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ADMINISTRATION REPORT

OF THE

CORPORATION OF MADRAS

FOR

1912-1913

No. 57460.

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THE GUARDIAN PRESS
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1913

செப்பனிடுபவர் பெயர்

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OFFICE OF THE ... MADRAS

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OFFICE OF THE REGISTRAR OF BOOKS
27 JUL 1914
MADRAS.

CORPORATION OF MADRAS.

REPORT OF THE PRESIDENT FROM 1st APRIL 1912 TO 31st MARCH 1913.

Changes in the Constitution of the Corporation.

1. *Elections.*—The lists of persons qualified to be elected municipal commissioners and of those qualified to vote at such elections were revised in accordance with the provisions of Section 46 of the Madras City Municipal Act, 1904, with the result that 485 persons were registered as qualified for election as commissioners and 10,033 persons as qualified to vote, the corresponding figures for the preceding year being 502 and 9,824, respectively. The percentage of persons qualified to be elected as commissioners to the total literate (in English) adult male population of the City was 1·347 and that of persons qualified to vote to the total adult male population of the City both literate and illiterate was 6·394.

2. During the year under review, two elective seats fell vacant owing to the death of M. R. Ry. B. V. Ramanjulu Nayudu Garu, Commissioner for the 16th Division, and to the expiry of the three years' term of Surgeon-Major F. Clarence Smith, I. M. S., (*retired*), Commissioner for the 14th Division. The elections for these two seats were contested and M. R. Ry. G. R. Authikesavulu Nayudu Garu and Surgeon-Major F. Clarence Smith, I. M. S., (*retired*), were duly elected under Section 39 of the Act. The percentage of voters who exercised the franchise on these occasions to the total number registered was 74.

Particulars of the elections will be found in Appendix II., Table 29.

3. *Representatives of the Chamber of Commerce.*—Mr. W. B. Hunter and Mr. C. H. Straker appointed on 25th April 1911 and 9th May 1911, respectively, continued to hold office during the year. Mr. A. J. Leech resigned his seat on 18th April 1912 and Mr. H. H. Chettle was appointed instead on 21st May 1912.

4. *Representatives of the Trades Association.*—The Hon'ble Mr. R. M. Savege, Mr. C. H. Higginbotham and Mr. A. C. Berryman appointed on 3rd January 1911, 30th May 1911 and 29th August 1911, continued to hold office during the year.

5. *Representative of the Harbour Trust Board.*—Khan Bahadur Muhammad Abdul Kuddus Badsha Sahib Bahadur appointed on 23rd January 1912 continued to hold office during the year.

6. *Representative of the Madras and Southern Mahratta Railway Company.*—Mr. L. H. Kirkness appointed on 4th July 1911 continued to hold office during the year.

7. *Nominations by Government.*—Muhammad Shariff Sahib, Khan Bahadur,

Mr. E. S. Hensman, Yáqúb Hasan Sahib Bahadur, Mr. James Short, Mr. C. B. Cunningham and Lt.-Col. C. Donovan, I. M. S., remained in office throughout the year. The term of Captain L. Hirsch, I. M. S., expired on 8th June 1912, but he was re-appointed on 11th *idem*. On his resigning his seat on 21st December, Major C. G. Webster, I.M.S., was appointed in his place on 21st January 1913. M. R. Ry. Rao Bahadur A. C. Pranatartihara Aiyar Avargal ceased to be a commissioner on 15th March 1913 on the completion of the term of three years, but he was re-appointed on 18th March 1913.

Reinstatement.

8. Under Section 54 of the Madras City Municipal Act, 1904, the following commissioners lost their seats on the Corporation by failing to attend either three consecutive general meetings or six successive meetings in all. But they were all reinstated during the course of the year under the proviso to Section 55.—

Name.	*Date of loss of seat.*	*Date of reinstatement.*
Mr. James Short	21st May 1912	18th June 1912
The Hon'ble Dr. T. M. Nair	18th June 1912	16th July 1912
Yáqúb Hasan Sahib Bahadur	12th Sep. 1912	24th Sep. 1912
Do. do.	17th Dec. 1912	19th Dec. 1912
M. R. Ry. T. Rangachariyar Avargal	14th Mar. 1913	18th Mar. 1913
Mr. A. C. Berryman	20th Aug. 1912	21st Aug. 1912
M.R. Ry. P. M. Appaswami Pillai Avargal	18th Feb. 1913	18th Mar. 1913

Death of a Commissioner.

9. I have to record with regret the death of M. R. Ry. B. V. Ramanjulu Nayudu Garu, elected Commissioner of the 16th Division, on 8th August 1912. He was in office for a short period of about two years.

Executive Officers.

10 There was no change in the *personnel* of the offices of the President, the Health Officer and the Revenue Officer during the year under report. Mr. E. P. Richards having been appointed Chief Engineer under the Calcutta Improvement Trust handed over charge of his office of Engineer on 13th September 1912 to Mr. J. E. Hensman, the Senior Assistant Engineer, who officiated until 22nd March 1913 when Mr. J. R. Coats, the permanent Engineer appointed by Government, relieved him.

Mr. J. W. Madeley continued to be the Special Engineer for the design and execution of the new water and drainage works. The period of five years for which his services were first engaged expired on the 21st November 1912 and under a fresh agreement entered into on the same date his term of employment on the special works has been extended by Government for a further period of five years.

Representative of the Corporation on the Legislative Council.

11. In pursuance of G. O. No. 175, Legislative, dated 2nd November 1912, Dr. T. M. Nair was elected by the Corporation as its representative on the local Legislative Council and the election was notified in the Fort Saint George Gazette on 1st January 1913.

Meetings.

12. During the year the Corporation held 27 meetings of which 12 were general meetings, 6 adjourned general meetings, 7 special meetings and 2 adjourned special meetings. The average number of commissioners, including the President, present at each meeting was 28 against 27 in the previous year. The percentage of attendance to the sanctioned strength was 76·1 among divisional commissioners, 64·8 among institutional commissioners and 62·5 among nominated commissioners.

13. The Standing Committee met thirty times.

Committees.

14. (1) The Corporation at their meeting held on 21st May 1912, appointed a Committee to propose by-laws regarding construction of house drainage. The draft by-laws proposed by this Committee were with certain alterations adopted by the Corporation at their meeting held on 16th July 1912. They were approved by Government with further modifications in G. O's. No. 2340 M., dated 26th November 1912 and No. 732 M., dated 5th April 1913, and have now been published with reference to Section 478-(a) of the Madras City Municipal Act, 1904, before they are finally adopted by the Corporation.

(2) Another Committee was appointed on 21st May 1912 to consider and report what further by-laws were needed to regulate the conduct of business at the meetings of the Corporation. This Committee suggested that the existing by-laws Nos. 5 and 15 should be amended and the draft amendments which were adopted by the Corporation were approved and confirmed by Government in G. O. No. 1076 M., dated 2nd June 1913.

(3) On the 16th July 1912, a third Committee was appointed to report on the proposals for the levy of additional taxes and license fees for meeting the extra cost involved in the re-organization of the Works and Revenue Departments and the License Branch. The Committee reported and the Corporation approved its modified proposals subject to the reservations that efforts should be made to provide the increased cost from the surplus in the current revenues in the first instance and that the additional taxation should be gradually resorted to whenever necessary. The Government while accepting them generally, have deferred to a convenient time the consideration of the question to amend schedule VI of the Madras City Municipal Act, 1904, to give effect to some of the proposals (G. O. No. 906 M. Mis., dated 5th May 1913).

(4) Again on the 21st August 1912 a Committee was organized to consider and report on rule 15 of the building regulations requiring the provision of one-third open space in the case of certain buildings with a view to make suitable alterations therein consistent with sanitary principles. The remarks of the Engineer and the Health Officer were invited. Those of the latter are awaited.

Tramways.

15. The extension of the tramway line from the Custom House to St. Peter's Church, Rayapuram, was completed by the Tramway Company and opened for public traffic during the year under report under the sanction conveyed in G. O's.

No. 1110 M. Mis., dated 15th June 1912 and No. 1562 M. Mis., dated 24th August 1912.

Reference was made in paragraph 14 of the report for 1911-12 to the question of the removal of the tramway line in Chintadripet and its replacement by a double track line along the Body Guard Road, Government House Bridge and Mount Road. The matter again came up for consideration during the year, as the Tramway Company modified its previous terms and offered to contribute Rs. 57,255 towards the cost of widening the bridges and roads involved in the proposed diversion of Chintadripet line subject to the conditions :—

(1) that the track rent and tax on tram cars should be consolidated into a lump sum of Rs. 250 per mile of route *per annum* for the present lines and for all future extensions and

(2) that the tram cars should be exempted from taxation for a period of 25 years.

But the Standing Committee declined to accept these proposals also. The Company has now further modified its proposals and agreed to widen the bridges to the satisfaction of the Corporation and the Chief Engineer to Government and pay one-half of the cost thereof, the other half being borne by the Corporation. The matter is under the consideration of the Standing Committee.

Resolutions of the Corporation.

16. The following are among the more important resolutions passed by the Corporation during the year under report.—

(1) *Resolution of 23rd April* 1912—The Standing Committee, at their meeting held on 26th March 1912, recommended that Government be moved to amend Section 262 of the Madras City Municipal Act, 1904, with a view to exercise sufficient control over structures made of inflammable materials. The recommendation of the Standing Committee was approved by the Corporation and submitted to Government. In G. O. No. 1803 M. Mis., dated 30th September 1912, the request was noted for consideration at the time of the general amendment of the Act.

(2) *Resolution of 22nd October* 1912—Requesting Government to relieve the Corporation of the annual contribution to Provincial Funds of (1) Rs. 20,000 on account of hospitals in the City and (2) Rs. 50,000 for general purposes. The resolution was forwarded to Government for orders with the President's letter dated 17th February 1913.

(3) *Resolution of 19th November* 1912—Proposing that the estimated amount of Rs. 10,63,000 required for meeting the initial cost of the extension of electric lighting to two-thirds of the City be borrowed in instalments of three lakhs a year and that the rate of the lighting tax be raised from $1\frac{1}{4}$ to $1\frac{3}{4}$ per cent. to provide for the sinking fund and interest on the loan. This proposal was generally approved by Government in G. O. No. 48 M., dated 8th January 1913.

(4) *Resolution of 19th December* 1912—Recommending to Government (1) that leprosy should be declared a dangerous disease under Sections 366 and 3 (7) (*b*) of the Madras City Municipal Act, 1904, and (2) that lepers should be prohibited under Section 9 (*d*) of the Indian Lepers Act, 1898, from engaging themselves

in the profession of (*a*) teachers or (*b*) vendors of food stuffs. The Government having decided to introduce the Indian Lepers Act throughout the Presidency, a reference to them in regard to points 1 and 2 (*b*) became unnecessary ; but the desirability of prohibiting lepers under Section 9 (*d*) from engaging in the profession of teachers was pressed on the attention of Government in the President's letter No. R. O. Govt. C. 53, dated 22nd February 1913 (*vide* G. O. No. 321 Pub., dated 7th March 1913).

(5) *Resolution of 19th December* 1912.—The Corporation requested the Government to make over to them the fines collected under the public nuisance and sanitary clauses of the City Police Act as in the case of the mufassal municipalities. But in G. O. No. 1074 M., dated 30th May 1913 this request was disallowed.

(6) *Resolution of 19th December* 1912—Requesting Government to remove their brick and lime kilns on the Poonamallee road outside the municipal boundaries. The resolution was forwarded to Government, Public Works Department, with the President's letter, dated 21st January 1913. Orders are awaited.

Revenue Administration.

17. The work of the Revenue Department continued to be satisfactory and there was a further marked increase in the revenues of the Corporation during the year under report. The current revenues under the combined property taxes, the tax on arts and professions and the tax on vehicles and animals rose by Rs. 43,163-5-6 against Rs. 81,252-6-6 in 1911-12. The large increase in the previous year was due mainly to an enhancement of the assessment on the Government civil buildings in the City with effect from the second half of 1911-12, which brought in an additional income of Rs. 32,631-6-4 for the half year, the increased tax having been prepaid with reference to Section 174. But in the year under report the tax on Government civil and military buildings was paid according to the old assessments and the payment of the increase amounting to Rs. 72,432-7-6 for the two half years, was withheld pending the settlement of the assessments by a Committee appointed for the purpose by Government in G. O. No. 1770 W., dated 27th November 1912. If this sum had been paid, the increase under current revenues would have amounted to Rs. 1,15,595-13-0.

The system of giving blank forms of receipts to bill collectors who filled them up and issued them to tax-payers when they paid the taxes, was discontinued and the system in force in the Calcutta Corporation of writing up the receipts in the office completely before handing over the bill books to the bill collectors, was introduced during the year under the sanction of Government—G. O. No. 1320 M. Mis., dated 18th July 1912. The new system is working satisfactorily.

Finance.

18. The year opened with a balance of Rs. 18,46,449-13-2 against Rs. 21,03,117-12-10 in the previous year. The Corporation received a free grant of Rs. 18,50,000 for the improvement of water supply and drainage. The revenue from all sources inclusive of the grant referred to above, amounted to Rs. 44,76,675-4-8 against Rs. 34,32,076-5-9 in 1911-12. The total receipts for the year including the opening balance were Rs.63,23,125-1-10 against Rs.55,35,194-2-7

in the preceding year. The net income of the year after deducting the opening balance and the Government grant was Rs. 26,26,675-4-8 against Rs. 25,32,076-5-9 in the previous year thus showing an increase of Rs. 94,598-14-11. Towards the net income of Rs. 26,26,675-4-8 specified above the municipal taxes contributed Rs. 17,87,166-8-3 and municipal fees and miscellaneous receipts Rs. 8,39,508-12-5 against Rs. 17,42,911-15-4 and Rs. 7,89,164-6-5 respectively in 1911-12. A sum of Rs. 72,432-7-6 on account of taxes on Government buildings in the City was, as already pointed out, not paid during the year and consequently the actual collections under Municipal taxes fell short of the revised estimate by Rs. 45,693-7-9.

19. The total expenditure of the year was Rs. 27,60,512-4-2 under the revenue account and Rs. 13,20,343-12-11 under the capital account or Rs. 40,80,856-1-1 on the whole, against an estimate of Rs.47,08,600 and against Rs. 36,88,744-5-5 in the previous year. Deducting the expenditure of Rs. 40,80,856-1-1 from the total receipts of Rs.63,23,125-1-10 there remained at the close of the year a balance of Rs. 22,42,269-0-9, of which Rs. 16,46,310-5-4 represented the balance under the capital account.

