
7	Dr. Irani's Hospital, Kerawala Mansion, Carnac Road, Bombay 2. (1941) ...	2	15	...	15	...	...	...
C Ward: Total ...		145	2,210	58	2,258	...	200	633
D WARD								
1	Sorabji Shapurji Engineer Maternity Home, Khetwadi, 1st Lane, Bombay 4 ...	12	962	13	975	...	209	1,841
2	The Bomanji Dinshaw Petit Parsi General Hospital, Cumballa Hill, Bombay 26. (1912) ...	35	153	2	155	...	...	...
3	Bhatia General Hospital, Tardeo Road (1934)...	16	744	18	762	...	...	...
4	Dr. Karande Maternity and Surgical Hospital, Huges Road, Bombay 7. (April 1929) ...	16	129	9	138	...	...	...
5	Dr. D'Sa's Hospital, 15, Dadiseth Lane, Chowpatty, Bombay 7. (1909) ...	12	254	8	262	...	...	...
6	Dr. Ajit Mehta's Hospital for Women, 6-A, 2nd Dadiseth Road, Bombay 7. (1-4-1926) ...	17	456	4	460	...	...	...
7	Dr. (Mrs.) Vijaykar's Maternity and Surgical Hospital, 139-B, Chandra Terrace, Khadilkar Road (1-4-1955) ...	10	99	1	100	...	...	...
8	Dr. B. D. Patwardhan Maternity and Gynaec. Hospital, Phadke Wadi, Ganpati Temple, Bombay 4. (11-11-1931) ...	18	80	15	95	...	...	...
9	Chowpatty Maternity and Gynaec Hospital, 31C, Sea-Face, Chowpatty, Bombay 4 (December 1/11) ...	70	833	11	844	1	...	...
10	Dr. Wadia's Nursing Home, French Bridge, Bombay 7. (April 1937) ...	5	33	1	34	...	...	...
11	Kanchangouri Maternity Hospital, S. V. Patel Road, Bhajekar Street. (27-7-1927) ...	24	596	18	614	1	...	...
12	Brahmansabha Mhaskar Maternity Home, 9, Benham Hall Lane, Girgaum, Bombay 4. (1-2-1932) ...	20	272	7	279	...	...	...
13	New Hospital for Women, Mama Paramanand Marg, Bombay 4. (1-5-1933) ...	20	486	10	496	...	...	...
14	Dr. Kumud Mehta Hospital, Poly Clinic, 20, Mama Paramanand Road, Bombay 4. (10-10-1930) ...	10	122	1	123	...	...	...
15	Ruxmani Hindu Lying-in-Hospital, Babulnath, Chowpatty, Bombay 7. (1920) ...	25	130	6	136	...	...	...
16	Dr. Harkirandas Narottamdas Hospital, New Charani Road, Bombay 4. (6-1-1922) ...	34	1,057	33	1,090	...	...	...
17	St. Elizabeth Nursing Home, J. M. Mehta Road, Malbar Hill, Bombay 6. (31-8-1922) ...	22	770	6	776	...	83	834
18	Dr. (Mrs.) Kashibai Sathe's Maternity Home, J. S. Road, Bombay 4. (November 1938) ...	10	51	1	52	...	...	...
19	Dr. Amonkar Hospital, 534, Sandhurst Bridge, Bombay 4. (9-8-1953) ...	18	100	2	102	...	...	...
20	Wisssoodev Clinic Nursing Home, 46C, Bhulabhai D. S. Road, Bombay 26. (1973) ...	4	4	...	4	...	...	...

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination
21	Dr. Bhaskar Patel Hospital, M. P. Marg, Bombay 4 (1964) ...	13	...	...	...	...	...	...
22	Narvekar Clinic, Patil Chamber, French Bridge, Bombay 7 (1973) ...	1	7	...	7	...	...	...
23	Dr. (Miss) Shirin G. Patel, Nursing Home for Women, Chowpatty Sea Face (26-5-1940) ...	12	113	3	116	...	...	...
24	Seth Chaganlal Walchand Jain Hospital, Marine Mansion, Chowpatty, Bombay 7. (15-6-1937) ..	17	333	8	341	...	...	...
25	Ideal Nursing Home, Khetwadi 12th Lane, Bombay 4. (28-10-1952) ...	8	68	3	71	...	...	...
26	Himani Clinic, 17, Mathew Road, Bombay-4. (22-8-1948) ...	3	...	...	...	...	...	...
27	The Beach Candy Hospital and Nursing Home, 69, Bhulabhai Desai Road, Bombay 26. (1-1-1952) ...	13	391	5	396	...	375	700
28	Lamington Maternity Surgical Hospital, Girdhar Bhuvan 415, Lamington Road, Bombay 4. (September 1950) ...	17	20	5	25	...	...	...
29	Modern Hospital for Women, 6, Dr. Wilson's Street, Bombay 4. (11-2-1951) ...	11	412	5	417	...	...	412
30	Dr. Irani's Maternity and Nursing Home, 70B, August Kranti Marg, Bombay 26. (17-6-1967)	8	45	1	46	...	...	...
31	Mistry Hospital, 47, Kennedy Bridge, Bombay 4 (1952) ...	12	156	12	168	...	...	...
32	Dr. Pratap's Maternity Hospital and Nursing Home, 214, Charni Road, Bombay 4 (18-1-1953) ...	6	20	3	23	...	...	...
33	Dr. Padma M. Mhta's Nursing Home, Sandhurst Bridge, Bombay 7. (1953) ...	5	124	8	132	...	...	...
34	Dr. Premalata S. Pai's Maternity Home, 7, Taty Charpure Path, Bombay 4. (2-12-1951) ...	15	350	9	359	...	...	...
35	Dr. O. J. Shah's Hospital, Opera House, Bombay 4. (1-1-1951) ...	14	235	1	236	...	...	172
36	Dr. Wagal Maternity Home, 276-B, Surya Mahal, Thakurdwar, Bombay 4. (1-12-1957) ...	12	175	2	177	...	...	...
37	Saifee Hospital, 15-17, Queen's Road, Bombay 4. (October 1957) ...	5	166	3	169	...	...	...
38	Dr. Khandwala Hospital, Prarthana Samaj, Bombay 4. (November 1959)	8	72	2	74	...	...	...
39	Ajinkya Hospital, Hughes Road, Bombay 7. (February 1958) ...	17	160	10	170	...	...	142
40	Queen's Road Maternity and Surgical Nursing Home, Queen's Road, Bombay 4 ...	12	304	...	304	...	...	...
41	Malabar Hill Clinic, Manav Mandir Road, Bombay 6. (26-2-1966) ...	5	72	2	74	...	...	...
42	Dr. Tara Ramrao Maternity Home, 377, V. P. Road, Bombay 4. (26-1-1966) ...	3	59	3	62	...	...	...
43	Maternity and Nursing Home, Tilak Nagar, V. P. Road, Bombay 4 (1970) ...	9	164	2	166	...	...	...
44	Ayurvedic Hospital, 87, Mughhat Street, Bombay 4. (1947) ...	25	89	5	94	...	...	...
45	Dr. (Mrs.) Vimal Parikh, Dream Land, 25, Mama Parmanand Marg, Bombay 4. (Oct. 1960) ...	4	15	...	15	...	15	...
46	Dr. N. K. Shah Maternity and Surgical Home, Siddguru Sadan, 15, Babulnath Road, Bombay 7. (May 1963) ...	20	147	4	151	1	...	...
47	Dr. (Mrs) N. S. Zaveri Maternity and Gynaec. Hospital, 273, New Charni Road. (11-4-1965)	5	52	2	54	...	...	...
48	Ajinkya General Nursing Home, 204, Charni Road, Bombay 4. (15-8-1966) ...	...	39	1	40	...	...	...
49	Sanskrit Nursing Home, Mani Bhuvan, Chowpatty Bombay 7. (17-11-1968) ...	4	4	...	4	...	...	...
50	Jankee Nursing Home, Bellasis Road, Bombay 34 (19-2-1967) ...	14	186	2	188	...	186	...

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Non-Natal vaccination against Smallpox	B.C.G. vaccination
51	Charak Clinic, Queen's Road, Bombay 4 (1966)...	...	...	...	...	...	...	...
52	Morden Hospital, 534, Sandhurst Bridge, Bombay 7. (1953) ...	10	84	2	85	...	...	...
53	Mother and Child Hospital, Gita Pandita Ramabai Road, Bombay 7. (23-10-1966) ...	20	67	...	67	...	...	...
54	Sodha Nursing and Maternity Home, 31, Babulnath Road, Bombay 7. (1-4-1970) ...	20	7	1	8	...	...	...
55	Dr. V. K. Desai Hospital, Mama Parmanand Marg, Bombay 4. (1952) ...	...	79	2	81	...	...	...
56	Sradha Clinic and Nursing Home (1-8-1974) ...	9	40	1	41	...	...	...
57	Dr. Mahishi's Maternity Surgical Nursing Home, Grant Road, Bombay 7 (1974) ...	6	4	...	4	...	...	...
58	Kamla Poly Clinic and Nursing Home, August Kranti Maidan, Bombay 26 ...	6	7	1	8	...	...	...
59	Dr. Vora Mat. and Gynaec. Hospital, PARESH, 4-A, Bhulabhai Desai Road, Bombay 26 ...	12	59	...	59	...	...	...
60	Dr. Mrs. Sindhu R. Pandit, Maternity and Gynaec. and Surgical Nursing Home, 23, Poddar Road, Bombay 26 ...	14	9	...	9	...	...	...
61	Dr. Mangeshkar Clinic, 8, Laburnum Road, Gamdevi, Bombay (1965) ...	20	361	4	365	...	...	122
62	JASLOK Hospital, 15th Dashmukh Marg, Bombay 1 ...	26	125	...	125	...	...	...
63	Women's Clinic (Dr. Pagnis), 61, Narayan Niwas, J.S.S. Road, Bombay 4 (1957) ...	7	84	...	84	...	...	...
D Ward: Total ...		844	12,235	279	12,514	4	88	4,623
E WARD								
1	Municipal Maternity Home, 252, Bellasis Road, Byculla, Bombay 8 (1915) ...	37	2,128	36	2,164	...	1,853	1,727
2	Kamar Khanum Municipal Maternity Home, Victoria Road, 3rd Cross Lane, Byculla, Bombay. (19-12-1926) ...	37	2,506	22	2,568	...	2,300	2,200
3	Kamathipura Maternity Home, Kamathipura 13th Lane, Bombay 8. (2-4-1968) ...	100	1,638	41	1,679	...	...	1,225
4	Kasturba Hospital, Sane Guruji Marg, Bombay 11 (12-3-1892) ...	...	40	18	58	4	...	...
5	B. Y. L. Nair Charitable Hospital, Dr. A. L. Nair Road, Bombay 8. (1923) ...	55	2,738	122	3,068	14	2,610	2,610
6	Central Hospital and Nursing Home, Opp. Bellasis Road, Bombay 8. (1952) ...	3	41	...	41	...	...	...
7	Eugenie Maternity Home, Victoria Road, Byculla, Bombay 27. (1924) ...	10	146	2	148	...	...	...
8	Masina Hospital, 125, Victoria Road, Byculla, Bombay 27. (1902) ...	30	375	6	381	...	...	331
9	Bai Motilal and Petit Hospital, Bombay 8. (15-3-1892) ...	76	2,097	64	2,161	9	1,534	1,534
10	Central Hospital and Nursing Home, Bellasis Road, Bombay 8. (1-4-1963) ...	3	41	...	41	...	...	...
11	Esmail General Hospital, Nesbit Road, Aga Hall, Bombay 10. (25-10-1945) ...	8	78	...	78	...	...	...
12	Byculla Nursing Home, 47, Dr. A. L. Road, Bombay 8. (9-12-1963) ...	25	526	19	545	...	...	...
13	Sheth Maternity and Gynaec. Nursing Home, Navjivan Co-operative Housing Society, Lamington Road, Bombay 8. (12-10-1967) ...	10	140	2	142	...	...	...
14	Dr. T. W. Sequeira's Maternity Hospital, Maxgaon, Bombay 10. (January 1934) ...	8	271	2	273	...	...	...
15	Atul Hospital, Bharat Nagar, Grant Road, Bombay 7. (15-8-1970) ...	6	4	2	6	...	...	...
16	Jagjivanram Hospital, W. Rly. Maratha Mandir Marg, Bombay 8. (24-6-1966) ...	10	308	9	317	...	80	...
17	Sumati H. Mahishi, D-28, Wassiamul Bldg., Grant Road and Charni Road junction, Bombay 7 ...	6	4	1	5	...	...	...
18	Davi A. Jyabai Holkar Municipal Maternity Home 245-66 Reay Road (2-9-1974) ...	44	126	1	127	...	117	...
19	C. M. O. Byculla Central Railway Hospital, Byculla, Opp. Victoria Garden, Bombay 27 ...	26	781	10	791	...	...	...
E Ward: Total ...		494	14,078	357	14,435	27	8,494	9,687