Tax on Professions, Arts, Trades and Callings under Section 120.

Current.

20. The gross current demand under this tax rose from Rs. 1,64,810 to Rs. 1,69,525. After deducting the subsequent remissions and reductions on appeal, the net demand amounted to Rs. 1,69,425 against Rs. 1,64,570 or Rs. 4,855 more than in the previous year. The number of assessments also rose from 13,843 to 13,871 or by 0·2 per cent.

21. Appendix I, Statement IV—C shows the assessments for the year under report classified under the several classes of the profession tax schedule and compares them with those of 1911-12. During the year, 122 objections to the assessments were received as against 198 in the previous year. These were disposed of at three sittings of the Appeal Board constituted under Section 172 of the Act, with the result that in 19 cases the assessments were reduced, in 10 cases they were cancelled, and in the remaining 93 cases, they were confirmed. The reduction made by the Board in the demand was only Rs. 60.

Seven appeals were preferred to the Presidency Magistrates under Section 175 of the Act, against the decision of the Appeal Board. In four cases the Magistrates dismissed the appeals, and in three they reduced the assessments by Rs. 40.

22. The current collections of the year amounted to Rs. 1,68,605 against an estimate of Rs. 1,64,500 and against Rs. 1,63,622-8-0 actually collected in the previous year. A sum of Rs. 10 was written off as irrecoverable and Rs. 810 was left uncollected at the end of the year against Rs. 947-8-0 in 1911-12. Out of this balance, Rs. 522-8-0 have since been collected, leaving an actual balance of Rs. 287-8-0 for further recovery and adjustment. Two suits for the recovery of Rs. 42-8-0 of this balance have been filed in the Court of Small Causes and they are pending disposal. The percentage of collections to the demand was 99·52

MADRAS

against 99·42 in 1911-12 and was the highest on record. The incidence of taxation per head of the population was Re. 0-5-3 against Re. 0-5-1 in the previous year.

Arrear.

23. The arrear demand outstanding at the beginning of the year was Rs. 1,028-8-0 which, by subsequent assessments, rose to Rs. 2,081 against Rs. 2,794-13-2 in 1911-12. This demand was reduced to the extent of Rs. 82-0-10 by remissions and reductions on appeal, and the net arrear demand amounted to Rs. 1,998-15-2. Of this, Rs. 1,950-7-2 was collected during the year and Rs. 6 was written off as irrecoverable, leaving Rs. 42-8-0 uncollected at the close of the year. A suit has been filed in the Court of Small Causes for the recovery of Rs. 37-8-0 and a decree obtained therefor. The judgment-debtors being insolvent, claims have been registered for the amount in the office of the Official Assignee and steps will be taken to adjust it when the dividends are declared. The percentage of collections to the demand was 97·55 against 89·76 in the previous year, the percentage being the highest on record.

House, Water and Drainage and Lighting Taxes combined.

Current.

24. The gross current demand under the consolidated rates levied on buildings and lands amounted to Rs. 15,17,271-7-11 against Rs. 14,23,984-12-1 in 1911-12. The gross increase of Rs. 95,985-12-2 over the net demand of the previous year was derived from re-valuations and revisions of assessments made during the year as particularised below :—

Rs. 19,591-1-1 from the general revision of assessments in divisions 14, 15, 19 and 20, of which the revisions of 14th and 15th divisions had effect only in the second half of the year ; Rs. 21,393-15-10 from assessments imposed on new buildings and from the enhancement of assessments on buildings on account of alterations and improvements ; and Rs. 55,000-11-3 from enhancements made in 1911-12 which had effect for only one half of that year, against a full year in the year under report.

The above increase includes also the enhanced assessments on the Government Civil and Military buildings now under adjudication by the Joint Committee.

25. During the year, 8,333 notices were issued under Section 137 on account of enhancement of valuations and assessments newly imposed against 13,121 in 1911-12 ; 443 appeals were preferred against these enhancements and assessments and 127 against the standing assessments, making a total of 570 appeals against 1,107 in the previous year. These appeals were heard at ten sittings of the Appeal Board constituted under Section 172 of the Act, with the result that in 187 cases the assessments were reduced, the aggregate reduction amounting to Rs. 754-1-10 and in 383 cases the assessments were confirmed. Twenty-seven appeals were preferred to the Presidency Magistrates under Section 175 of the Act against the decision of the Appeal Board ; in eighteen of these cases the valuations as fixed by the Board were reduced by the Magistrates, the reductions amounting to Rs. 466-15-10, and in the remaining nine cases the decision of the Appeal Board was upheld.

26. The net increase after deducting the reductions made by the Appeal Board and the Magistrates was Rs. 94,764-10-6 against Rs. 1,03,573-14-9 in 1911-12; and the net demand amounted to Rs. 15,16,050-6-3 against Rs. 14,21,285-11-9 in the previous year. The net current collections amounted to Rs. 14,20,425-9-8 against Rs. 13,95,546-2-5 in 1911-12. This figure includes a sum of Rs. 7,389-12-4 paid in advance in 1911-12 for the year under report and excludes a sum of Rs. 6,658-10-3 received in advance in the year under report for the ensuing year as well as a sum of Rs. 85-4-7 which remained undisbursed at the end of the year out of the amounts refundable to parties in consequence of the reduction of assessments allowed on appeal. A sum of Rs. 16,129-15-7 was remitted on account of vacancy under Section 142 of the Act and other causes, against Rs. 13,896-12-9 in 1911-12 and Rs. 3-0-6 was written off as irrecoverable. The balance left outstanding at the close of the year (after excluding Rs. 72,432-7-6 due by Government in respect of civil and military buildings the payment of which has been postponed pending the decision of the Joint Committee referred to in paragraph 17 *supra*,) was Rs. 7,059-5-0 against Rs. 11,838-8-5 at the end of 1911-12. The percentage of collections to the demand (exclusive of the sum due by Government) was 98·46 against 98·19 in the previous year. The incidence of taxation per head of the population was Rs. 2-14-9 against Rs. 2-11-10 in 1911-12.

27. The total current demand, collection, remission and balance under the combined property taxes as compared with the corresponding figures for the previous two years are exhibited in Appendix I, Table No. 1.

Arrear.

28. The arrear balance at the beginning of the year was Rs. 11,910-14-4 which by subsequent amendments was reduced to Rs. 11,740-1-6. Of this demand, a sum of Rs. 10,953-8-6 was realised during the year, Rs. 415-1-2 was remitted on account of vacancy and other causes and Rs. 3-4-9 was written off as irrecoverable. The balance left outstanding at the end of the year was Rs. 368-3-1. The percentage of collections to the demand was 93·30 against 90·20 in 1911-12, the percentage being the highest on record.

29. The total demand, collection, remission and balance under arrears as compared with the corresponding figures for the previous two years are shown in Appendix I, Table No. 2.

30. Out of the total balance of Rs. 7,427-8-1 outstanding at the end of the year, *viz.*, Rs. 7,059-5-0 under current and Rs. 368-3-1 under arrear (exclusive of the sum due on Government buildings under appeal), a sum of Rs. 5,493-14-11 has been collected and adjusted up to the end of June 1913 leaving a sum of Rs. 1,933-9-2 for recovery and adjustment in the course of the year.

31. The details relating to each of the combined property taxes dealt with above, *viz.*, House, Land, Water and Drainage and Lighting taxes are exhibited separately in Appendix I, Statements IV-A and B.

Tax on Vehicles with springs and on Animals under Section 150.

Current.

32. The net demand under this tax rose from Rs. 1,07,162-8-0 to Rs. 1,09,501-3-3 or by Rs. 2,338-11-3.

33. Appendix I, Table No. 3 compares the number of vehicles and animals assessed for the year 1912-13 under the several classes of schedule VI of the Act with the corresponding figures for the previous year.

34. The current collections inclusive of Rs. 1,305 received in advance for the ensuing year amounted to Rs. 1,08,689-5-6. The net collections for the year were thus Rs. 1,07,384-5-6 which with Rs. 1,080 prepaid in the previous year on account of taxes due for the year under report amounted to Rs. 1,08,464-5-6 against an estimate of Rs. 1,06,780. The balance left uncollected at the close of the year was Rs. 1,036-13-9 and of this sum Rs. 424-13-7 has since been collected leaving Rs. 612-0-2 for further recovery and adjustment. The percentage of collections to demand was 99·02 for vehicles and 99·10 for animals against 99 in each case in the previous year, the percentages being the highest on record. The incidence of taxation per head of the population was $\frac{\text{Re. 0-2-1 for vehicles}}{\text{Re. 0-1-3 for animals}}$ or the same as in 1911-12.

Arrear.

35. The arrear demand at the beginning of the year both under vehicles and animals was Rs. 1,118-4-0 which by subsequent amendments and additions rose to Rs. 1,851. Of this sum, assessments amounting to Rs. 170-5-1 were found on investigation to be erroneous and were consequently cancelled and the actual demand stood at Rs. 1,680-10-11. Of this amount, Rs. 1,649-10-7 were collected and Rs. 10-0-4 written off as irrecoverable, leaving a balance of Rs. 21 at the close of the year, for which a claim has already been preferred and registered in the office of the Official Assignee, the defaulter having become insolvent. The percentage of collections to the demand was 97·99 for vehicles and 98·24 for animals against 90·87 and 84·09, respectively, in the previous year and was the highest on record.

Tax on Carts and other vehicles without springs under Section 158.

Current.

36. The demand under this tax amounted to Rs. 32,175 against Rs. 31,617 in the previous year. The number of carts voluntarily offered for registration rose from 7651 to 8160 and the number seized under Section 152 for non-registration fell from 2888 to 2565. Of the 2565 carts seized, 2544 were released on payment and 18 were sold by public auction in default of payment, leaving three carts for disposal at the close of the year.

37. The current collections inclusive of Rs. 912 received in advance for the ensuing year amounted to Rs. 32,368-11-10. The net collections excluding the advance payment were Rs. 31,456-11-10 which with Rs. 672 collected in the previous year towards the demand for the year under report amounted to

Rs. 32,128-11-10 against Rs. 31,563-14-3 in 1911-12. A sum of Rs. 27 was refunded and Rs. 10-4-2 representing the difference between the taxes payable and the amount realised by sale in the case of eight out of the 18 carts referred to above, was written off as irrecoverable, leaving a balance of Rs 9 which represents the tax on three carts seized and awaiting disposal at the close of the year. The percentage of collections to the demand was 99·86 against 99·83 in 1911-12. The incidence of taxation per head of the population was Re. 0-1-0 as in the previous year.

Arrear.

38. The arrear demand at the beginning of the year was Rs. 12 which by subsequent assessments rose to Rs. 48. Of this sum, Rs. 42-12-2 were collected and Rs. 2-3-10 being the difference between the taxes payable and the amount realised by sale in the case of one out of the two carts sold in auction were written off as irrecoverable, leaving a balance of Rs. 3 for further adjustment.

Tolls on vehicles and animals entering municipal limits.

39. The right of collecting tolls for the year under report was put up to public auction and sold for Rs. 43,100 against Rs. 43,500 in the preceding year. The total amount recovered during the year was Rs. 43,127-4-4 which includes interest paid for overdue instalments.

The incidence of tolls per head of the population was Re. 0-1-4 as in the previous year.

Revenue derived from Municipal Property and Powers apart from Taxation.

Current.

40. *Rent of Lands and Buildings.*—The demand under this head for the year was Rs. 26,197-2-2 against Rs. 24,611-14-2 in 1911-12. The increase was due partly to the revision of the scale of rents charged for lands in Treveleyan Basin, Basin Bridge and Wall Tax Roads and to the track rent realized on account of the extension of the tramway lines to Washermanpet and Rayapuram. The collections amounted to Rs. 25,982-4-1 against Rs. 24,486-4-11 in 1911-12. This sum excludes Rs. 758-9-0 being 50 per cent. of the rents collected from certain lessees on Wall Tax and Basin Bridge Roads paid to Government under G. O. Nos. 32 and 878—Revenue, dated 6th January 1902 and 22nd August 1903, respectively. The balance outstanding at the end of the year was Rs. 214-14-1 of which a sum of Rs. 180-7-11 has since been collected. The percentage of collections to the demand was 99·19 against 99·49 in the previous year.

Arrear.

41. The arrear outstanding at the commencement of the year was Rs. 167-1-5 which by subsequent assessments rose to Rs. 288-3-11. Of this sum, Rs. 178-13-11 were collected (including Rs. 8-8-0 paid to Government on account of lands on Wall Tax and Basin Bridge Roads), annas 12 remitted and Rs. 101-9-11 written off, leaving a balance of Rs. 7-0-1 at the close of the year against Rs. 41-8-2

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in 1911-12. The percentage of collections to the demand was 61·11 against 96·36 in the previous year. The fall in the percentage was due to a sum of Rs. 101-9-11 having been written off as irrecoverable.

Payment for occupation of municipal lands under Section 408.

Current.

42. The demand under encroachments amounted to Rs. 5,421-2-8 against Rs. 5,632-12-0 in the previous year. The strict enforcement of the prohibition of occupation in several streets in the interests of traffic resulted in a further decline in the income from this source. The collections from trash sellers amounted to Rs. 1,210-2-6 against Rs. 1,389-13-6 in 1911-12. The fall in this case also was due to the stringent measures adopted by the Health Department against the occupation of roadsides on sanitary grounds. The total demand under the above two heads amounted to Rs. 6,631-5-2 against Rs. 7,022-9-6 in 1911-12, and of this amount, a sum of Rs. 6,557-1-2 was collected, leaving Rs. 74-4-0 uncollected at the end of the year against Rs. 125-5-9 in 1911-12. Of this balance, a sum of Rs. 53-8-0 has since been collected. The percentage of collections to the demand was 98·88 against 98·21 in the previous year.

Arrear.

43. The arrear outstanding at the beginning of the year was Rs. 130-1-1 which with supplemental charges rose to Rs. 134-10-7. Of this sum, Rs. 115-2-7 were collected and Rs. 17-4-0 remitted leaving a balance of Rs. 2-4-0 at the close of the year for realisation. The percentage of collections to the demand was 98·29 against 97·66 in the previous year.

44. *Esplanade rents.*—The income from this source fell from Rs. 2,856 to Rs. 2,159, of which Rs. 1,595 represent the rents charged for the occupation of the Esplanade by circus troupes and theatrical companies and Rs. 564 the rent for the cart stand. No portion of it is now leased for grazing purposes.

45. *Rent of Municipal Cart-Stand* :—The income derived from this head was Rs. 4,908–7–6 against Rs. 3,880–0–4 for the previous year and against Rs. 4,900 budgeted for.