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	No. Natal vaccination against Smallpox	B.C.G. vaccination
'F' NORTH Ward								
1	Loknanya Tilak Municipal General Hospital, Sion, Bombay 22. (24-4-1947) ...	72	4,548	267	4,815	20	...	5,834
2	Colony Nursing Home, 216-A Sir Bhalchandra Road, Bombay 19. (1935) ...	3	...	...	...	...	...	...
3	Rajli Chavda Municipal Maternity Home, Sion Koliwada Bombay 22(10-7-1971) ...	44	1,826	49	1,875	2	...	1,331
4	Matunga Clinic, 241-D, Dr. Ambedkar Road, Bombay 19. (1934) ...	12	175	3	178	...	...	...
5	Dr. Dandekar's Trust Hospital, Bhoj Mahal, Dr. Ambedkar Road, Matunga, Bombay 19. (1933) ...	8	124	2	126	...	6	120
6	Divekar Charity Trust Hospital, Kings Circle, Bombay-19 (1932) ...	9	251	2	253	...	...	...
7	Dr. Kirtankaran Hospital, 477, Ajenwala Road, Matunga (1941) ...	6	188	3	191	...	...	...
8	Matunga Nursing and Maternity Home, Matunga (14-2-1955) ...	7	30	2	32	...	...	...
9	Surgical and Maternity Hospital 350, Chandavarkar Road, Matunga, Bombay-19. (21-9-1947) ...	6	141	5	146	...	...	...
10	Family Nursing and Maternity Home, 66-A Matunga, Bombay-19. (1946) ...	10	421	9	430	...	241	...
11	R. V. Ayurvedic Hospital, Sion, Bombay-22 (6-4-1950) ...	20	206	9	215	...	...	...
12	Dr. D. Sitalaxmi's Maternity and Nursing Home, 239A, Sion Road Bombay-22. (August 1954). ...	10	289	10	299	...	...	...
13	Dr. (Mrs.) Kamla Doshi's Hospital, Gujrahi Society, Sion, Bombay-22. (15-8-1950) ...			(closed)				
14	Matunga Nursing Home for Women, 590, Vincent Road, Matunga, Bombay-19. (16-7-1951) ...	16	28	...	28	...	...	...
15	Talwalkar Nursing Home & Maternity Home, 153, Hindu Colony, Matunga, Bombay-19. (1-5-1951) ...	3	...	...	...	...	...	...
16	Dr. Mulla's Clinic, 603, Jambhede Road, Matunga, Bombay-19. (1952) ...	6	54	...	54	...	...	...
17	S.D. Bhavanani Nursing Home, Sion, Bombay-22 (17-5-1953) ...	15	538	15	553	...	360	...
18	Dr. Pai's Hospital, 154 Hindu Colony, Dadar, Bombay-14 (17-10-1934) ...	18	300	5	305	...	...	...
19	Dr. Merchant's Hospital, Sion Bombay-22. (June 1968) ...	20	439	8	447	...	...	...
20	Sobti Nursing Home, King's Circle, Bombay-19. (15-8-1955) ...	6	54	...	54	...	...	...
21	Dr. Gadre's Surgical & Maternity Hospital, Sion, Bombay-22. (Nov. 1958) ...	8	150	1	151	...	...	...
22	Mata Laxmi Hospital, 218, Sion East, Bombay-22. (December 1957) ...	4	33	...	33	...	...	...
23	Chars Obstetrical & Gynac. Hospital, 153, Road No. 9, Wadala, Bombay-31. (April 1962) ...	12	229	5	234	...	...	...
24	Dr. Abhyankar's Maternity & Surgical Hospital, Sion (East), Bombay-22. (Nov. 1957) ...	7	166	2	168	1	...	...
25	Shobha Maternity Hospital, 171, Vijay Niwas, R. A. Kidwai Road, Bombay-31. (3-2-1963) ...	8	89	...	89	...	...	...
26	Rotunda Nursing Home, 262, Wadala, Bombay-31. (9-2-1964) ...	7	169	...	169	...	...	...
27	Dr. Khandeparkar Nursing Home, 157, Sir Bhalchandra Road, Dadar, Bombay. (4-11-1963) ...	5	75	...	75	...	...	...
28	Dr. Parchure's Maternity Home, 159, Ganesh Prasad, Sir Bhalchandra Road, Bombay-14. (January 1969) ...	7	61	1	62	...	...	...
29	Post Trust Hospital, Wadala, Bombay 31. (1970) ...	25	784	11	795	1	448	917
30	Sion Poly-clinic and Hospital, Krishna Bhuwan, Sion (West) Bombay (1-1-1969) ...	4	35	...	35	...	...	...
F/North Ward s Total		3,8	11,403	409	11,812	21	995	8,202

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination
'F/SOUTH' WARD								
1	Naigaum Municipal Maternity Home, Naigaum, Bombay-14 (2-10-1958) ...	35	2,348	42	2,390	...	...	2,421
2	K. E. M. Hospital, Parel Bombay-12 (Maternity Ward opened on 1-12-1959) ...	176	5,276	225	5,501	25	...	4,974
3	The Mahatma Gandhi Memorial Hospital Government Gate Road, Parel, Bombay-12. (March 1961) ...	17	391	8	399	...	...	...
4	Nawroji Wadia Maternity Hospital, King Edward Road, Parel, Bombay-12. (13-12-1926) ...	180	5,919	219	6,781	13	5,333	5,207
5	Dr. Gaire's Nursing and Maternity Hospital, 21, Keni Road, Dadar, Bombay-14. (1936) ...	18	196	6	202	...	...	...
6	Desai Memorial Laxmi Lying-in-Hospital and Nursing Home, 94, Hospital Avenue, Parel, Bombay-12. (June, 1937) ...	30	226	10	236	...	...	...
7	Rukmini Maternity Hospital, 7, Aimal Merwanji Road, Parel, Bombay-12. (1932) ...	30	528	20	548	...	...	...
8	Nursing Home and Eye Clinic, Dadar, Bombay-14. (15-12-1946) ...	10	134	7	141	...	...	...
9	Sobti Hospital, 56, Jyotiba Phule Road, Naigaum, Bombay-14. (1960) ...	6	46	1	47	...	...	...
10	Dr. B. D. D. Sai's Maternity and Surgical Home, Krishna Chhaya, Parel, Bombay-12. (194-1966) ...	18	180	4	184	1	...	...
11	Shantayee Nursing Home, Dadasaheb Phalke Road, Dadar, Bombay-14. (1-4-1970) ...	8	73	1	74	...	...	...
12	Dr. Telang Maternity Home, 200, Ambedkar Road, Dadar Bombay-14. (1966) ...	5	25	...	25	...	...	...
13	Aswini Maternity & Surgical Nursing Home, Dadar, Bombay-14 (1970) ...	8	103	...	103	...	...	...
14	Modern Nursing Home, 60, D. M. Road, Dadar, Bombay-14 (1952) ...	10	3	...	3	...	...	...
15	Navin Asha Maternity Home, 126 D, Phalke Road, Dadar, Bombay-14. (1971) ...	3	18	...	18	...	...	...
	F/South Ward : Total ...	554	15,456	543	16,009	39	5,333	12,602
'G/NORTH' WARD								
1	Municipal Maternity Home, Lt. Dilip Gupte Marg Opp. Shri Cinema, Mahim, Bombay-16. (9-5-1970) ...	42	2,299	57	2,356	...	2,523	4,675
2	Laxmi Maternity Home, D. L. Vaidya Road, Dadar, Bombay-28. (9-10-1929) ...	15	133	4	137	1	...	...
3	Sadguru Maternity Home, Chhabildas Road, Dadar, Bombay-28. (8-5-1932) ...	15	140	5	145	...	...	...
4	Jankibai Maternity Home, 61, S. K. Bole Road, Dadar, Bombay-28. (1-4-1936) ...	17	17	2	19	...	...	...
5	Dr. Narvane's Surgical & Maternity Home, Shivaji Park, Dadar, Bombay. (4-10-1938) ...	5	22	2	24	...	...	...
6	Dr. Parandare's Maternity Hospital, 114, Shivaji Park Bombay-28. (1941) ...	10	118	4	122	...	...	...
7	Vijay Clinic, Shivaji Park, Dadar, Bombay. (1936) ...	4	...	...	...	...	...	...
8	National Hospital, 89, F. S. V. Sawarkar Road, Mahim, Bombay-16. (10-12-1951) ...	20	354	7	361	...	...	...
9	Dadar Surgical & Maternity Hospital, Prajapati Bhuvan Gokhale Road, Bombay-28. (Nov. 1935) ...	9	59	...	59	...	...	...
10	Dr. Pinto's Hospital, Portuguese Church Street, Dadar Bombay-28. (15-4-1947) ...	10	98	...	98	...	...	...
11	Family Clinic, Mogal Lane, Matunga, Bombay-16 (1-10-1952) ...	9	59	2	61	...	...	...
12	Dr. Shushila S. Keluskar Maternity Hospital, Portuguese Church, Dadar, Bombay. (8-6-1952) ...	9	93	...	93	...	...	...
13	Dr. C. L. Zaveri, 224, L. H. Road, Matunga, Bombay-16. (1948) ...	30	438	11	449	...	...	...