46. *Cartstand fees*: —A sum of Rs. 697-8-0 was collected against Rs. 720 in the previous year. Three cart-stands were closed and one was newly opened.

47. *Grass Farm, Toudiarpet* :—The Corporation grass farm was worked departmentally throughout the year and the total receipts from all sources including the abandoned sewage farms (Rs. 725) amounted to Rs. 40,276–15–5. Nearly forty acres of land which consisted of low lying marsh, pits and plots overgrown with chappar (a species of coarse grass eaten by cattle) have been improved and re-planted with *hariali*. The northern, southern and a portion of the eastern boundaries of the farm which were unprotected against cattle trespass were provided with steel pale fencing at a cost of Rs. 6,250. A small portion of the eastern boundary still remains to be fenced and this work will be taken in hand in the current year. The total area of the farm within the fence, including the Hindu burial ground which was recently taken as part of the farm, is about 109 cawnies or about 136 acres, of which the cultivable area will be about 120 acres.

In fencing the eastern limits of the farm it became necessary to exclude therefrom a large strip of irrigable land as also certain plots which had been improved and replanted with *hariali* early in the year in view of a possible erosion by the sea. The southern portion of the farm was also cut off from irrigation owing to the construction by the Special Works Department of an overflow sewer from the farm pumping station to the sea. The loss of revenue from both these causes as estimated by the Special Engineer amounts to Rs. 6,691-10-8. There was a further loss of Rs. 3,294 in the toddy contract due to an injunction from the High Court restraining the Corporation from leasing the right to extract toddy from the cocoanut and palmyra trees on the farm to any other but the sub-lessee of the late lessee. Were it not for these losses, the total receipts from the farm for the year would have risen to Rs. 50,200. The rents due from Major Meagher, the late lessee of the farm, have not yet been realised, as the suit instituted against him in the High Court for the recovery of the amount is still pending.

The total expenditure on the maintenance of the farm amounted to Rs. 21,390-7-6, but this includes a sum of Rs. 5,859-5-4 spent on reclamation of the forty acres referred to above. The actual cost of maintenance was Rs. 15,531-2-2.

The farm has materially improved under the careful supervision of the License Superintendent and judging from the financial results achieved within this short time, it may safely be assumed that the farm will contribute in future materially to the permanent resources of the Corporation.

48. *Sale of rubbish.*—The receipts under this head which include the contracts for removal of dung from the conservancy depôts and the recovery for reclamation of insanitary pits and ponds by the Health Department fell from Rs. 17,520-5-4 to Rs. 10,970-5-1, the decrease being due to want of competition among contractors for the removal of rubbish.

49. *Slaughter-houses.*—The slaughter-houses in the City were as usual managed by the Corporation. The right of collecting rents for the use of the cattle, sheep and pig slaughter-houses and the piecemeat markets attached to the two former and of levying license fees for the slaughter of animals therein, under Sections 331 & 334 of the Act, was leased out during the year and a sum of Rs. 80,630-5-5 was realised as against the estimate for Rs. 81,000. The total number of sheep, cattle and pigs slaughtered in these slaughter-houses was 372,033, 15,092 and 2,069, respectively. The Corporation meat vans were availed of by the butchers on payment of the prescribed fees. The complaint of delay in the transport of meat by the existing vans will soon be removed by the introduction of motor meat vans which the Corporation have with the approval of Government decided to purchase in the current year. The question of improving the drainage of the slaughter-houses was taken up for consideration during the year by the Special Works Department. In regard to the slaughter of animals, the Society for the Prevention of Cruelty to Animals represented that a more humane method might be adopted in the case of larger animals. The use of "humane killer," an instrument used in England for the slaughter of cattle, was also suggested by the Society, but the instrument does not find favour with the butchers.

The total number of sheep, cattle and pigs slaughtered in private premises under Sections 333 and 335 was 2,057, 4 and 3, respectively.

50. *Markets.*—Of the two markets maintained by the Corporation, *viz.*, Moore Market and Smithfield Market, the former with the Evening Bazaar attached thereto was managed departmentally by the Revenue Department. The fees from the Smithfield Market amounted to Rs. 4,723-6-6 against Rs. 4,555-8-0 in the previous year.

51. *Moore Market.*—The income amounted to Rs. 18,563-0-8 against an estimate of Rs. 18,000. The demand was fully collected within the year.

52. *The New Guzili Bazaar.*—The collections amounted to Rs. 12,835-8-0 against an estimate of Rs. 12,500. The demand was even here fully realized within the year.

53. *Private markets.*—There were 45 markets in the City and the fees collected amounted to Rs. 3,725 as in the previous year.

54. *Dhobykhana*:—No income was derived from this source as the Dhobykhana was not leased during the year under report. The dhobies were permitted to use it free in accordance with a resolution of the Standing Committee. Estimates have been prepared for enlarging and improving the Dhobykhana so as to make it more useful and a reasonable fee will be levied from the dhobies from the current year for the use of the khana.

55. *License Fees on import of timber and firewood.*—The gross collections under this head amounted to Rs. 2,22,412-9-5 which includes a sum of Rs. 2,836-12-6 relating to the previous year in the hands of the collecting agencies and paid in during the year under report and excludes Rs. 3,552-3-6, the fees levied and received by the collecting agencies for March 1913, but not remitted to this office till after the close of the year. The corresponding gross collections for 1911-12 amounted to Rs. 2,17,427-11-10.

56. Refunds of fees on exports granted during the year amounted to Rs. 31,333-12-0 against Rs. 26,792-0-0 in the previous year. The net collections for the year stood at Rs. 1,91,078-13-5 against an estimate of Rs. 1,85,000 and against Rs. 1,90,635-11-10 the actuals of the previous year. In addition to the refund of Rs. 31,333-12-0 paid from the current collections on account of timber exported from imports made during the year, a sum of Rs. 35,985-8-0 was also refunded from collections of previous years under the head of "Refund of other than current collections."

57. *Fees for Licenses, Registration &c.*—The amount collected under this head including fees for private markets and cartstands amounted to Rs. 67,699-2-0 against Rs. 62,518-1-0 in the previous year showing an increase of Rs. 5,181-1-0. Details will be found in Table No. 20 Appendix II. As in the previous year care was taken to see that sanitary conditions were enforced as required by the by-laws. The separate out-door staff of the License Branch sanctioned in G.O. No. 1559 M. dated 24th August 1912 for the purpose of relieving the Overseers of the Works Department of license work was entertained with effect from 1st October 1912. The closer supervision exercised by this staff over places requiring licenses as

evidenced by the increased income under this head has demonstrated the wisdom of this move. Better results are looked for in the current year.

58. *Distraint Fees.*—The distraint fees realized during the year amounted to Rs. 293-10-7 against an estimate of Rs. 300. There were 353 distraints made in the year against 287 in the previous year. Only in 132 of these cases against 136 in the previous year, the distress had to be pushed on to the final stage of sale by auction. This indicates that the taxes were as usual collected without undue severity.

59. *Fines under Municipal and other Acts.*—The amount realized under this head was Rs. 4,185-2-6, against an estimate of Rs. 4,500 and Rs. 5,997-11-8 in the previous year.

60. *Interest on Investments.*— During the year under report a sum of Rs. 2,569-0-10 was realised as interest on the securities in favour of Raja Sir Ramaswami Mudaliyar's Maternity Hospital. The interest derived during the year on investments of the surplus funds of the Corporation amounted to Rs. 55,273-11-5 under the revenue and capital accounts put together against Rs. 60,599-15-9 in the previous year. The decrease was due to a sum of Rs. 12,89,000 having been invested for one year in fixed deposit, the interest on which amounting to Rs. 51,560 will accrue only in the current year.

Grants and Contributions.

61. Contributions amounting to Rs. 18,94,206-10-10 as detailed under, were paid by Government during the year against Rs. 5,48,950 in 1911-12:—

(1) a contribution of Rs. 20,000 for the maintenance of the Mount and Poonamallee roads,

(2) a contribution of Rs. 4,443 for the repair of the bridges over the Cooum and Buckingham Canal,

(3) a compensation of Rs. 13,607 for withholding sanction for the issue of licenses by the Corporation for places used for the sale of spirituous and intoxicating liquors,

(4) a contribution of Rs. 2,000 towards the zoological collections in the People's Park,

(5) a special grant of Rs. 18,50,000 for the improvement of the water supply and drainage of the City,

(6) a contribution of Rs. 300 for the payment of batta to pregnant women in Raja Sir Ramaswami Mudaliyar's Maternity Hospital, and

(7) a contribution of Rs. 3,856-10-10 for census operations.

Payment for water supplied for non-domestic purposes.

Current.

62. The demand under this head amounted to Rs. 1,16,505-14-0 which excludes a sum of Rs. 4,271-2-0 due by Government for the supply of water made to them during the last two months of the year. The bills for this amount were issued after the close of the year under an arrangement entered into with Government.

The current collections came up to Rs. 1,14,667-10-11 against Rs. 1,12,840-10-0 in 1911-12 and Rs. 1,838-3-1 were outstanding at the end of the year. Of this balance a sum of Rs. 1,348-4-5 has since been collected. The percentage of collection to the demand was 98·43 against 98·76 in the previous year.

Arrear.

63. The arrear outstanding at the commencement of the year was Rs. 1,413-8-0 which rose to Rs. 4,052-10-0 by supplemental charges made for the previous year and by bills issued against Government for the two months of the last quarter of the previous year. A sum of Rs. 3,981-6-0 was collected and Rs. 71-4-0 remitted, leaving no balance at the end of the year.

General Incidence of Taxation.

64. The incidence of taxation per head of the population under all taxes including tolls was Rs. 3-7-2 against Rs. 3-5-9 in the previous year. Excluding tolls, the incidence was Rs. 3-5-10 against Rs. 3-4-5 in 1911-12.

Advance Account.

65. The amount outstanding at the beginning of the year was Rs. 1,04,863-4-4, of which permanent advances held by the several officers of the Corporation amounted to Rs. 91,555 and miscellaneous advances to Rs. 13,308-4-4. During the year permanent advances amounting to Rs. 200 and miscellaneous advances of Rs. 5,588-15-3 were adjusted and fresh advances were made to the extent of Rs. 190 under permanent and Rs. 14,141-5-1 under miscellaneous. The advances outstanding at the close of the year were thus Rs. 91,545 under permanent and Rs. 21,860-10-2 under miscellaneous or Rs. 1,13,405-10-2 in the aggregate against Rs. 1,04,863-4-4 at the end of the previous year.

EXPENDITURE.

Grant I.—(*Public Works*).

(*a*) Communications.

New Works.

66. The following works were done during the year :—

(*a*) Constructing a masonry bridge of 4 spans of 6 feet each for connecting Subbaroya Chetti, 3rd lane, with Connur Road.

(*b*) Constructing a 9-inch cast iron pipe culvert in Muthu Mudali Street to provide an outlet for the tank water.

(*c*) Renewing wire fences along the southern side of Moore Road across the Esplanade. The northern side was done during 1911-12.

(*d*) Extending the masonry storm water culvert from Mount Road along Peters Road to Thayar Sahib Street, Rayapettah.

(*e*) Extending towards the north the culvert at the eastern end of Chulai Bazaar Road and providing a cesspool in the main drain close by.

(*f*) Constructing a 2-feet culvert in lieu of a small arch culvert at the junction of Clement's and Letang's roads.

(*g*) Extending 2 culverts in Luz Church Road near houses Nos. 16 and 17.

Out of the revised estimate of Rs. 40,440, a sum of Rs. 7,183 was spent on account of the new road named Lloyd Road, for raising the level and reforming the road and supplying and fixing lamp-posts.

The work of constructing a new bridge connecting "Monkey Island" with the Menagerie enclosure on the east in People's Park, reported as being in progress during the year 1911-12, was completed during the year under report.

67. Lands and buildings were acquired for the following purposes :—

(*a*) For opening a street from the proposed Peddu Naick's Park to the northern streets.

(*b*) For widening Vijia Vigneswarar Coil Street, Chulai.

(*c*) For a street to connect Avadhanam Paupier Road with Hospital Plain, Chulai.

(*d*) For widening Mosque Lane, Triplicane.

(*e*) For connecting Namasivaya Mudali Street with Pycroft's Road.

(*f*) For an approach to the Luz Church Road from two side streets.

Repairs.

68. During the year, 6 miles, 5 furlongs and 22 yards of unmetalled roads were metalled for the first time. The work done in the reform of roads charged to Works Department grant was as follows :—

The number of squares (100 sq. ft.) laid was 71,451 which is equivalent to 67·66 miles of roads 20 feet wide against 62·93 miles in the previous year. *Vide* details as shown in Tables 13 and 14 of Appendix II.

		C. ft.
The quantity of materials used in reform work was	Blue granite	10,81,852½.
	Velacheri	4,71,857½.
	Laterite	6,99,512.

		C. ft.
The quantity of materials used in patch work was	Blue granite	83,643.
	Velacheri	16,185.

The reform of roads was done on the same lines as in the year 1911-12. A list of roads requiring attention is maintained in the office and roads for reform were taken in order of urgency and importance. Attention was also paid to the patching of roads.

The cost of reform including materials, cartage and laying, but exclusive of rolling, was Rs. 2,80,034. The 67·66 miles of roads completely reformed cost Rs. 4,139 per mile against Rs. 4,306 per mile in 1911-12. The decrease in cost per mile was due to the decrease under granite roads and increase in laterite roads reformed during the year.

The comparative figures for granite reform are as shown below, the figures being squares in each case:—

	Granite 9″.	Granite 6″.	Granite 5″.
1911-12.	398¾	1575	...
1912-13.	...	2861½	1251.

	Granite 4″.	Granite 3″.	Granite 2″.
1911-12.	31,218	18,557¼	2,899¾
1912-13.	21,559½	23,622½	2,980.

69. *Tarring roads.*—As stated in para 88 of the administration report for 1911-12 the tarring operations were commenced and the following roads tar-sprayed during the year:—

Portions of :—

Fort Beach Road.
Pophams Broadway.
General Hospital Road.
Evening Bazaar Road.
Mint Street.
Mount Road (2 portions)
Moore Road and the road over the Napier Bridge completely.

The results are satisfactory. It is easier to keep such roads clean and their surface lasts longer.

70. *Private Streets.*—Requisitions were received from the owners of land and buildings abutting on the following private streets for declaring them as public streets under Section 246 of the Municipal Act :—

Habibulla Sahib Street
Pulibone Bazaar 1st lane
Do 2nd lane
} R. S. Nos. 657, 659, 668 and 670 of Triplicane.

The matter is under correspondence.

71. The following culverts were repaired during the year :—

(1) The culvert at the junction of Paddy Fields Road with Vadivelu Mudali Street, Perambore.

(2) The culvert at the junction of Letang's Road and Ritherdon Road. The side walls were raised.

(3) The culvert at the north end of Gengu Reddi Road, Egmore.

(4) The culvert in General Patters Road at its junction with Bobegam Street.

(5) The culvert at the junction of Karniswarar Pagoda Street with Barber's Bridge Cart Depôt. A portion was rebuilt.

(6) The arched culvert near the toll gate in Chamier Road.—The parapet walls on either side were reconstructed.

(7) The work of extending two culverts at the 4th mile stone in Tiruvottiyur High Road was completed during the year under report.

72. *Footpaths* :—

(1) The footpath in Mount Road opposite Messrs. Oakes & Co.'s Garage was paved with cement.

(2) The work of repairing the footpath in Mount Road opposite the Stable Co.'s premises was in progress.

73. *Bridges* :—

The work of reconstructing the central span of the Penitentiary Bridge was in progress.

The Napier Bridge was thoroughly painted with approved English paint.

The side wall of the western portion of the small bridge in Brodie's Road was rebuilt.

(*b*) Buildings.

New Works.

74. *Isolation Hospital*:—A site in Aminjikarai which was selected by the Corporation and approved by Government in G. O. No. 169 M., Mis., dated 29th January 1913 is now under acquisition by the Collector of Chingleput.

Detailed plans and estimates for the building were prepared during the year and are now under the scrutiny of the Sanitary Board.

Rayapettah Hospital :—The drainage and water supply arrangements and sanitary and electric fittings were completed and the hospital was fully furnished and opened for use on 29th May 1912. Land was acquired for quarters for Sub-Assistant Surgeons and the construction of quarters for six Indian nurses was in progress.

Rajah Sir Ramaswami Mudaliyar Maternity Hospital :—The installation of electric lights and fans in the hospital was commenced on 20th March 1913 and completed on 30th April 1913.

Vaccination Depots :—A steel pale fencing was erected around the Vaccination Depôt in Cutcheri Road.

75. *Model Schools*:—The school buildings in Poonamallee Road and Vallabha Agraharam were completed during the year.

Land was acquired for building schools on the following sites and the construction of buildings thereon was in progress.

(1) Sanjeeviroyanpet, 2nd Division.
(2) Mint Subroyalu Naidu Street, 3rd Division.
(3) Amman Coil Street, 7th Division.
(4) Vaikaikaran Street, 11th Division.
(5) Arunachalla Naick Street, 16th Division.
(6) Mandavali Street, 20th Division.

76. *Model Paracheries*:—The work of building model dwellings for poor Anglo-Indians in Pudupet and houses for the people to be evicted from Nariangadu Paracheri was in progress.

Land was acquired for the construction of model dwellings in R. S. No. 44 of Nungambakam.

Works carried out for the Health Department.

77. *Cattle and Cart Depots* :—The construction of gram sheds at the following depôts was completed.—

B. Depôt, Basin Road.
C. ,, Washermanpet.
H. ,, Monegar Choultry.

The construction of gram sheds for the following depôts was in progress :—

D. Depôt, Chulai.
E. ,, Harris Road.
F. ,, Kistnampet.

The construction of a building for the office of the Superintendent, D. Depôt was in progress.

78. *Bullock sheds* :—A platform for washing bullocks in Basin Cart Depôt was completed. The work of constructing bullock sheds in Monegar Choultry Cart Depôt and a sick bullock shed in Basin Bridge Cart Depôt was in progress.

The construction of a water trough for the Kistnampet Cart Depôt which was in progress during 1911-12 has been completed during the year under report.

79. *Latrines* :—The western compound wall of the latrine in Narayana Syrang Garden Street was raised.

Land was acquired and a sanded latrine constructed for the people in Chucklipalayam, Chulai.

The construction of a masonry latrine of 16 seats each for males and females at the south-eastern portion of Ubrapalayam was in progress.

Of the nine combined latrines and urinals referred to in para 98 of the administration report for 1911-12, only one in Harris Road was completed and the following are nearing completion :—

(1) at the junction of Sydenham Road with Chulai Bazaar Road ;
(2) in Sydenham Road opposite to Periamet Railway level crossing ;
(3) at the junction of Venkataranga Pillai Street with Ice House Road ;
(4) near the vaccination depôt at Thousand Lights.

The rest were abandoned for want of sufficient water supply in the locality.

80. The lethal chamber in DeMellow's Road was extended for sheltering dogs. Small incinerators were constructed at a cost of Rs. 1,070. The washing platform in the Dhoby Khana at McNicholl's Road was extended.

A compound wall was constructed for the Kistnampet burial ground to screen it from Lloyd Road.

Flushing pipes were constructed for drains outside Moore Market.

Four restaurants are in course of construction over the Evening Bazaar buildings in People's Park.

Other Works.

81. A room was constructed at Tondiarpet Sewage Farm for storing gram, tools etc. A verandah in the rear of the Corporation Workshop was constructed and five godowns for the use of carpenters and blacksmith maistries for storing materials and a cistern for storing waste water of meter tests were added.

The following works in the Corporation Workshop which were reported as being in progress during 1911-12 were completed during the year under report :—

(1) Erecting shops for meter repairers, tinkers and painters with a godown.
(2) Constructing a record room, tiffin room and gate-keeper's room.
(3) Store room and time keeper's room.
(4) Three godowns for storing bratties, coal and coke.

In the Corporation Stores four bins without roof for storing scrap iron, one tar godown 140 ft. x 16 ft. with common tiled roof and another tar godown 60 ft. x 16 ft. with corrugated iron roof and a barbed wire fencing were erected.

A distraint yard with corrugated iron roof was constructed near the Corporation Stores.

An Overseer's Office and Stores was constructed at the junction of Wall Tax Road and Tirupalli Street, 8th Division.

Another Overseer's Office and Stores was in course of construction at the junction of Tiruvottiyur High Road and Basin Bridge Road, 2nd Division.

A screen wall was constructed for the Sergeants' quarters in People's Park.

The work of erecting sheds with weigh bridges for steam road rollers referred to in paragraph 105 of the administration report for 1911-12 was completed during the year under report.

82. *Central Fire Station* :—A sum of Rs. 15,230 was provided in the revised estimate for the acquisition of land for the construction of a Central Fire Station at Pudupet and for widening the road leading to it, but no expenditure was incurred as the question of the redistribution of fire engines and selection of sites for them was under correspondence with the Commissioner of Police.

83. *The New Corporation Office Building* :—The work on the building was carried on continuously throughout the year. According to the contract the building ought to have been completed on 1st June 1913, but it is not likely to be finished and ready for occupation before the end of September.

The average monthly expenditure on the works during the year was Rs. 9,790.

Water-Supply and Drainage—Special Works Department.

84. With reference to G. O. No. 1344 M., dated the 26th September 1912, the services of Mr. H. Nowroji, Assistant to the Special Engineer for Water Works Construction, were replaced at the disposal of Government on 1st December 1912.

General.

85. The works executed by the department during the past year may be classified as follows :—

Water Works Section.

(1) Construction of Pumping Station and Elevated Tank at Kilpauk, erection of Pumping Machinery, and laying of 48 inch Pumping Main.

(2) Construction of Roughing Filter, Conduit, Sand Filters and Pure Water Tanks.

Drainage Section.

86. (1) Madras Main Drainage Design.

(2) Local drainage including construction work for the drainage of Tondiarpet.

(3) Remedial measures including laying additional sewers, dealing with insanitary areas, improving pumping stations, constructing new manholes, etc.

(4) Drainage of private and public buildings including hospitals, public latrines, slaughter-houses and private houses.

(5) Maintenance of existing works, such as, sewage pumping machinery and pumping stations.

87. The expenditure on works in charge of the Special Engineer for the last five years since his department was created has been as follows:—

Particulars.	1908-09	1909-10	1910-11	1911-12	1912-13	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-supply :—New works ...	94,108	2,06,778	3,47,217	4,81,338	6,63,591	17,93,032
Drainage :— " ...	67,240	86,216	4,18,032	5,37,049	4,69,810	15,78,347
Drainage Maintenance { Pumping Stations...	...	86,324	1,14,889	1,21,774	1,42,912	4,65,899
Drainage Maintenance { Sewer cleaning ...	...	15,303	21,341	14,385	18,270	69,302
Works executed and the cost charged to Revenue Account ...	...	7,930	9,868	8,864	1,373	28,030
Private work executed ...	...	455	1,013	729	1,354	3,551
Total Rs.	1,61,348	4,03,006	9,12,358	11,64,139	12,97,310	39,38,161

Note—The sewer cleaning was transferred during 1912—13 from the Special Works Department to the Works Department.

From the above statement it will be seen that there has been a steady increase in the work turned out.

In order to obtain the increased amount of work during the year it was necessary to exert great pressure on the contractors and to carry out a considerable amount of work departmentally. At present it appears exceedingly difficult to obtain a greater outturn of work with the labour and plant available in Madras. It would appear that, if a greater quantity of work is to be executed in the future, more labour will have to be imported and labour saving devices will have to be more generally employed.

Details of the expenditure are given in Appendix II, Table No. I.

88. The special features of the year are :—

(1) The completion of the Special Engineer's *Madras City Main Drainage Scheme* including a comprehensive report with a large number of plans and detailed estimates amounting to Rs. 98,26,400. The scheme was considered by the Corporation at their meeting held on 23rd June 1913 and the report was forwarded to Government with their remarks on 26th June 1913.

(2) The completion of street sewers and the erection of engines for the Tondiarpet Drainage Works.

Water Works Section.

89. *Construction* :—The following table shows the quantity and value of work executed up to 31st March 1913 and during the past year on the conduit, filter beds and pure water tanks :—

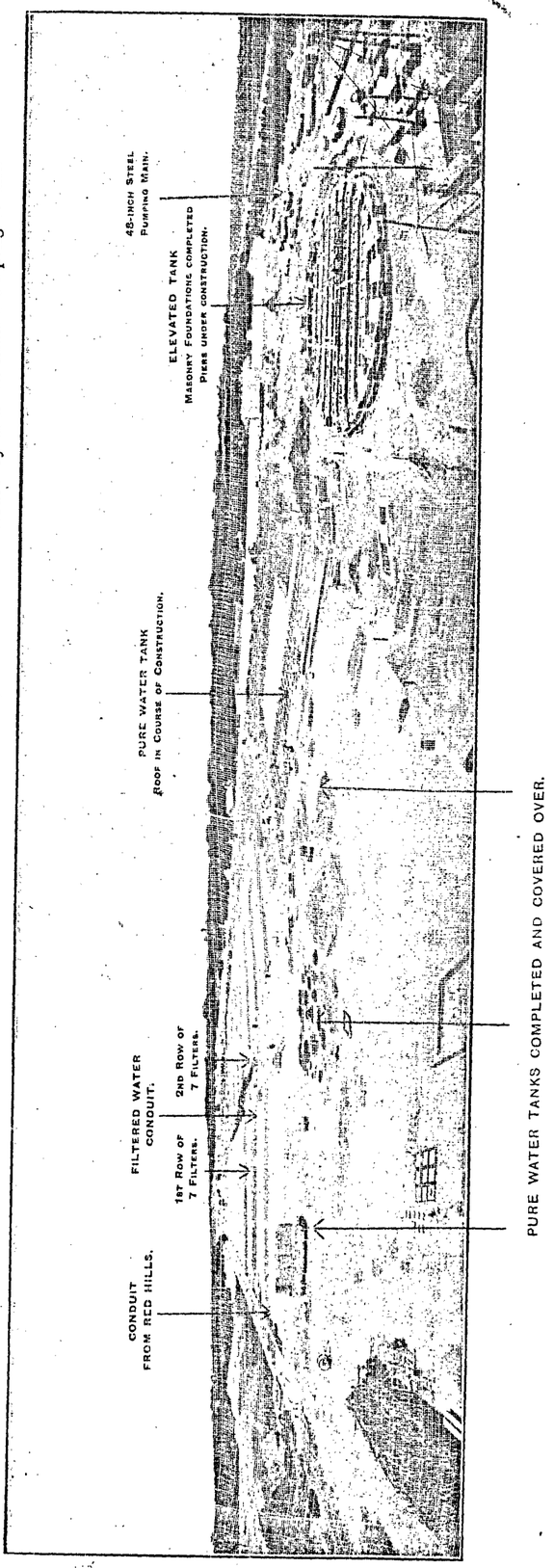
	Conduit and roughing filter.	Sand filters and pure water tanks masonry built.	Pumping station and elevated tank.	Pumping machinery.	Laying 48-inch steel pumping main.
QUANTITIES OF WORK.	Lineal Feet.	Cubic Feet.	Cubic Feet.		Feet.
Total to be executed ...	34,584	13,48,268	1,75,970		3,000
Total executed to March 31st 1913...	34,584	11,15,700	94,542	All machinery delivered at site.	2,500
Do. March 31st 1912...	25,505	8,65,800	...	...	...
Progress during 1912-1913 ...	9,079	2,49,900	94,542	Erection in progress.	2,500
VALUE OF WORK DONE.	Rs.	Rs.	Rs.	Rs.	
Total of Special Engineer's revised estimates of 1-9-1911 ...	5,91,200	7,12,100	1,72,710	4,00,000	13,513
Total executed to 31st March 1913...	5,95,880	4,48,706	48,550	3,42,905	7,990
Do. 31st March 1912...	4,23,600	3,37,500	...	...	...
Value of work executed during 1912-1913 ...	1,72,280	1,11,206	48,550	3,42,905	7,990

The above are the works upon which the greatest expenditure was incurred during the year under review. The total expenditure on the new Water Works up to 31st March 1913, was Rs. 17,93,032 as shown in detail in Table No. 1, Appendix II.

90. The *Conduit* and fourteen *Filter Beds* are practically complete, and the filtering materials—bricks, stone and sand—are being collected. The conduit is

NEW WATERWORKS IN COURSE OF CONSTRUCTION AT KILPAUK.

Panoramic View from Pumping Station Filter Beds, Pure Water Tanks, Elevated Tank Masonry and 48-inch Pumping Main.



being cleaned and will shortly be tested. It has been necessary to carry out this work in part by direct labour.

The plate facing this page shows a panoramic view of the Water Works at Kilpauk taken from the Pumping Station Chimney on the 29th March 1913.