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Small pox	B.C.G. vaccination	
14	Park Nursing Home, 203-204, Shivaji Park Road 5, Bombay-16. (1947) ...	4	46	2	48	...	...	...
15	Dadar Clinic and Nursing Home, Dadar Road, Bombay-28. (1949) ...	8	337	9	346	...	...	...
16	Gupte Maternity and Surgical Home, 143, Sitaladevi Temple Road, Mahim, Bombay-16. (31-5-1952) ...	10	260	3	263	...	...	...
17	Dr. D'Souza Surgical and Maternity Temple Home, Sitaladevi Road, Mahim, Bombay-16. (January 1953) ...	3	...	...	...	...	...	...
18	Hirve Maternity and Surgical Home, Gokhale Road, Dadar, Bombay. (10-1-1957) ...	10	51	...	51	...	...	...
19	Bai Radhabai Maternity Home and Women Nursing Home, Dadar, Bombay-28 (1-12-1954) ...	10	84	1	85	...	...	...
20	Bella Tes Nursing Home, 57, L. J. Road, Mahim, Bombay-16 (29-9-1957) ...	7	41	...	41	...	...	...
21	Pandit Maternity Hospital, L. J. Road, Mahim, (1963) ...	8	110	2	112	...	...	...
22	Dr. Vaze's Maternity and Surgical Hospital, Mughdoot, Bhandarwada Road, Bombay-28, (1957) ...	14	158	6	164	...	...	...
23	North Bombay Clinic, Opp. City Light Cinema, Lady Hardinge Road, Bombay-16. (1962) ...	4	...	...	...	...	...	...
24	Laxmi Clinic, Vidya Building, Bhandar Galli, Mahim, Bombay-16. (17-9-1967) ...	7	149	3	152	...	149	149	
25	Sane's Nursing Home, 84, Bhawani Shankar Road, Bombay-28. (4-4-1966) ...	8	113	...	113	...	...	...
26	Dr. Donald's Maternity Home, Dharavi, Opp. Police Station, Bombay-17. (1972) ...	3	62	2	64	...	...	...
27	Dr. Fonseca's Maternity and Surgical Home, Opp. Mahim Rly. Station, Mahim, Bombay-16. (20-7-1967) ...	4	117	2	119	1	...	...
28	Shriroosha, Citizen's Co-operative Hospital, 198-H Ranade Road, Dadar. (21-5-1969) ...	5	260	9	269	...	...	961
29	Dr. Ingle's Surgical and Maternity Hospital, 372-B, Veer Sawarkar Marg, Bombay-28. (1-2-1969) ...	9	81	3	84	...	...	...
30	Shri Maternity and Nursing Home, 119, Shivaji Park Road, Bombay-28. (1936) ...	5	15	1	16	...	...	...
31	Dr. Thakur's Hospital, 121, Shivaji Park, Bombay-28. (1968) ...	16	457	3	460	...	...	...
32	Nirmal Nursing Home, Gokul, 93, Ranade Road, Bombay-28. (1968) ...	8	78	1	79	1	...	...
33	Singhavi Maternity Home, B/16, Balvind Co-operative Housing Society. (1971) ...	5	19	...	19	...	...	...
34	Saraswati Maternity and Nursing Home, Anand-Sagar, L.H. Road, Mahim. ...	5	30	...	30	...	...	...
35	Triveni Nursing Home, Jahargir Baug, 222, Veer Sawarkar Road, Bombay-16. (1973) ...	6	27	...	27	...	...	...
G/North Ward: Total		...	354	6,325	141	6,466	3	2,672	5,785
G/SOUTH WARD									
1	Haji Mohamed Haji Sabu Siddik Maternity Home, S. V. Savarkar Road, Bombay-28. ...	72	3,650	77	3,727	1	3,170	2,935	
2	Police Maternity Hospital, Pochkhanwala Road, Worli, Police Camp, Bombay-18. (9-3-1951) ...	35	410	6	416	...	203	...	
3	Worli Maternity Home, B. M. & C. W. Society, Worli Bombay-18. (1939) ...	34	913	34	947	...	630	785	
4	Lower Parel Health Unit, Western Railway, Bombay-13 (1963) ...	8	32	1	33	...	...	...
5	Dr. Sathe's Maternity and Nursing Home (12-6-1965) ...	10	133	1	134	...	...	...
6	B.M. & C.W. Society Maternity Hospital, Delisle Road, Bombay-11. (1939) ...	36	695	26	721	...	570	612 Twin 8	
7	Worli Hospital for Women, 259, Dr. A. B. Road, Bombay-18 (14-5-1964) ...	15	396	12	408	...	...	...
8	M. A. Podar Hospital, Bombay (1947) ...	30	1,030	34	1,064	...	1,064	...	
9	Worli General Hospital Sea Face Corner, Bombay-25. (1919) ...	...	...	Closed	...	...	...	...
10	E.S.I.S. Hospital, Worli, Bombay-18 (2-5-1962) ...	28	59	...	59	...	...	59
11	Dr. Parulekar Maternity and Surgical Home 7-8, Pankaj Mansion, Dr. Annie Besant Road, Worli, Bombay-25. (December 1969) ...	15	470	4	471	...	250	...	
12	Dr. K. S. Miskar Memorial Hospital, Delisle Road, Bombay 13 (1925) ...	36	695	25	720	...	616	612 Twin 7	
G/South Ward: Total		...	319	8,479	216	8,695	1	6,553	5,003 Twin 15

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	No.-Natal vaccination against Smallpox	B.C.G. vaccination
'H' Ward.								
1	Kharshedi Byramji Bhabha Hospital, Waterfield Road, Bandra, Bombay-50. (1876) ...	85	4,563	109	4,672	...	4,023	2,231
2	Municipal Maternity Home, Kherwadi, Bandra (East) (14-8-1964) ...	30	3,230	105	3,335	2	2,352	2,706
3	Western Rly. Health Unit, Bandra. (1-9-1938) ...	8	183	3	185	...	...	...
4	Government Maternity-cum-Maternity Home, Bandra. (October 1962) ...	4	198	1	199	...	377	...
5	Dr. Moses Hospital, The Home Street, East Avenue, Santacruz. (1929) ...	4	...	...	...	...	...	...
6	Dr. Kashibai Hospital, Swami Vivekanand Road, Santacruz (1937) ...	22	374	3	377	...	...	...
7	S. M. J. Hospital, J. N. hru Road, Santacruz (East), Bombay-55 (1947) ...	18	310	4	314	...	...	...
8	Dr. Grote's Lying in and Surgical Hospital, 81, G. B. Road, Khar (1923) ...	11	154	2	156	...	...	Twins 2
9	Ajinkya Hospital, 11th Road, Khar, Bombay-52. (April 1920) ...	8	302	6	308	...	...	221
10	Holy Family Hospital, St. Andrew's Road, Bandra, Bombay-50 (8-6-1953) ...	22	553	7	560	...	...	...
11	St. Martin's Nursing Home, 11th Street, Martins Road, Bandra. (November, 1951) ...	16	499	16	515	...	...	...
12	Smt. Bhikubai Chandulal Jalandhwala Hospital, Santacruz Bombay-54. (October 1951) ...	27	1,016	24	1,040	1	1,016	...
13	Dr. (Miss) Mahashweta V. Bhat's Hospital for Women, 29, National Library Road, Bandra (19-4-1953) ...	10	51	3	54	...	...	...
14	Dr. Patkar's Maternity Home, 97, Hill Road, Bandra. (31-10-1932) ...	11	126	3	129	...	...	...
15	Vikas Poly Clinic and Nursing Home, 85, S. V. Road, Santacruz, Bombay 54 (1969) ...	10	3	...	3	...	...	...
16	Arora Lying-in-Hospital, Jai Bharat Society, Old Khar Bombay-52. (January 1951) ...	6	34	1	35	...	...	...
17	Mangala Maternity Home, Santacruz East. (1-5-1961) ...	7	51	3	54	...	...	...
18	Devi Maternity and Surgical Home, Renuka, Linking Road, Bandra. ...	8	96	...	96	...	...	...
19	Jai Devi Maternity and Nursing Home, Dr. Ambekar Road, Danda, Khar. (26-1-1961) ...	10	52	3	55	...	...	...
20	Nandin Maternity Home, 6th Road, Santacruz (East), Bombay-55. ...	8	152	3	155	...	...	...
21	Surgical and Maternity Nursing Home, Nilama, 12th Road Khar, Bombay-52. ...	10	...	...	...	...	...	...
22	Durga Clinic and Maternity Home, Kalina, Santacruz. (1-7-1961) ...	10	562	9	571	...	...	...
23	Dr. B. V. Nerurkar Poly & Nursing, 85, Geetha, S. V. Road, Santacruz, Bombay-54. ...	10	...	...	...	...	...	...
24	Kumar Clinic Maternity and Nursing Home, Kumar, 14A, Road, Khar, Bombay-52, (January, 1968) ...	9	64	...	64	...	...	...
25	Laxmi Padam Maternity and Surgical Maternity Home, 579A, Ramnagar Society, 5th Road, Bombay-52. (15-7-1967) ...	5	26	1	27	...	...	...
26	Alysha Maternity and Surgical Nursing Home, 432, Sahjeevan, 33rd Road Khar, Bombay-52. (13-9-1965) ...	5	75	1	76	...	...	...
27	Smriti Nursing Home, Maheshwar Darshan, 4 S. V. Road, Santacruz (West), Bombay-54. (15-8-1969) ...	7	129	2	131	...	...	...
28	Alite's Maternity and Surgical Hospital, Tapodhan, 250B, Linking Road, Bandra, Bombay-60. ...	7	88	...	88	...	...	...
29	Pushpa-Kunj Maternity and Nursing Home, N. hru Road, Santacruz (East), Bombay-55. (1-8-1970) ...	6	97	2	99	...	...	...