On the left will be seen the end of the Red Hills Conduit and the beginning of the Unfiltered Water Conduit which runs round the Filter Beds and distributes the water to them. Between the two rows of Filter Beds is the Pure Water Conduit in course of construction. The fourteen Filter Beds will be seen to be perfectly complete and to contain water. In the foreground extending from the extreme left of the picture nearly up to the Lunatic Asylum wall are the Pure Water Tanks which have been completed and roofed except for a portion of the third tank, where the arches are seen to be in progress. On the right of the picture is the Elevated Tank. Foundations have been completed and piers are in course of erection. In the distance the 48-inch Steel Main laying is seen to be in progress.

91. *Pumping Station and Elevated Tank*:—Special efforts have been made to hasten on the construction of the Pumping Station, Elevated Tank and the laying of the 48-inch Steel Pumping Main at Kilpauk. The Pumping Station has now been completed to the underside of the traveller rails and the Chimney to a height of about 50 feet above ground level. The whole of the work underground was executed departmentally either by direct labour or by piecework contract. The Elevated Tank masonry foundations have been completed and the outer ring of piers and arches has been started. The main foundation of the Elevated Tank is a large block of concrete where as much as 17,000 cubic feet of concrete were put in at one operation which is understood easily to be a record for Madras City.

92. *Pumping Machinery*:—Messrs. James Simpson & Co., of England and Calcutta, who are the contractors for the supply of High Duty Plant for Kilpauk Pumping Station, have completed the delivery of the machinery, and have erected and fixed on their beds the main pump chamber castings. The erection of the machinery will be completed with the aid of the traveller which also is being supplied by Messrs. James Simpson & Co.

93. *48-inch Steel Pumping Main*:—The 48-inch Steel Pumping Main has been laid from opposite the masonry shaft, where the present distribution system begins to a point close to the pumping station. The Venturi Meter, the connections to the Elevated Tank and the jointing up to the pump deliveries have still to be completed.

94. *Distribution Scheme*:—A contract amounting to 13½ lakhs of rupees has been let to Messrs. Balmer Lawrie & Co. of Calcutta for the supply of pipes required for the two principal mains included in the new distribution system. These mains have an aggregate length of about 17 miles and vary in diameter from 6 inches to 42 inches The delivery of the castings will begin early in the coming year. Contract forms have also been prepared and tenders received for laying the two large mains to the north and south of the City, which are the most important lines of pipes included in the new scheme. Tenders have also been received for pipe-laying tools and accessories and for lead and yarn required for joint-making.

Drainage Section.—Main Drainage Works included in Tondiarpet Report and sanctioned in G. O. No. 654 M., dated 18th April 1910.

95. *36-inch Cast iron Pumping Main*:—The 36-inch cast iron pipes at the grass farm, which were rendered unnecessary by the construction of the open channel, have been taken up departmentally and relaid to form a new pumping main from Rayapuram Pumping Station across the Railway and along Mannarswami Coil Street to Kalmantapam Road. Here a temporary connection has been made to the 24-inch cast iron main which will be used until the Farm Pumping Station is completed. The laying of the main under the Railway lines presented some difficulties and was therefore carried out departmentally. It was completed quite successfully and has caused no trouble since it was put into use.

96. *4 ft. 6 in. Brick Sewer* :—The 4 ft. 6 in. brick sewer which is to carry all the sewage of Georgetown and Tondiarpet to the Grass Farm Pumping Station was in course of construction throughout the year. The northern end has been enlarged to a 5 ft. 6 in. sewer, in order to conform to the proposals of the Special Engineer for the complete drainage of the City. The progress on this section has been very slow, owing largely to the great amount of water encountered in the excavation. Every effort is being made to get the work completed as quickly as possible.

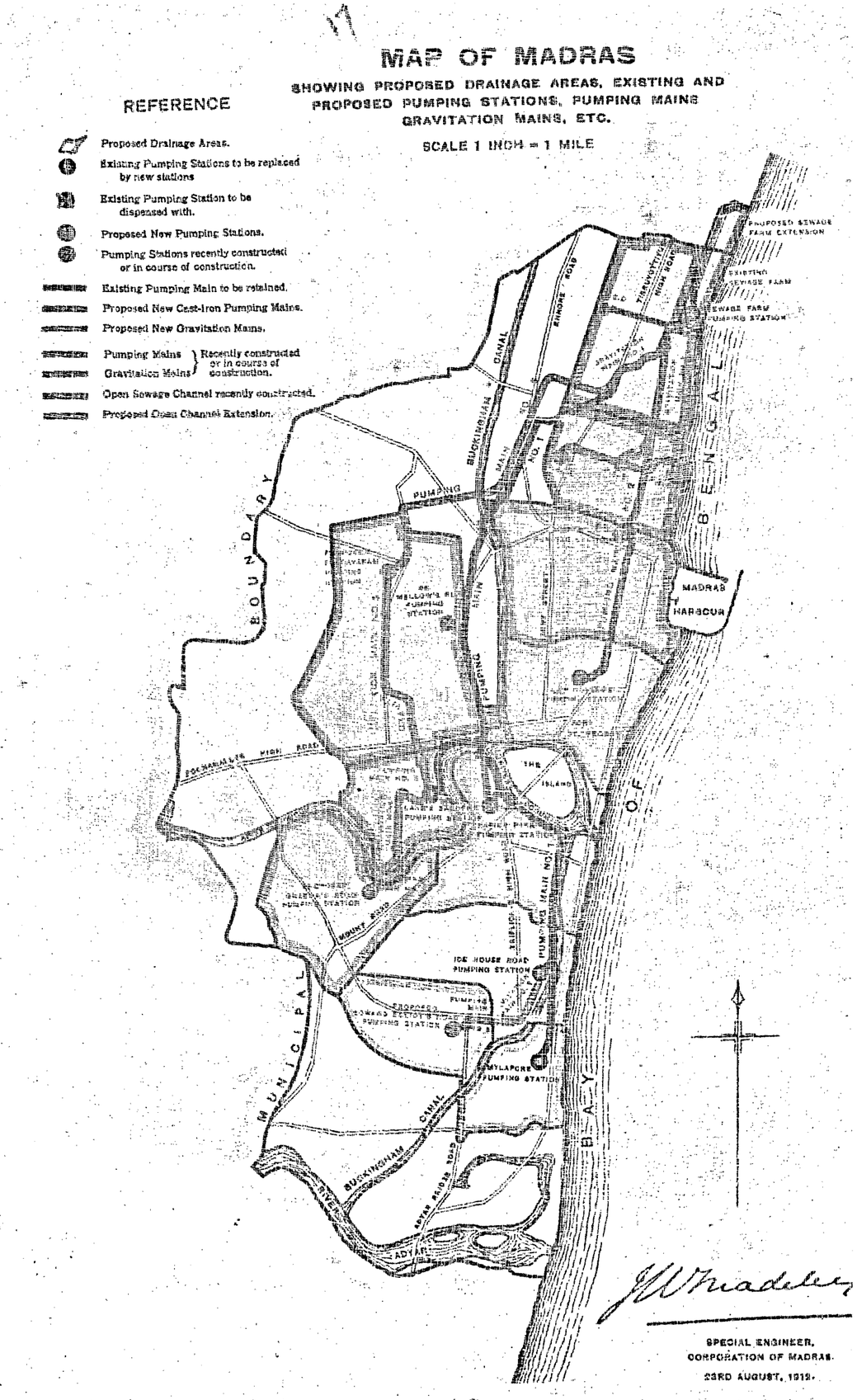
97. *Farm Pumping Station* :—A contract has been let to Messrs. Burn & Co., for the supply and erection of Humphrey Pump at the Grass Farm. Some delay was occasioned owing to the necessity of preparing a special agreement. This is the first time that an Humphrey Pump has been used for sewage and it was considered desirable that one unit should be installed before the complete plant was put in hand. The sinking of the pump wells for this unit is now in progress. Should the pump prove satisfactory, further machinery of the same type will be ordered for this station. The overflow from this station to the sea has been nearly completed.

Tondiarpet Drainage.

98. *Stoneware Pipes* :—Messrs. Thomas Wragg & Sons have satisfactorily completed their contract for the supply of stoneware pipes, the total amount of the final bill being Rs. 2,13,755-3-1. See Appendix II, Table No. 6.

99. *Sewer Laying* :—By 31st March 1913 a length of 1,18,149 feet out of a total length of 1,20,000 feet of sewers had been laid. The value of laying alone, excluding the value of pipes was Rs. 2,02,506. The number of manholes constructed during the same period was 604, and the number of house connection pipe lines laid 2,945. The length of house connections laid was 32,563 feet making a total of 1,50,712 feet of pipes laid.

Sewer-laying and house connection pipe-laying in Tondiarpet have thus been practically completed. The principal work which still remains to be done is the laying of the 24-inch cast iron pipe from Pumping Station A to Pumping Station B. This work was delayed pending the construction of the open channel, but is now being pushed on as rapidly as possible, though progress is necessarily slow owing to the great depth of the pipe below the ground surface, and the large quantity of water encountered in the trenches.



100. *Tondiarpet Pumping Stations* :—The work of constructing silt-pits, screening chambers and suction wells at the three stations known respectively as A, B and C, Tondiarpet, was carried out departmentally and has now been completed. The screens and silt-raisers for these pits have been ordered. A contract for the superstructures of the buildings was awarded to Messrs. A. Narasa Aiyar and A. Venkatarama Aiyar. Fair progress has been made and the buildings are now being roofed with Siegwart Beams.

101. *Pumping plant for A,B and C Stations* :—At each of the pumping stations, three pumping sets have been erected, each consisting of an Oil Engine and Centrifugal Pump. The contract for the supply and erection of the plant—amounting to Rs. 96,410—was awarded to the Campbell Gas Engine Co., Ltd. All their work is practically finished except for some pipes and specials required to replace broken and missing articles.

General scheme for the drainage of the City.

102. *Scheme completed.*—A large amount of time had been spent in completing surveys, drawings, calculations and estimates for the general scheme for the City Main Drainage. The whole work was completed by the end of the year and an explanation of these proposals was given to the Commissioners by the Special Engineer on the 18th April 1913. The printing of the report and estimates was in progress at the end of the year.

Facing this page is a plan illustrating the general scheme as prepared by the Special Engineer. The plan shows the different drainage areas and the main drainage works including Pumping Stations, Pumping Mains and Gravitation Mains as they will be in the completed scheme. The plan is too small in scale to show the street sewers.

103. *Stoneware Pipes* :—In order to avoid delay in the drainage work, the Standing Committee called for tenders for stoneware pipes required for the Georgetown and Purasawalkum areas. These tenders were duly received and the Standing Committee recommended the lowest tender, namely, that of Messrs. Thomas Wragg & Sons. The Corporation, however, decided to call for fresh tenders.

104. *Relaying Sewer in Waller's Road* :—The sewer cleaning staff having complained that they were unable to clean the sewer in Waller's Road, Chintadripet, a trench was excavated down to this sewer and it was found to be constructed of concrete pipes which had collapsed. An estimate amounting to Rs. 7,300 was prepared for relaying it and was sanctioned by the Corporation. The work is now practically completed. Some difficulties were encountered owing to the large quantity of water met with and the considerable depth at which it was necessary to relay the new sewer in order to make it efficient.

Minor drainage Works.

105. Amongst the minor drainage works carried out by the Special Works Department, the following may be mentioned :—

(*a*) *DeMellow's Road Pumping Station* :—The pumps at this station have given a great deal of trouble. They have been unable to cope with the sewage

that comes to them. The consequence has been the backing up of sewage in the drains and the creation of insanitary conditions in the Purasawalkum area. On this account, new pumps were obtained and installed towards the end of the year. They are reported to be working satisfactorily.

(*b*) *Drainage of Rayapettah Hospital* :—The installation of sanitary fittings and the construction of drainage work for the Rayapettah Hospital have been completed satisfactorily at a total cost of Rs. 19,742-2-2. This is the first instance in Madras of quite up-to-date first class drainage work.

(*c*) *Drainage of New Municipal Office Building* :—During the year plans and estimates were prepared for the installation of sanitary fittings for the drainage of the New Municipal Office Building by the water carriage system. Tenders for the work were called for in the middle of February to be submitted in April 1913.

(*d*) *Covering Open Channel at Grass Farm* :—In accordance with the resolution of the Corporation, the Special Engineer submitted an estimate for covering a short section of the open channel at the Grass Farm. In order to get the work completed as early as possible, it is being carried out departmentally and has been nearly completed.

(*e*) *Drainage of the Corporation Slaughter-house*:—The Corporation decided that something must be done to deal with the drainage of the Corporation Slaughter House before the general scheme can be introduced. The Special Engineer has therefore prepared a scheme and submitted an estimate amounting to Rs. 10,900 for this work. The scheme provides for preliminary treatment of the sewage followed by pumping through a main about 2,500 feet into the head of the nearest sewer leading to the DeMellow's Road Pumping Station. Tenders for necessary pipes and pumping plant have been called for.

106. *Petty Works* :—The number of petty works carried out by the Special Works Department during the year has been reduced in accordance with the Corporation's resolution that the Special Engineer should be relieved of all such works as far as possible. That it has not been possible to relieve him entirely is proved by the minor works enumerated above. In addition to this, a considerable number of house connections have been carried out by the Drainage Superintendent working under the Special Engineer and plans have also been prepared for the drainage of a number of buildings notably for the Christina Rainy Hospital, Tondiarpet. The Corporation received five per cent. on the estimated cost of the work for the preparation of plans, estimates and supervision of the work during construction. It is noteworthy that first-class house drainage work is largely on the increase in Madras.

Drainage Maintenance.

107. *Maintenance of Pumping Station* :—The sewage pumping stations have been maintained in their usual state of efficiency. Owing to the large amount of new construction work the Mechanical Engineer has had in hand during the year under review, it has been impossible for him to devote as much time as he wished to look after the existing pumping stations. The Corporation have recognised that he required some assistance in looking after the existing pumping stations and a Mechanical Supervisor was appointed from December 1912. The remarks made in

the last year's administration report still hold good. The existing plant is, in most cases, of insufficient capacity to deal with the amount of sewage that comes to it, and has to be worked continuously at its full capacity—in many cases, it has to be over-driven. The consequence is that the economical working cannot be secured and it is very difficult to carry out the small running repairs and adjustments which are so necessary, if the pumping machinery is to do its best work. Furthermore, the standard of engine driver is not sufficiently high. Every endeavour will be made to obtain a better class of drivers, though the right type of man hardly exists in Madras. In this connection a good technical school run on practical lines should be of great value in developing suitable engine drivers.

It is unnecessary here to give particulars of working of each individual pumping station. They were dealt with briefly in the last year's report, and an elaborate set of tests is given in the Special Engineer's report on Madras Main Drainage, 1913. The only station that calls for remark is the DeMellow's Road Pumping Station. Here the plant has, as usual, been very much over-taxed. The consequence is that the pumps and engines have given a great deal of trouble and it has been necessary to maintain continuous pumping. Towards the end of the year new pumps have been fixed and it is reported that they are doing good work and that the dry weather flow can now be readily coped with.

(*c*) Drainage (*ordinary*).

New Works.

108. New masonry 6 inches and 9 inches open side drains were constructed in the following places :—

Menaud Lane, Purasawalkam ; Venkatesa Naicken Street, Venaitheertha Vinayagar Coil Street, Pudu Street, Peria Thambi Mudali Street, Chinnathambi Naicken Street, Venkatadri Naick Street and Kandasawmi Coil Street, Kosapet.

Mahomed Hussain Sahib Street, Saiyed Abdulla Saheb Street, Syed Noor Street, Abdul Kader Street, Begam Street and Maroof Sahib Street, Triplicane ; and Chitrakulam Eastward Street, Mylapore.

Cast Iron pipes were substituted for the old masonry drains with granite stone coverings at street crossings in the following places :—

Peddu Naick Street, Prasanna Vinayagar Coil Street, South Cooum Road, Edward Elliot Road, Harrington Road, and at the junction of Edward Elliot Road and Sullivan Road.

109. The following works which were reported as in progress during 1911-12 were completed during the year under report:—

Constructing a covered drain in Mount Road, a 6-inch curbed street drain for a portion of the new street from Aiyah Pillai Street to Thandavaraya Mudali Street and manufacturing a shutter for the outlet in North Beach Road.

110. The following works were in progress :—Constructing side drains in Muthu Mudali Street, Vyasarpadi ; Cundappa Mudali High Road, Purasawalkam and Maddala Narayanan Street, Mylapore.

Repairs.

111. The repairs done to drains and their cost are shown in Appendix I, Statement II A, part II.

Sewer cleaning

The work turned out in the year was as follows :—

Length of sewers cleaned	...	539,599 Lineal ft.
No. of Sewer obstructions	...	3,492.
No. of Syphon obstructions	...	1,160,
Quantity of silt removed.	...	105,790 c. ft.

In addition to the above work, the cleaning of Sewage Pumping Station wells was undertaken and an account of silt removed was kept from the month of September which shows that 30,800 c. ft. have been removed from all stations.

A special gang of coolies was sanctioned for a period of two months for cleaning the main sewers in White's Road and Ellis Road. The work was satisfactorily carried out, and these sewers which were silted up and consequently surcharged for a very long period are now in fair working order.

A few silt pits were built in the 11th and 12th Divisions and have improved the condition of sewers in that area.

The pipe connections from the new flushout latrines to sewers were carried out by the sewer cleaning staff under the supervision of the Drainage Superintendent.

(*d*) Water Supply (*ordinary*).

New Works.

112. In addition to the works executed by the Special Works Department a sum of Rs. 5,400 was spent for removing, cleaning and relaying or replacing by new pipes of 19,616 feet of pipe line and laying 8,314 feet of new mains in certain streets for extension of water supply.

The electric pumping scheme for improving the water supply at Mylapore was completed at a cost of Rs. 3,398.

In addition to the above, 29 fountains were erected and 14 valves, 17 stop cocks, 14 pumps, 11 hydrants and 18 meters were fixed during the year. Table No. 12 of Appendix II shows the length and size of pipes laid.

Repairs.

113. On the 1st of April 1912, the level of the lake stood at 41·31 and on the 31st March 1913 at 41·86. On 3rd July 1912 the level of the lake fell to 36·61 when pumping had to be resorted to for the supply of water to the City. It was continued till 21st October 1912 when the level of the lake rose to 36·96. The cost of pumping amounted to Rs. 24,208. The rainfall and the average water level for each month are shown in Table 16, Appendix II. The quantity of water supply measured at the Red Hills during 1912-13 was 657,313,866 cubic feet (equal to 4,096,380,012·912 gallons) as against 683,839,962 cubic feet in the previous year.

Delivery Channel, fountains and pipes :—The cost of maintaining these

including establishment amounted to Rs. 43,561. There are now 1,454 fountains within the municipal limits, 29 new fountains having been erected during the year.

Private service :—During the year, 691 new services were laid by licensed plumbers and 2,937 existing services were extended. The total number of house services laid up to the end of 1912-13 was 26,613.

There were 39 licensed plumbers on 31st March 1913.

The quantity of water charged for, as having been used for non-domestic purposes was 155,991,995 gallons. The amount collected during the year was Rs. 1,18,649-0-11 as shown in detail in Table 17, Appendix II. The charge for water supplied for non-domestic purposes continued to be 12 annas per 1,000 gallons.

(*e*) Miscellaneous.

New Works.

114. Under the scheme for opening congested areas, lands were acquired for the following purposes:—

(1) Opening streets in Rope Godown paracherri, 2nd Division.

(2) Opening a street connecting Shanmugaroyan Street with Arni Gangan Street, 3rd Division.

(3) Opening a street connecting Mannappa Mudali Street with Muthia Mudali Street, 3rd Division.

(4) Opening a street east of Grama paracherri off Brick Kiln Road, Purasawalkam.

(5) Opening a street connecting Saravana Perumal Mudali Street with Ramasawmi Pillai Street, Purasawalkam.

(6) Widening Singanna Chetti Street.

(7) Widening Shaik Dawood Street.

The following works were also done during the year :—

Filling in low grounds at Ennore near the Licensing Clerks' quarters and dismantling two burden rests and reconstructing the same at the 4th mile in Tiruvottiyur High Road.

The work of fencing the Tondiarpet Grass Farm was in progress.

Administration.

115. *Notices* :—1,666 notices were served under Sections 215, 239, 248, 256, 257, 263, 264, 278, 440 and 442 of the Municipal Act dealing with unauthorised connections with municipal drains, fencing of buildings or lands, pruning of hedges and trees, removal of encroachments, ruinous buildings, erection or restoration of masonry buildings and other buildings with inflammable materials, doors, windows, and bars opening outwards, erection of huts, sunshades, etc.

In 1,355 cases the notices were complied with.

Permits :—1,561 permits were issued under Sections 268 and 278 of the Municipal Act for construction or restoration of masonry buildings, huts, etc.

Magisterial proceedings were taken in 1,000 cases. In 236 cases the defaulters were convicted and fined, in 46 cases they were acquitted and 613 cases were withdrawn. In 91 cases the summonses were not served owing to the absence of the defaulters and 14 cases are pending disposal.

In 520 cases provisional orders were issued under Section 287 (1) and (2) of the Municipal Act and, on the parties failing to comply with them—in 343 cases—final orders were issued under Section 287 (3) of the Act.

Grant II.—(*Education*).

116. The report of the Inspector of Schools embodied in Appendix III gives a concise account of the progress made under elementary education in the year under report.

117. A sum of Rs. 9,220-12-3 was spent under this head against Rs. 5,307-6-2 in the previous year, the increase being due to the opening of three new elementary schools at Vallabha Agraharam, Periamet and Sanjivirayanpet as a first instalment of the scheme for the establishment of forty model elementary schools in the City sanctioned in G.O. No. 820 M., dated 25th May 1911. These schools have proved an unqualified success and a further advance in the field of elementary education will be made in the current year by starting some more schools in localities where they are urgently needed. The income from school fees rose from Rs. 43-12-0 to Rs. 63-3-4. Including the Chetput Panchama school already in existence the total number of schools maintained by the Corporation was four. There were 543 boys and 152 girls on the rolls of these schools on 31st March 1913. Nearly 50 per cent. of this number were panchamas mostly attending the Chetput and Periamet schools. Besides the general staff of four instructors and a supervisor for drawing and kindergarten and two gymnastic instructors employed for the benefit of all the elementary schools for boys in the City, there were 26 teachers altogether employed in the four Corporation schools including an instructor in manual training attached to each school. The progress made in regard to the construction of new buildings to house the institutions which it is proposed to start in the current year is indicated in paragraph 75 *supra*.

118. Twelve teachers were under training during the year, of whom six completed their course. The remaining six and five others sent for training in March 1913 are still under training. The total amount spent on payment of stipends to these teachers was Rs. 819-7-6.

Grant III.—(*Sanitation and Medical services*).

Hospitals and Dispensaries.

119. *Rayapettah Hospital.*—The total amount spent on the maintenance of the Rayapettah Hospital rose from Rs 32,059 to Rs. 51,205-3-7 but fell short of the revised estimate (Rs. 53,190). The large increase in the actual expenditure is explained by the fact that the hospital which was removed early in the year to the new buildings had to be provided with fresh furniture, equipped with an increased staff and fitted with electric lights and fans. The provision of larger accommodation and improved facilities therein increased the popularity of the

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institution so much that the number of in-patients treated rose from 1,586 to 2,013 and out-patients from 48,201 to 56,458.

120. *Raja Sir Ramaswami Mudaliyar's Maternity Hospital.*—The expenditure on account of this institution amounted to Rs. 7,033-4-11 against Rs. 4,967-9-3 in the previous year and Rs. 7,470 in the revised estimate. The increase over the previous year was due to the construction of water-tank, purchase of operation table and the payment of famine batta to subordinates and house-rent allowance to the Resident Surgeon.

The work done in the hospital showed an advance, the number of in-patients treated having been 1,033 against 902 in the preceding year. But the number of out-patients treated fell from 785 to 96. The decrease is ascribed by the Surgeon to the present practice of inducing patients suffering from ordinary ailments to attend the Georgetown dispensary.

121. *George Town Dispensary.*—The outlay on the maintenance of this dispensary was Rs. 10,730-4-4 against Rs. 9,901-6-3 in 1911-12 and Rs. 10,950 in the revised estimate. The purchase of some medical appliances accounts for the increase. The number of patients treated fell from 48,997 to 47,738. The decrease is attributed to the *opening of some temporary malaria dispensaries in Tondiarpet.

122. *Baliah Nayudu Dispensary.*—The expenditure on this dispensary amounted to Rs. 5,414-7-3 against Rs. 4,589-13 11 in the previous year and Rs. 5,290 in the revised estimate. The increase over the previous year was due to a larger supply of European medicines. The number of patients treated was 40,164 against 38,810 in the preceding year. The sub-assistant surgeon in charge of the institution attributes the increase to the larger number of patients treated for malaria and other fevers.

123. *Chintadripet Dispensary.*—A sum of Rs. 3,302-6-3 was spent on the upkeep of this dispensary against Rs. 3,159-6-5 in 1911-12 and Rs. 3,920 in the revised estimate. The increase over the previous year was due to the posting of a first grade sub-assistant surgeon during the year. The number of patients treated rose further from 18,659 to 25,694 which testifies to the growing popularity of the institution.

124. The reports of the medical officers in charge of the above institutions appear in Appendix IV.

Contribution.

125. *Hospitals.*—The usual contribution of Rs. 20,000 for hospitals was paid to Provincial Funds during the year.

126. *San Thome Dispensary.*—A monthly grant of Rs. 66-10-8 and an annual grant of Rs. 300 were as usual paid to the San Thomé Dispensary. The number of patients treated in this institution rose from 9799 to 9811. The working of this institution continued to be unsatisfactory. The proposal to maintain a dispensary at Mylapore at the cost of the municipal funds having now been disallowed by the Government, the question of organising a better management for this institution needs an earnest consideration.

127. *St. Thomas Convent Dispensary.*—The usual monthly grant of Rs. 20 was

* *Note*—This explanation has on investigation been found to be incorrect. The Surgeon, 1st District, has been asked to furnish the correct explanation of the decrease.

paid to the St. Thomas Convent Dispensary. The number of patients treated fell from 10 250to 5,842.

128. *Victoria Caste and Gosha Hospital.*—The annual grant of Rs. 1,000 was paid to this hospital. The number of patients treated was 18,572 against 18,577 in the previous year.

129. *Kalyani Hospital, Mylapore.*—No contribution was paid to this hospital during the year owing to the failure of the Honorary Secretary to the hospital to demand payment before its close. The usual contribution of Rs. 600 has, however, been paid since in the current year. The number of in-patients treated was 390 and that of out-patients 2,432 against 422 and 3,757, respectively, in 1911-12. The Honorary Secretary to the hospital is of opinion that the decrease in the number of patients was due to the opening of the new hospital at Rayapettah.

130. *Sri Kanyaka Parameswari Devasthanam Ayurvedic Dispensary, Georgetown and Venkataramana Dispensary, Mylapore.*—The question of making a contribution of Rs. 500 and Rs. 100, respectively, to these two institutions for the year under report is now under the consideration of Government.

131. The reports of the above institutions except those of St Thomas Convent Dispensary and Venkataramana Dispensary appear in Appendix IV.

132. *Sembiam Dispensary.*—A sum of Rs. 780 was as usual paid to the District Board of Chingleput, being the moiety of the charges for the upkeep of this dispensary.

133. *Pasteur Institute of South India, Coonoor.*—The annual contribution of Rs. 250 sanctioned in G. O. No. 14 M, dated 15th January 1909, was paid during the year.

134. *Monegar Choultry and Native Infirmary.*—The annual contribution of Rs. 1,500 sanctioned in G. O. No. 646 M., dated 22nd April 1909, was paid towards the maintenance of these institutions.

Vaccination.

135. The total number of cases vaccinated during the year by the Corporation staff, excluding secondary vaccinations, was 26,391 against 32,618 in 1911-12 showing a decrease of 6,227 cases. This decrease was chiefly due to frequent changes among first class vaccinators and to the large decline in the number of re-vaccinations as small-pox was practically non-existent in the City during the year. Of the total number vaccinated, 22,577 cases were successful and 2,623 unsuccessful. In the remaining 1,191 cases, the results could not be verified and are shown as unknown.

136. Including the vaccinations performed in the Penitentiary (790) the total number of primary vaccinations and re-vaccinations in the City was 27,181—15,891 males and 11,290 females—against 38,261 in the previous year showing a decrease of 11,080 cases. The closure of the Natal and Mauritius emigration depots partly accounts for this decrease. Of the total, 23,253 were successful and 2,711 unsuccessful. The remaining 1217 cases were treated as unknown.

137. Of the 26,391 cases vaccinated by the Corporation staff, 16,542 were vaccinated in the depôts and 9,849 in the divisions. Of the 16,542 cases vaccinated at the depôts, 13,316 were primary and 3,226 re-vaccinations. In the case of the former, notices were given under the by-laws to the parents or guardians to produce the children for verification of results at the depôts and 7,261 cases were so produced against 8,843 in the previous year showing a decrease of 1,582 cases. Prosecutions for non-production were instituted in 60 cases against 35 in the previous year, the fines amounting to Rs. 24 against Rs. 20 in 1911-12. The cases vaccinated outside the depôts were verified in the divisions and operations in these cases were confined as usual to the poorer classes located in paracheries, hutting grounds and kuppams and to the floating population who would not be available for vaccination if compelled to attend the depôts.