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination	
30	Dr. Sarala Desai's Nursing Home, Dattatraya Road, Santacruz (West). (20-9-1970) ...	9	137	2	139	...	...	...
31	Raksha Clinic, Curu-Krupa, Linking Road, Santacruz, Bombay-54. ...	4	30	...	30	...	...	...
32	Sanjeevani Nursing Home, Sangam, 14-B, S. V. Road, Bombay-53. (28-7-1969) ...	15	313	8	321	...	...	...
33	Safalya Maternity and Nursing Home, 124, Navin Kunj, S. V. Road, Khar, Bombay-52. (1970) ...	10	220	1	221	...	...	...
34	Dr. Ganatra's Maternity Home, 674, Pali Road, Khar. (3-1-1971) ...	15	180	1	181	...	...	...
35	Rajani's Maternity and Surgical Home, Plot No. 351, 16th Road, Bandra. (10-10-1970) ...	7	31	...	31	...	...	...
36	Dr. Deshmukh Maternity Home. "Safalya" Bungalow, T. P. S. II-A, Bombay-52. (26-1-1970) ...	5	9	...	9	...	...	...
37	Dr. Kaji's Maternity and Nursing Home, Nehru Road, Santacruz. (East), (May 1968) ...	7	167	...	167	...	...	...
38	Barfiwala Clinic, Radha Narayan, 32nd Road, T. P. S. III Bombay-53. ...	5	106	3	109	...	...	...
39	Dadhichi Nursing Home, Dadhichi House, Santacruz (East) (14-3-1974) ...	5	11	...	11	...	...	...
H Ward: Total		...	619	14,192	326	14,517	3	7,768	5,158 Twins 2
'K' WARD									
1	F. D. K. Municipal Maternity Home, S. V. Road, Andheri, (1959) ...	85	4,590	71	4,661	...	...	2,597
2	Sangita Maternity and Gynaec. Hospital, S. V. Road, Andheri (West) (1971) ...	10	249	5	254	...	...	...
3	Radhika Maternity Home, D. N. Nagar, Andheri (West) (1971) ...	3	6	...	6	...	...	...
4	Narmta Nursing Home, J. P. Road, Andheri (1969) ...	6	142	2	144	...	...	...
5	Dr. R. N. Cooper Municipal General Hospital, Juhu (26-2-1969) ...	75	4,280	222	4,502	13	3,479	5,163	
6	Snehs Sutika Gruha, Jogeshwari (East), Bombay 60 (1971) ...	8	51	7	58	...	...	...
7	Dr. Daftary's Total Care Clinic, 11th Road, North, Bombay 56. ...	13	152	4	156	...	...	...
8	Sunflower Nursing Home, N/S Road, 4 J. V. D. Scheme, Vile-Parle (West) (1973) ...	10	121	7	128	...	...	...
9	Dr. Dave's Clinic, 24 Vallabh Nagar, Vile-Parle (West) Bombay 56 (1970) ...	6	45	2	47	...	...	...
10	Nilima Maternity and Nursing Home, Vallabhnbhai Road, Vile-Parle (West) (1950) ...	10	210	5	215	...	...	...
11	Tilak Maternity and Surgical Hospital, 24, Ram Mandir Road, Vile-Parle (24-12-1929) ...	8	156	9	165	...	...	...
12	Dr. Balabhai Nanavati Hospital, S. V. Road, Vile-Parle (24-12-1951) ...	45	1,114	32	1,146	8	...	1,768	
13	Dr. Shah's Maternity and Nursing Home, M. G. Road, Vile-Parle (East). (3-10-1943) ...	25	343	8	351	...	...	...
14	Vrindavan General Hospital and Nursing Home, Kurla Road, Andheri. (1-11-1949) ...	25	425	9	434	...	450	350	
15	Dr. Bhat's Andheri Maternity and Nursing Home, 208, S. V. Road, Andheri. (1932) ...	8	69	2	71	...	...	...
16	Laxmi Maternity Hospital, Nariman Road, Vile-Parle, (24-5-1954) ...	6	11	...	11	...	...	...
17	Dr. Rajan's Maternity Home, Versova, Khoja Lane. (15-2-1958) ...	6	85	...	85	...	...	...
18	Dr. Sathe's Maternity Home, Hanuman Road, Vile-Parle (East). (22-4-1958) ...	12	270	5	275	...	...	...
19	Dr. Bkshi's Gynac and Maternity Hospital, Lallubhai Park, Andheri. (12-2-1959) ...	3	41	1	42	...	...	...

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination
20	Dhiraj Maternity and Nursing Home, Andheri (East). (March 1960)	8	68	4	72	...	...	...
21	St. Catherine's Home, Off Versova Road, Andheri, Bombay 58. (1922)	7	106	2	108	...	...	...
22	Dr. Joshi's Surgical and Maternity Hospital, 65, S. V. Road, Andheri. (1-10-1953)	10	145	7	152	...	...	...
23	Matoshri Umabai Rane Maternity Home, Shiv Kripa, Majas Road, Jogeshwari (East). (20-7-1962)	17	549	11	560	...	...	...
24	Mahalaxmi Maternity and General Hospital, Gumpaha Road, Jogeshwari, Bombay-60. (12-12-1965)	12	156	4	160	...	...	...
25	Holy Spirit Hospital, Mahakali Road, Andheri (17-1-1967)	8	260	6	266	...	...	227
26	Vishwabharati Nursing Home, Joshi Lane, Andheri (West). (19-5-1968)	4	60	...	60	...	...	...
27	Nandadeep Maternity and Surgical Hospital, 140/141, S. V. Road, Andheri (12-5-1968)	10	227	6	233	...	200	...
28	Nutan Nursing Home, Vile-Parle (East), Bombay-56. (12-5-1965)	12	188	3	191	...	...	...
29	Parle Hospital, Ghod-Bunder Road, Vile-Parle (West), Bombay-56. (1965)	6	82	2	84	...	...	...
30	Shanti Maternity and Nursing Home, Sahar Road, Bombay-57. (October 1967)	15	734	15	749	...	...	...
31	Dolhich Maternity and Nursing Home, Bhagwati Bhawan, J. B. Nagar, Kurla-Andheri Road. (November 1969)	8	80	7	87	...	...	...
32	Ashirwad Maternity and Surgical Nursing Home, Sprantaa Manor, S. V. Road Andheri, Bombay-58. (1-9-1970)	12	200	4	204	...	...	...
33	Shri Durga Maternity and Surgical Home, Jogeshwari (East), Bombay-60. (15-8-1969)	11	156	1	157	...	...	...
34	Dr. Parmar's Maternity and Surgical Hospital, 167F, Play Ground Road, Vile-Parle Bombay 57 (1968)	11	140	...	140	...	...	...
35	Maternity and Nursing Home, Hanuman Road, Vile-Parle (1957)	15	244	5	249	...	...	...
36	Jogeshwari Maternity Home, Cave Road, Jogeshwari (East). (1965)	20	63	...	63	...	...	...
37	Vijay Maternity Home, Majas Road, Jogeshwari (East), Bombay-60. (10-11-1962)	7	12	...	12	...	...	...
38	Dr. Rao Nursing Home, Chandra Niwas, Sahar Road, Andheri (East). (May 1965)	15	370	15	385	...	...	...
39	Muzumdar's Maternity Home, No. 17, Shivkripa, H. F. S. Road, Jogeshwari (East), Bombay-60.	3	24	...	24	...	...	...
40	Dr. Parulekar Maternity Home, Ushak-Kal Hindu Friend Society Road, Jogeshwari East.	6	132	...	132	...	...	...
41	Dr. (Mrs.) S. Wagh Maternity Hospital, 3, Shishoo Milkirm Park Road, Vile Parle (East), Bombay 57 (1930)	10	36	1	37	...	...	...
	K/Ward : Total	590	16,392	484	16,876	21	4,129	10,105
'L' WARD								
1	Khan Bahadur H. K. Bhabha Hospital Kurla (Municipal) (1-3-1939)	36	4,901	127	5,028	3	3,861	2,076
2	Municipal Maternity Home, Sion-Trombay Road, Chunabhatti, Kurla. (4-5-1970)	20	1,350	35	1,385	1	...	979
3	Surgical and Maternity Nursing Home, "Jagan-nath" Lalbahadur Shastri Marg, Kurla. (March 1966).	14	577	16	593	...	...	...
4	Dr. Azashe's Maternity Hospital, 116, Bazar Ward, M. N. Road, Kurla (March 1951)	6	116	1	117	...	...	...
5	Chanda Maternity Surgical Nursing Home and Diagnostic Centre. (9-5-1971).	11	58	3	61	...	...	...
6	Nehru Nagar Medical Centre, 121, Nehru Nagar, Kurla (East), Bombay. (3-11-1972).	8	246	10	256	...	...	...
	L Ward : Total	95	7,248	192	7,440	4	3,861	3,005

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Nso-Natal vaccination against Smallpox	B.C.G. vaccination
'M' WARD								
1	Chembur Municipal Maternity Home, near Chembur Naka. (1-7-1944) ...	30	4,140	74	4,214	...	3,048	3,991
2	Deonar Municipal Maternity Home, Govandi (West). (10-10-1972) ...	22	1,365	40	1,405	...	...	640
3	Receiving Centre for Beggars, Ghatkopar-Mahul Road Chembur, Bombay-71. (July 1971) ...	2	2	...	2	...	...	...
4	Chembur Colony Dispensary, Bombay 74 (1947) ...	10	290	4	293	...	147	...
5	Dr. Bhatawadekar's Nursing and Maternity Home, 203, Station Avenue Chembur (September 1954) ...	10	378	3	381	...	164	...
6	Mona Maternity and Nursing Home, Amar Kuni, E. M. Road Chembur, Bombay (10-6-1968) ...	6	82	...	82	...	10	...
7	Chembur Nursing Home, 18th Road, Chembur, Bombay-71 (1957) ...	10	182	7	189	...	...	...
8	Siddh-Giri Clinics, 420 Station Avenue Road, Chembur Bombay-71. (26-10-1965) ...	10	279	10	289	1	...	...
9	Joshi Hospital 70, Central Avenue Road, Chembur Bombay-71. (1963) ...	10	16	...	16	...	...	...
10	Lakshmi Maternity Home, Plot No 213, 11th Road, Chembur, Bombay-71. (1967) ...	17	472	12	484	2	...	...
11	Chembur Hospital Krishna Baug, Chembur (1-9-1949) ...	11	300	3	303	...	...	...
12	Shashikant Hospital, 82-B, Syndicate Bank Building, Govandi Road Chembur, Bombay-71 (29-8-1971) ...	9	191	6	197	...	105	...
13	F. C. I. Hospital, Chembur Trombay Unit (14-8-1971) ...	5	171	3	174	...	...	...
14	Pradhan Hospital, 'Manas', Slaughter House Road, Bombay-88. (1-8-1973) ...	8	25	...	25	...	2	...
	M Ward: Total ...	160	7,893	162	8,055	3	3,476	4,631 Twin (1)
'N' WARD								
1.	Shamabai Vithaldas Khimji Maternity Home, Ghatkopar (Municipal). (17-3-1935) ...	100	6,086	140	6,226	9	4,023	...
2	Bagwe Hospital Cama Lane, Ghatkopar (1951) ...	6	41	8	49	...	...	...
3	Suburban Maternity and Nursing Home, Ratan Mahal, M. G. Road, Ghatkopar (21-9-1951) ...	30	846	12	858	...	...	...
4	Dr. (Miss) Chandra L. Shah Maternity and Nursing Home, Agra Road, Ghatkopar, Bombay-76 (4-5-1958) ...	35	575	2	577	...	...	...
5	Pawai Maternity and Nursing Home, Durga Niwas, Pawai, Bombay-76 (1964) ...	8	99	...	99	...	...	...
6	Ghatkopar Maternity and Surgical Hospital, Jivan Jyot, Bombay 77 AS (27-9-1963) ...	30	1,406	20	1,426	...	...	...
7	Sarvodaya Hospital, B. A. Road, Ghatkopar (9-4-1962) ...	100	2,906	60	2,966	...	...	...
8	Shushrusha, Citizens' Co-operative Hospital, Kannamwar Nagar, Vikhroli (16-4-1967) ...	15	562	5	567	...	...	...
9	Dr. Atre Maternity Home, Plot No. 90A, Station Road, Vikhroli (West), Bombay-79 (12-12-1969) ...	6	15	...	15	...	...	...
10	Mamata General Hospital, S. T. Road, Vikhroli West (2-6-1968) ...	25	45	4	49	...	...	...
11	Dr. Vinod B. Joshi's Maternity and Nursing Home M. G. Road, Ghatkopar, Bombay-86 (1966) ...	10	397	8	405	...	...	...
12	Rajawadi Maternity and Nursing Home, Rajawadi, Ghatkopar. (17-5-1964) ...	6	38	...	38	...	...	...
13	Jyoti Maternity and Surgical Nursing Home, Vaishishtha, Ghatkopar (East), Bombay-77 (1-6-1968) ...	10	68	2	70	...	...	...
14	Ashwini Maternity Hospital, Ambika Darshan, M. G. Road, Ghatkopar, Bombay (1-8-1966) ...	24	1,000	39	1,039	...	...	...
15	Shantiniketan Nursing Home, Agra Road, Ghatkopar (West), Bombay-86 (1-1-1970) ...	9	165	3	168	...	...	...
16	Dr. Sherekar Hospital, Joshi Wadi, Bombay-Agra Road, Ghatkopar (West) (1-10-1972) ...	7	73	...	73	...	...	...
	N Ward: Total ...	421	14,322	203	14,655	9	4,023	...