138. The total number of cases verified by the inspecting staff was 17,441 against 20,807, in the previous year showing a decrease of 3,366 cases. (Vide statement III in Appendix IV).

139. The percentage of success obtaining in primary and secondary vaccinations and in re-vaccination cases, excluding the unknown from the total, was 95·13 and 61·74 against 97·60 and 58·08 in 1911-12 and against 97·32 and 50·61 in 1910-11. The lymph used in all these cases was the Glycerine lymph obtained from the King Institute.

140. A comparison of the work performed in the several vaccination depôts shows that the largest number of cases vaccinated *viz.*, 5,957 was in the Vepery Depôt. The highest percentage of success 95·55 was obtained in the Egmore Depôt.

141. Out of the 27,181 cases vaccinated (vide paragraph 136) 21,901 were primary against 24,482 in 1911-12 showing a decrease of 2,581 cases. The number of re-vaccinations performed during the year was 5,280 against 13,779 in 1911-12 showing a decrease of 8,499 cases. Of the re-vaccination cases, 4503 were performed by the Corporation staff against 8,315 in the previous year showing a decrease of 3,812 cases. In 346 of these cases, the reward of four annas each sanctioned in G. O. No. 149 M. dated 5th February 1909 was paid. A register is maintained showing the names and addresses of all persons to whom such rewards are paid. The rewards are paid by the Deputy Inspector of Vaccination direct in the presence of the divisional sanitary inspector. The Deputy Inspector of Vaccination submits to the Health Officer within 24 hours of such payments, a list giving the names and addresses of all persons to whom rewards have been paid. A quarterly statement is also submitted to the President for his information.

142. Vaccinations among children under one year numbered 19,178 including 1 in the Penitentiary against 20,814 in the previous year showing a decrease of 1,636 cases. The percentage of success obtained in infantile vaccination, excluding unknown cases from the total, was 95·22 against 97·71 in 1911-12. Of the total number of children vaccinated by the Corporation staff, 10,610 were born in Madras and 8,568 in the mufassal.

143. The total number of births verified was 16,134. Of these 3,899 children died during the year; 2,309 were reported to have been permanently removed

out of the City and 651 were not traceable at the addresses given in the birth counterfoils, thus leaving 9,275 available for vaccination ; and of these, 5,952 were vaccinated. Vaccination was postponed under medical certificates in the case of 99 childern ; 1,775 were found sick by the vaccination staff and 1,116 temporarily left the City ; the remaining 333 children were found healthy and warnings have been given for their early vaccination. The system of making enquiries to find out whether children, born in the City and removed out of it before vaccination, were vaccinated outside was continued during the year under report and resulted in the vaccination of a fair number of cases. The results of such cases were noted in the registers.

Hospital Births.—The total number of births in hospitals verified during the year was 2,981. Of these, 563 children died during the year ; 668 were reported to have been permanently removed out of the City and 774 were not traceable at the addresses given in the birth counterfoils, leaving 976 available for vaccination ; 618 of them were vaccinated. Vaccination was postponed under medical certificates in the case of six children, 96 were found sick by the vaccination staff and 230 temporarily left the City ; the remaining 26 children were found healthy and warned for early vaccination. In the 774 untraced cases, the addresses given in the counterfoils were insufficient and further steps have been taken to rectify this.

144. Statement IV of Appendix IV furnishes information as to the number of children born in the City in 1911-12 who were vaccinated before they attained the age of one year.

145. Out of 27,181 cases vaccinated, 1,471 were Europeans, Anglo-Indians, and Indian Christians, 2,398 Muhammadans, 23,126 Hindus and 186 other classes. For every 1,000 of the population according to the Census of 1911, 52·41 were vaccinated. The vaccination of 'other classes' was proportionately larger than that of any other class, the number vaccinated being 10·51 per cent of their population, while the percentage among Hindus was 5·56 ; among Europeans, Anglo-Indians and Indian Christians it was 3·52 and among Muhammadans 4·05.

146. There were 147 attacks and 53 deaths from small-pox during the official year against 590 attacks and 307 deaths in the previous year. Of these attacks, 58 were among children under 12 years of age, of whom 34 were vaccinated in infancy and 24 were not vaccinated ; 15 proved fatal among the vaccinated and 19 among the unvaccinated. The remaining 89 attacks were among persons over 12 years of age. Of these, 80 were vaccinated in infancy and 9 had never been vaccinated ; 16 proved fatal among the vaccinated and 3 among the unvaccinated.

147. A statement of attacks and deaths from small-pox among the vaccinated and the unvaccinated at the various age periods is given at the end of Appendix IV.

148. Information as to the vaccinal condition of small-pox patients admitted into the Corporation hospitals during the year 1912-13 is hereunder furnished as required in G. O. No. 992 Public, dated 21st October 1910.

(1) *Krishnampet Isolation Hospital.*—There were 8 cases remaining on 1st April 1912 ; 44 cases were admitted during the year thus making a total of 52.

Of these, 41 were protected and 11 were unprotected. There was no death among the protected cases, while there was one death among the unprotected.

(2) *Native Infirmary.*—Of the seven cases admitted, five were protected and the rest were unprotected. There was one death among the unprotected cases and none among the protected.

149. The total number of prosecutions instituted during the year under report was 188 against 126 in 1911-12. The total amount of fines imposed was Rs. 114-8-0 against Rs. 78-12-0 in the previous year. In 128 of these cases, prosecution was resorted to for failure to get children vaccinated with the result that 97 of them were subsequently vaccinated. In three cases the children left the town, in six the vaccination was postponed for illness, in seven the parties were warned and discharged, in six the prosecutions were withdrawn, in one case the child died before the case was called for hearing and eight cases were pending before the Court at the close of the last quarter.

150. The amount of fee charged for and obtained for primary vaccination at private residences under by-law 233 was Rs. 74-8-0. The amount was collected and credited to the Corporation.

151. The cost of vaccination was Rs. 11,625-0-9 against Rs. 11,726-9-3 in the previous year showing a decrease of Rs. 101-8-6. If the amount realised by vaccination at private residences is deducted, the net expenditure amounts to Rs. 11,550-8-9 against Rs. 11,630-1-3 in 1911-12. The net cost of each successful case of vaccination was annas eight and pie one against annas six and pies eleven in the previous year. The smaller outturn of work by the vaccination staff in consequence of the fewer number of re-vaccinations during the year explains the rise in the net cost.

152. The standard statements of vaccination I and II are given in Appendix IV as required in G. O. No. 82, dated 25th January 1897, paragraph 3.

153. The results under vaccination cannot be said to have been altogether satisfactory. The vaccination staff will soon be re-organised by the appointment of sub-assistant surgeons as vaccinators and it may be hoped that a marked advance will be shown in the current year under this branch of the administration.

The new by-laws which it is now proposed to issue to facilitate the tracing of unprotected children by requiring the parents, guardians or chief occupiers of the houses in which such children may live to report cases may also secure a satisfactory progress in this direction.

Vital Statistics.

FOR THE CALENDAR YEAR 1912.

154. The statistics for 1912 are given below :—

Area of the City	27 sq. miles or 17,280 acres.
Census population of 1911	518,660
Average density.	30·0 per acre.
7 to 9 divisions density.	135·3 do.
14 to 15 do.	9·6 do.
Inhabited houses.	59,595

Number of persons per house.		9
Births	...	20,773 including still births against 20,400 in 1911
Deaths.		20,132 against 21,771 in 1911.
Infantile mortality.		280·0 deaths per 1000 infants born alive in the year against 305·4 in 1911.
Estimated population for the middle of the year 1912.		519,824.

Births.

155. The number of births registered in 1912 exclusive of the still-born, was 20,099 or 364 more than in the previous year. The ratio calculated on the Census population of 1911 was 38·8 per mille per annum against 38·3 in 1911. The mean ratio of births for the previous five years was 37·7. The birth ratio calculated on the estimated population was 38·7.

156. *Illegitimate Births.*—1025 illegitimate births were registered during the year against 1,132 in the previous year.

157. *Sex.*—Of the number of children born 10,403 were males and 9,696 females, the proportion of the male to 100 female births being 107·3.

158. *Still-births.*—The number of still-births recorded during the year was 674 against 665 in the previous year and the percentage to the children born alive was 3·4.

159. *Births in the public hospitals.*—The number of births returned in the Government Maternity Hospital was 1,778, in Raja Sir Ramaswami Mudaliyar's Maternity Hospital 676, in the Victoria Caste and Gosha Hospital 728, in the Medical Mission Hospital 83, and in the Kalyani Hospital 110 thus making a total of 3,375 births against 3,532 in 1911. This was 16·8 per cent. of the total births in the City.

160. *Classes.*—Muhammadans returned the highest birth-rate of 43·5 per mille, the next highest 38·9 being among Hindus. Anglo-Indians returned 38·0, Indian Christians 33·2, Europeans 13·6 and others 2·3.

Deaths.

161. *Mortality.*—The registered deaths exclusive of still-births numbered 20,132 against 21,771 in the previous year, the average of the previous five years being 20,872. The ratio of deaths during the year under report calculated on the Census population of 1911 was 38·8 per mille against 42·0 in the previous year and the mean ratio of the previous five years was 40·2. The death ratio calculated on the estimated population was 38·7.

162. Table No. XVIII of Appendix V, which compares the deaths from principal diseases shows that the general mortality was less than the average of the previous four years.

163. *Sex.*—The deaths among males numbered 10,164 and among females 9,968, the proportion being 102·0 males to every 100 females.

164. *Class.*—The number of deaths registered among Europeans was 60, Anglo-Indians 323, Indian Christians 800, Hindus 16,404, Muhammadans 2,543 and others 2, the ratio being 14·3, 13·3, 29·3, 39·4, 43·0 and 1·1 respectively.

165. *Divisions.*—The 2nd division (old first division Centre ward) has been recording the highest death-rate in the City during the last 19 years and it is unquestionably the most insanitary division in the City.

166. *Age.*—Mortality among infants under one year of age was as usual the heaviest. The next heaviest was among adults of 60 years and upwards.

167. *Infantile Mortality.*—Deaths of infants under one year of age numbered 5,628 compared with 6,027 in the previous year. The ratio of deaths among infants under one year of age was 280·0 per 1,000 births compared with 305·4 in 1911. Calculated on the Census infantile population the ratio was 428·5.

168. *The 2nd Division* (old 1st division Centre ward) returned the highest number of deaths among infants under one year of age and the 14th division (old sixth division North ward) returned the lowest.

169. *Certified Deaths.*—The number of deaths certified by qualified medical men was 2,220 which equals 11·0 per cent. of the total number of deaths in the City. Of these 762 were certified by private medical practitioners and 1,458 by public hospitals.

170. *Cholera.*—Cholera was epidemic from the beginning of the year to 9th March 1912 and again from 18th August to 19th October 1912 except a week in the beginning of the latter month. Out of 478 cases reported during the year 374 proved fatal yielding a ratio of 0·7 per mille of the population. The mean ratio for the previous quinquennium was 1·1.

171. *Small-pox.*—The number of attacks in 1912 was 247 of which 106 proved fatal. The death rate was 0·2 per mille. The highest number of deaths in any one month was 25 which occurred in January and the next highest was 21 in March. The number of deaths in the previous year was 480. The mean ratio for the previous five years was 0·3. Small-pox was epidemic from the beginning of the year to 11th May 1912.

172. *Measles.*—The deaths registered from this cause numbered 95 or 75 less than in 1911. The ratio was 0·2 per mille or the same as the average ratio for the quinquennium. Measles prevailed concurrently with small-pox recording the highest number of deaths in the months of March and May, *viz.*, 13 deaths in each month.

173. *Plague.*—There was only one death from plague against three in the previous year. It was an imported case.

174. *Kala-Azar.*—The number of deaths registered from Kala-Azar fell from 47 to 36. The cases reported are only those seen by medical men.

175. *Enteric Fever.*—The number of deaths from this disease was 42 or 10 less than in 1911 giving a ratio of 0·08 per mille. The mean ratio for the previous five years was also 0·08.

176. *Malaria.*—This disease claimed 2,934 victims against 2,884 in 1911 giving a ratio of 5·7 per mille. The average number of deaths in the previous five years was 2,634 or 5·0 per mille.

177. *Cerebro-Spinal Fever.*—There is every reason for believing that this deadly fever is prevalent in Madras at certain seasons of the year, but for the most part undiagnosed. Twenty-nine cases were returned during the year under this head and were distributed as follows :—

Royapettah Hospital	...	1
Monegar Choultry	...	2
General Hospital	...	1
Fiji Emigration Depôt	...	20
Private practitioners	...	5
Total	...	29

178. *Other fevers, i.e., all fevers other than Enteric and Malaria.*—The number of deaths registered under this head was 957 against 1,111 in the previous year the ratio being 1·8 per mille. The mean ratio for the previous five years was 3·6.

179. *Dysentery and Diarrhœa.*—The number of deaths from these causes was 4,897 or 43 more than in 1911 and 721 more than the average of the previous five years.

180. *Tubercle including tubercle of the lung.*—The deaths returned under this head numbered 672 or 88 less than in the previous year. The death rate was 1·3 per mille.

181. *Respiratory diseases excluding tubercle of the lung.*—The number of deaths registered as due to this cause was 1,999 or 252 less than in 1911 and 494 more than the average of the previous five years.

182. During the year four prosecutions were instituted for failing to register births within the time allowed by the Act and nine prosecutions were instituted for failing to report deaths. Convictions were obtained in nine cases and one case is pending. In the remaining three cases the parties were let off with a warning. The fines imposed amounted to Rs. 8-8-0.

183. The number of applications received for extracts of entries from the birth registers was 148 and that for extracts from death registers 295. Birth extracts were granted in 102 cases and death extracts in 221. In 111 cases extracts were not granted as the parties failed to pay the prescribed fees. In nine cases entries were not found and parties were informed accordingly. The fees collected during the year for such extracts amounted to Rs. 456.