TABLE 23.—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination	
* P * WARD									
1	Municipal Maternity Home, Daftary Road, Malad (4-1-1954) ...	40	2,686	57	2,743	...	...	1,796
2	Municipal Maternity Home behind Topiwala Sanitable Dispensary, Goregaon (West) (1-7-1964) ...	40	2,741	70	2,811	...	2,331	1,833	
3	Dr. Velaskar's Women's Lyngin Hospital, Zakeria Bldg. Zakeria Road, Malad (West) (29-1-1950) ...	22	287	9	296	...	...	...
4	Dr. Desai's Maternity Home, Vjaykar Wadi, Silvan Villa, S. V. Road, Malad (West). (4-2-1951) ...	18	426	17	443	...	...	...
5	Dr. Chandrakant R. Joshi's Eye and Maternity Home, Goras Road, Ahilya Ashram, S. V. Road, Malad. (July 1952) ...	20	85	...	85	...	20	...	
6	Bagwe Maternity Home, Bagwe Bhuvan, Goregaon. (20-7-1951) ...	13	140	...	140	...	40	...	
7	Mrs. Nalini Patwardhan's Colony Maternity and Gynec. Hospital, Jay Prakash Nagar, Goregaon. (September 1952) ...	6	13	...	13	...	...	...
8	Dr. Warke M. G. Hospital, "Suman", 6th Road, Plot No. 104 ...	6	71	2	73	...	...	...
9	Date Maternity and Nursing Home, 23 Jawahar Nagar, S. V. Road, Goregaon (West). (20-9-1960) ...	15	218	6	224	...	...	...
10	Dr. Suchak's Maternity and General Hospital, Manchubhai Road, Malad (East). (1950) ...	30	570	8	578	...	...	...
11	Shri S. K. Patil Arogyadham Maternity Dham, Daftary Road, Malad. (1959) ...	20	254	8	262	...	...	...
12	Family Clinic, I. N. S. Hamla, Marve Road, Malad (1952) ...	6	13	...	13	...	...	...
13	Satguru Sainath Maternity Home, S. V. Road, Goregaon (West) ...	10	190	3	193	...	...	...
14	Dr. Ray's Maternity Home, 24, Jawahar Nagar, Goregaon (1969) ...	6	20	1	21	...	...	...
15	Dr. Bheja's Maternity Hospital, 79, Jawahar Nagar, Goregaon West. ...	15	351	6	357	...	...	...
16	Patni Maternity and Gyn. and Nursing Home, 8, Jawahar Nagar, Goregaon. (5-11-1965) ...	15	780	47	827	...	...	...
17	Dr. Kale's Maternity Hospital, 109, Jawahar Nagar, Goregaon (West). (1963) ...	10	32	1	33	...	...	...
18	Kanadia Maternity and Surgical Nursing Home, Malani G. Road, Goregaon (West). (19-10-1968) ...	10	110	3	113	...	...	...
19	Dr. Guiriba Maternity Hospital, Mamlatdar Wadi, Malad (June 1963) ...	15	373	3	376	...	...	...
20	Shobha Maternity Home and General Hospital Plot No. 33A, Daftari Road, Malad (East). (9-9-1968) ...	15	227	3	230	...	...	...
21	Kalpana Maternity and Surgical Home, Jawahar Darshan, Daftary Road, Malad (East). (April 1968) ...	10	300	2	302	...	...	...
22	Dr. Puranik's Maternity and Nursing Home, Mamlatdar Wadi, Malad (West) ...	5	4	...	4	...	...	...
23	Malad Maternity Hospital, Krishna Varma Wadi, Daftary Road, Malad. ...	4	1	...	1	...	...	...
24	Baliga Nursing Home, "Paras", S. V. Road, Goregaon (West) ...	28	199	4	203	...	...	...
25	Dr. Fernandes Maternity & Surgical Hospital, Ant's Hill, Orlem, Marve Road, Malad (West). (21-2-1971) ...	8	67	...	67	...	...	...
26	Kothari Maternity Home, Bachani Nagar, Malad (East) (1-1-1971) ...	13	279	1	280	...	...	...
27	Usha Maternity & Nursing Home, 93, Usha Niketan, Aarey Road, Goregaon (East). (June 1971) ...	8	232	6	238	...	...	...
28	Jyoti Maternity & Nursing Home, Tagore Park, Kothari Wadi, S. V. Road, Malad. (15-8-1971) ...	5	100	...	100	...	...	...
29	Dr. Suchak Hospital, Quarry Road, Malad. (3-11-1972) ...	20	438	5	443	...	...	...
30	Matru Chhaya Maternity and Nursing Home, Malwani Colony, Malad, Bombay-64. (27-3-1971) ...	6	29	...	29	...	...	...
31	Aarey Colony General Hospital, Bombay-66. (1971) ...	8	75	1	74	...	...	...
32	Dr. Bhatt's Maternity Home, 79, Jawahar, Nagar, Goregaon (East), Bombay-62. ...	12	846	11	357	...	...	...
33	Dr. Ruia's Maternity Home & General Hospital, Sujatha Bldg., Quarry Road, Malad (East) ...	6	94	...	94	...	...	...
34	Dr. P. R. Shah's Maternity Home & General Hospital, Ganga Building III, Co-operative Housing Society Quarry Road, Malad, Bombay. 64 ...	20	167	9	170	...	...	...
P—Ward: Total		...	485	11,916	277	12,193	...	2,371	3,629

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination	
'R' WARD									
1	Radhabai Dhamanmal Ishwardas Bhatia Municipal Maternity Home Irani Wadi, Mathuradas Road, Kandivli. (1-4-1963) ...	20	1,275	29	1,304	...	791	982	
2	Borivli Municipal Maternity Home, S. V. Road, near Borivli Station, Borivli (4-8-1968) ...	20	2,623	77	2,700	1	2,015	1,682	
3	Pandya Maternity Home, Eksar Cross Lane, 2 Patel Road, Borivli. (3-9-1950) ...	14	314	1	315	1	...	...
4	Bagwe Maternity Home, Tilak Road, Borivli West. (18-2-1952) ...	8	63	6	69	...	...	...
5	Sumati Maternity Home, S. V. Road, Borivli (March 1945) ...	30	473	10	483	...	300	...	
6	Palkar Maternity Home, Opp Rly. Station, C. B. Road, Borivli. (5-7-1953) ...	10	80	3	83	...	...	...
7	Radhabai Dalvi Hospital and Maternity Home, C. B. Road, Kandivli. (1-1-1928) ...	30	477	10	487	1	6	...	
8	Dr. Joglekar Maternity Home, G. B. Road, Kandivli. (1947) ...	10	41	2	43	...	...	...
9	Mehta Maternity Hospital, Bhirji Kerc's Bungalow, Chandarvarkai Lane, Borivli. (9-7-1950) ...	12	46	4	50	...	...	...
10	Usha Maternity Home, Shantilal Meadi Road, Kandivli, (West). (1967) ...	10	206	...	206	...	...	...
11	Dr. Usha Hospital, Borivli (West). (1960) ...	12	106	9	115	...	...	...
12	Nardani Maternity Hospital, Prerlal Nagar, Opp. North Level Crossing, S. V. Road, Borivli (East). (17-5-1970) ...	20	903	17	920	...	...	...
13	Laxmi Maternity Home, Nardadeep, 169, Shri Krishna Nagar, Borivli, Bcn. bay-92 (1961) ...	14	12	2	14	...	...	...
14	Mahalaxmi Maternity Home, S. V. Road, Kandivli. (1960) ...	5	3	...	3	...	...	...
15	Shreyas Masrani Nursing Home, Sharkar Lane, New Kandivli Co-op. Housing Society Ltd., Bombay-81. (20-6-1971) ...	10	372	2	374	...	...	...
16	J. M. C. Medical Centre and Nursing Home, Gandhi Building Akurli Road, Kandivli (East) ...	5	...	...	...	...	...	...
17	Matru Chhaya Maternity and Surgical, Prashanta, Dattapada Road, Borivli (East). (20-1-1972) ...	6	9	...	9	...	...	...
18	Dr. Parikh Maternity & General Hospital Dattapada, Borivli (East), Bombay-92. (15-8-1973) ...	7	150	2	152	...	...	...
19	Bhandarkar Hospital for Women and Children, 193-A, L. T. Road, Borivli (West), Bombay-92. (18-3-1973) ...	7	36	...	36	...	...	...
20	Dr. S. Shil Hospital, Jervan Binn Nagar, S. V. Patel Road, Borivli (West) (1974) ...	4	9	...	9	...	...	...
21	Akuri Road Municipal Maternity Home, Kandivli (East) ...	21	23	...	23	...	...	...
22	Dr. Kundan Shah's Hospital for Women, S. V. Road, Borivli (West) (1974) ...	6	...	...	...	...	...	...
23	Jayshree Hospital, Dahisar (West) (1974) ...	12	175	6	181	...	...	...
24	Hemangi Maternity and General Hospital, L. T. Road, Vazire Naka, Borivli (West) (1974) ...	10	10	...	10	...	...	...
25	Hirtilal Bhagwati Municipal General Hospital, S. V. Road, Borivli (West) (1968) ...	...	11	8	19	...	...	...
R Ward: Total		...	303	7,417	188	7,505	3	3,106	2,664

TABLE 23—(Contd.)

Serial No.	Name of Institution (date of establishment in brackets)	No. of Beds	Live birth	Still birth	Total confinements	Death among Mothers	Neo-Natal vaccination against Smallpox	B.C.G. vaccination	
'T' WARD									
1	Municipal Maternity Home, Bhandup. (1-1-64)	20	4,285	115	4,400	...	1,570	2,655	
2	Municipal Maternity Home, Mulund (West), Bombay-80. (1967)	30	3,204	80	3,284	...	...	2,220
3	Manasdevi T. Agarwal General Hospital, Mulund, Bombay-80. (1968)	...	2	17	19	...	...	...
4	Naval Hospital, Pawai, Bhandup. (28-10-1964)	10	77	..	77	...	...	...
5	Indian Institute of Technology, Powai, Bombay-76. (1954)	5	100	2	102	...	...	...
6	Modern Maternity & Nursing Home, 68, Mulund Colony, Mulund (1-1-1961)	6	69	2	71	...	...	...
7	Dr. M. J. Thakkar's Maternity Home, Mulund. (1-6-1966)	6	41	2	43	...	...	...
8	Navjiwan Maternity and Nursing Home, Mulund (East). (5-6-1966)	11	175	6	181	...	...	...
9	Dr. Bhagwat's Maternity Home, M. G. Road, Jomuna Sadan, Mulund. (September 1964)	6	120	5	125	...	...	...
10	Mulund Poly Clinic Maternity & Nursing Home, Ambedkar Road, Mulund (West). (1956)	6	17	...	17	1	...	...
11	Dr. Badwik Maternity Hospital, Agra Road, Bhandup. (15-8-1950)	12	286	4	290	...	...	...
12	Dr. Cor's Laxmibai Maternity Hospital, M. G. Road, Mulund. (1950)	15	403	8	411	...	...	...
13	Shah Clinic and Maternity Hospital, J. M. Road, Bhandup. (30-4-1968)	5	217	8	225	...	...	...
14	Mulund Maternity and Nursing Home, Cajanan Mansion, Mulund. (2-6-1940)	10	148	4	152	...	...	...
15	Dr. Bhatia's Hospital, "Carrey's Retreat", Village Road, Bhandup, Bombay 78.	8	241	11	252	...	...	...
16	Dr. Ganatra's Maternity Home, Opp. Railway Station, Mulund. (20-3-1952)	15	437	...	437	...	...	...
17	Dr. Buch's Maternity Home, Munshi Estate, G. Road, Mulund. (3-10-1965)	10	342	10	352	...	...	...
18	Dr. Khandekar's Maternity Home, Lokmanya Tilak Road, Mulund (East). (December 1961)	3	17	...	17	...	...	...
19	Shri Naresh Manilal Gandhi Sarvajanic Hospital, Mulund, Bombay-80.	4	24	1	25	...	...	...
20	Mangala Maternity and Surgical Hospital, L. B. Shastri Marg, Bhandup. (6-12-1971)	15	503	3	508	...	38	...	
21	Urvashi Hospital, N. S. Road, Mulund (West), Bombay-80. (27-5-1973)	4	41	1	42	...	...	...
22	Sanjivani Maternity and General Nursing Home, Poornima, 503, M. G. Road, Mulund (West), Bombay-80 (1-11-1973)	5	81	3	84	...	...	...
23	Prasanna Maternity and Gynaec. Nursing Home, Umayya Mahal Dr. R. P. Road, Block No. A-1, A-2, Mulund, Bombay-80.	5	122	5	127	...	...	...
T Ward: Total		...	211	10,954	287	11,241	1	1,638	4,575

Ward-wise total Confinements in institutions in Greater Bombay doing Maternity Work during 1974.

WARDS.	A	B	C	D	E	F/N	F/S	G/N	G/S	H	K	L	M	N	P	R	T	Total
No. of Institutions ...	16	8	7	63	19	29	15	35	11	39	41	6	14	16	34	25	23	401
No. of Beds ...	492	187	145	844	494	378	554	354	319	619	590	95	160	421	485	303	211	6,651
Live Births ...	7,789	5,103	2,210	12,235	14,078	11,403	15,466	6,325	8,479	14,192	16,392	7,248	7,893	14,322	11,916	7,417	10,954	1,73,422
Still Births ...	181	102	58	279	357	409	543	141	216	326	484	192	162	203	277	188	287	4,405
Total Confinements...	7,970	5,205	2,268	12,514	14,435	11,812	16,009	6,466	8,695	14,518	16,876	7,440	8,055	14,625	12,193	7,505	11,241	1,77,817
Deaths among Mothers	13	3	...	4	27	24	39	3	1	3	21	4	3	9	...	3	1	158
Neo-Natal Vaccinations against Small-Pox ...	3,345	2,763	200	868	8,494	995	5,333	2,672	6,553	7,768	4,129	3,861	3,476	4,023	2,371	3,106	1,608	61,565
B.C.G. Vaccination ...	5,553	1,694	633	4,623	9,687	8,202	12,602	5,735	5,003	6,158	10,105	3,005	4,631	...	3,629	2,164	4,875	87,859