Malaria

184. The persistent prevalence of malaria for several years past in the northern divisions of the City came under special examination during the year and

in G.O. No. 243 M., dated 8th February 1913, a scheme for an investigation into the causes thereof was approved by Government. The main features of this scheme were that three new dispensaries were started in February 1913 for the treatment of malarial patients and distribution of quinine in Rayapuram, Washermanpet and Tondiarpet, side by side with an active investigation by an expert medical officer into the causes of the prevalence of the disease. The provision of special medical relief in these dispensaries was much appreciated by the local residents, the average daily attendance thereat in February and March having been 290. The investigation showed that the widespread prevalence of the disease in an almost epidemic form was due to the existence of the fever-carrying anopheles mosquitos in many of the tanks, pools and wells in Tondiarpet. The carriers prominently noticed were Ludlowi, Fuliginosus, Jamesii, Barbirostris, Stephensi and Listoni. Adult anopheles mosquitos were caught from many infected houses and some of these were found on dissection to be carrying the malarial parasites in their mid-grits. Most of the waters examined made it manifest that they shelter the larvæ under the dead leaves, decaying vegetable matter or weeds. No such larvæ were however found to breed in any portion of the Tondiarpet Sewage farm.

185. The first essential step towards combating this disease was taken by instructing the public by the issue of pamphlets "Lesson on Malaria" and other leaflets to keep their premises, ponds and wells free from mosquitoes. Notices were also issued to property owners to have their tanks cleaned and trimmed and their wells protected by the provision of wire-gauze and pumps. All the cess-pits, pools and wells were regularly petrolised, as a temporary measure. The desirability of stocking the tanks and wells with larvicidal fish was repeatedly pressed on the attention of their owners. The total expenditure incurred on anti-malarial measures in February and March 1913 was Rs. 1,420-14-8.

186. The following statement shows the number of notices issued and disposed of in the first three divisions of the City in connection with malaria during the last two months of the year.

Section.	Purpose.	Number of notices served.	Number voluntarily complied with.	Number prosecuted.	No. complied with after prosecution.	No. pending.
302	Cleaning insanitary tanks, wells, etc.	185	15	57	5	108
306	Removal of filth or noxious vegetation.	36	20	14	2	...

Plague Measures.

187. The plague operations continued to be administered by the Assistant Health officers under the supervision of the Health officer. The passport station at Chetput, which was opened on 1st November 1910, owing to outbreak of plague in the Madura District, was abolished on the 16th May 1912 (vide G. O. No. 349 P., dated the 11th May 1912).

There were no indigenous cases of plague in the City. There was only one fatal suspicious imported case.

188. *Passport administration:*—During the year 1,32,558 passports were issued at Basin Bridge, Perambore, Ponneri and Chetput of which 98,650 passports related to the City and 33,908 to the mofussil. At the Madras Harbour 1,165 City and 654 mofussil passports were issued. Out of 99,815 city passportees 1,354 or 1·357 could not be traced as against 741 or 0·942 per cent in the previous year. The number of mofussil passports dealt with by the city staff was 2,515 of which 45 or 1·789 were not traceable as against 15 or 0·874 in 1911-12. The number of prosecutions instituted and convictions obtained for infringing the plague regulations during the year was 30 and 24 respectively as against 44 and 33 in the previous year.

189. The Port Health Officer reports as follows :—

"209 outgoing vessels carrying 22,082 persons as crews and 39,332 as passengers were inspected during the year and granted Bills of Health. Besides these there were 168 incoming vessels, arrivals from plague-infected Ports and carrying 17,760 persons as crews and 52,019 as passengers for Madras. The bedding and effects of deck passengers and native crews embarking at this Port for places out of India were disinfected prior to embarkation as were also the effects of deck passengers and native crews from plague infected ports who disembarked here. Two cases of small-pox and one case of measles were removed from vessels calling at this Port. They were sent to the Isolation Hospital at Krishnampet."

190. The destruction of rats continued during the year under a special officer. The number of rats destroyed during the year was 1,42,071 thus bringing the total destroyed since the beginning of the operations to 1,618,549. The Plague Research Commission continued its labours during the year and the results have not been published yet.

Conservancy.

191. The improved system of cleaning the side drains continued to be conducted as an experimental measure in the 17th Division during the year and some additional changes were also introduced, *e. g.*, (1) The rubbish carts now make three trips a day, two in the forenoon and one in the afternoon. In the forenoon, the carts in the first trip remove combustible rubbish and in the second the incombustibles. In the afternoon, both combustibles and incombustible rubbish are removed, the one being deposited in the front and the other on the back of the cart. This system greatly helps screening operations at the incinerators. (2) The special covered silt bins introduced in the division for the immediate deposit of silt from the side drains have been accepted without objection. The silt, as the drain cooly removes from the drains, is deposited into these special silt bins and then removed by means of box-carts. With these improvements the system has worked well; the desirability of extending it to the other portions of the City is still under consideration though, in practice, the same system is followed in all other divisions with the usual complement of coolies and carts assigned for each of them.

192. *Incinerators:*—During the year under report five more incinerators were constructed at the cost of the Corporation, of which one was a dome incinerator. It is so constructed that it can be placed near even dwelling houses without fear of fire or smoke nuisance. Night soil too can be disposed of by means of this dome incinerator in small quantities.

During the year 20,70,508 cubic feet of land have been re-claimed with ashes and screened earth from the incinerators—large and small. The reclamation works on private lands undertaken during the previous year have all been completed. Some more works were taken up during the year under report and these are marked with an asterisk in the statement showing the works. The cost of reclamation work done during the year under review is estimated at Rs. 10,870-4-10.

193. *Conservancy bullocks and depots.*—All the eight conservancy bullock depôts were run by the Department as in the previous year. One hundred and thirty-six bullocks at a total cost of Rs. 10,961-4-0 were purchased during the year. This number includes the bullocks purchased for the Engineering Department for road washing and sweeping purposes and also for the Corporation Grass Farm at Tondiarpet. The number of bullocks on the 1st April 1912 was 1,261, of which 29 died during the year and 53 were sold as unserviceable. The number on 31st March 1913 was 1,315. The number of deaths and sales among the conservancy bullocks during the year 1911-12 was 52 and 150 respectively.

194. *Maintenance of bullocks.*—The total expenditure under this head during the year including the amount debited to Grant I—repairs—drainage, was Rs. 1,88,219-7-1 against an estimate of Rs. 2,04,150-0-0 and Rs. 1,71,409-1-6 in the previous year. The decrease as compared with the revised estimate was due to (a) stoppages on account of absence among drivers and (b) fines. Temporary drivers were employed on daily wages in the place of absentees and thus the conservancy work was carried on without complaint except when a shortage of labour occurred.

195 The amount expended on labour employed for conserving the streets and public latrines was Rs. 37,734-0-11 against an estimate of Rs. 40,500 and against Rs. 38,275-11-0 in the year 1911-12, the decrease being due to the same cause as mentioned above.

196. *Health of bullocks.*—(*a*) *Foot and mouth disease.* This disease first broke out during the year in the conservancy bullock depot of the North Range and continued up to January 1913. As soon as the disease made its appearance, an isolation camp was opened in the north-western corner of People's Park, where the contacts were isolated and kept under treatment. The antiseptic foot-baths, to which reference was made in the previous year's report, proved very valuable in arresting the further spread of the contagion so much so that, though the disease was prevalent for about six months and so many as 392 bullocks had been attacked, no case proved fatal.

(*b*) *Anthrax.*—The bullocks were not free from anthrax either. There were eight cases one in (A) Cochrane Depôt, four in (D) Choolai Depôt and three in (E) Harris Road Depôt. Immediate measures were adopted to stamp it out and they proved effective.

The health of the bullocks during the year was otherwise excellent, as can be noticed from the smaller number of deaths during the year as compared with the previous year.

197. *Improvements to conservancy bullock depots.*—An additional shed for twelve pairs of bullocks was constructed at Monegar Choultry Depôt with a view to relieve congestion in the cattle sheds. Two sheds were constructed in Monegar

Choultry and Basin Bridge Depôts respectively, for the immediate segregation of bullocks suffering from suspicious and contagious diseases. The one in Basin Bridge Depôt is not completed yet. Six gram sheds, in six of the depots, were constructed. These have reduced very much the supervision that was formerly required when the soaking tubs were in use. The shed further facilitates the safe custody of gram, etc., and the simultaneous feeding of all the bullocks without confusion.

198. 1,23,180 cubic feet of low lands and pits in the several depôts were reclaimed with ashes and screened earth from the incinerators.

199. *Provision for receptacles for rubbish, etc.*—Seven hundred and fifty-nine corrugated iron dust bins large and small including 42 bins manufactured in 1911-12 and distributed during 1912-13 and 85 fly proof rubbish bins were additionally provided during the year. The new fly proof bins have been much appreciated and introduced in almost all the divisions.

Forty-one new cylindrical carts were manufactured and distributed. These have air-tight valves and are used for the removal of night soil and liquid silt. This is an improvement on the old pattern iron night soil and wooden box carts. The introduction of these carts for the removal of night soil has stopped complaints as to stinking and night-soil spitting while the carts pass along the roads. This system has worked satisfactorily for the last six months and it is under consideration to replace all night-soil carts by these new carts.

200. *Notices and Prosecutions.*—During the year 2,108 prosecutions were instituted of which 1,543 were convicted by the Magistrate.

306 notices were served during the year under review of which 299 were complied with.

201. *Private Scavenging.*—The amount realised by the supply of carts and coolies to private parties under Sections 294 (*b*) and 295 of the Act was Rs. 6,993-15-2 against an estimate of Rs. 6,500 and against Rs. 6,649-0-1 in the previous year. The increase was due to the municipal service having been availed of in a larger number of cases.

The expenditure under this head was Rs. 2,131-4-0 against an estimate of Rs. 2,360-0-0 and against Rs. 1,818-1-5 in the year 1911-12.

202. *Conservancy Improvements.*—

(1) Night-soil conservancy of 16th or Chintadripet division:—The system of removing night-soil by hand carts and boats in this division was abolished in May last and the work is now carried on by means of ten night-soil carts. This rendered the wharf no longer necessary and the long standing public nuisance in this locality has now been completely removed.

(2) *Night-soil conservancy of the Penitentiary.*—The night-soil, etc., accumulating in the Penitentiary premises is removed to Korukupet trenching ground by means of boats through the Cooum and Buckingham Canal. The improvements introduced in Chintadripet might with equal advantage be introduced here and the matter is under correspondence with the Penitentiary authorities.

203. *Sweeping of horse and cow dung from roads.*—It was stated in paragraph 255 of the previous year's report that a special staff was engaged for the purpose

of removing cow and horse dung from the Mount Road, as an experimental measure. The result of the experiment was satisfactory and the system was extended to the following roads:—From Wallajah Bridge to Kodambaukam High Road, Benfield Road, Broadway, North Beach Road, Esplanade Road, China Bazaar Road, Irusappa Maistri Road, Evening Bazaar Road, Poonamallee High Road up to Tramway Power Station and Mint Street from General Hospital to Old Jail Street.

204. *Ice House Road Night soil Pail Depôt.*—This depôt is working satisfactorily and all the night-soil collected in 17 to 20 divisions except that removed by night conservancy carts is disposed of in this depôt, the number of cart loads thus disposed of amounting to about 50 a day. During the year under report 21,186 cart loads of night soil was brought to the Pail Depôt for disposal and 1,710 cart loads of silt, etc., obtained during the process of liquifaction of night-soil were collected and sent to Mylapore wharf for disposal. But as the staff was not sufficient to cope with this increased work, it was strengthened and adjusted among the three night-soil stations—the Pail Depôt, Krishnampet wharf and Mylapore wharf. This readjustment of the staff led to a saving of Rs. 720 per annum. Saving was also anticipated from reducing the number of carts, but this reduction has been held in abeyance in view of the difficulties in the working of the depôt during rains. It is under consideration to introduce such depôts in convenient centres throughout the City.

205. *Sanitation of Beach opposite to the High Court Battery.*—This portion of the beach served the same purpose as Marina in Chepauk. The residents of Georgetown resort to this spot in the evenings to enjoy the sea-breeze. Complaints were received about the insanitary condition of this locality. On inspection it was found that the place was more or less used as open latrines by the coolies of contractors employed within the port limits for such works as oil installation etc. Immediate steps were taken to put an end to this nuisance and the beach is now kept in a fairly clean condition.

206. *Trenching Grounds.* (1) *Korukupet Trenching Ground, North Range.*—The old system of dumping night-soil in Manally and selling the manure raw was replaced by trenching since the year 1909. The old rubbish depôt in Korukupet which has been levelled and prepared specially for the purpose and which covers an area of nearly nineteen acres is the ground now used for trenching. The ground is divided into a number of plots which are taken up in turn and trenched. The whole of the night-soil removed from the first nine municipal divisions which averages to about 200 cart loads a day, and the whole of the night-soil from the Fort and the Penitentiary are disposed of in this trenching ground. The staff employed for the trenching ground consists of a Superintendent, a peon and 43 coolies—29 males and 14 females. On an average nine trenches 30′ long 3½′ broad and 2′ deep are used up every day. The right of removing manure from this trenching ground is given out on contract and the amount realized during the past year was Rs. 4,650. Only manure from trenches over six months old is allowed to be removed. The ground, large as it is, is barely sufficient for the proper disposal of the whole volume of the night-soil received into it. It is proposed to open another ground in Manally about half a mile further from the present ground. The staff has also to be increased as the present strength is found to be insufficient.

(2) *Trenching grounds, South Range.*—There are in the South Range three trenching grounds, the Brick Kiln Road, the Mylapore and Sterling Road Depôts. Of these, the last covers an area of six cawnies and five grounds and is divided into eighteen plots each comprising twenty trenches. The night-soil taken by the ten conservancy carts of the 15th division is trenched in this depôt daily. During the year under review 200 trenches were used and manure from 365 trenches, over six months old, was removed by the contractor. This depôt, situated as it is on the outskirts of the City limits, worked satisfactorily and no complaints were received against it.

The trenching ground on the Brick Kiln Road covers an area of nine cawnies and is divided into eleven plots, each comprising 175 trenches. The whole night-soil removed from the 10th to the 14th division, both inclusive, and the 16th division amounting to about 129 cart loads a day are disposed of in this trenching ground. During the year nine plots were used and the manure from 720 trenches over six months old was removed by the contractor. The amount realized during the year by sale of manure from this trenching ground and the Sterling Road trenching ground was Rs. 2,375. This ground is not favourably situated. It is in the midst of habitations. To the south and south-west of the ground are European quarters, while to its north and east are hutting grounds, Oobrapalayam, etc. Complaints were frequently lodged in consequence of the stench emanating therefrom; but the nuisance was minimised as far as possible by the use of dry earth and disinfectants in the trenches.

The Mylapore trenching ground covers an area of nine cawnies and is divided into 24 plots each comprising of 35 trenches. This ground is not now largely used since the introduction of the Ice House Road Flushing Depôt. During the year seven plots were opened and manure from 520 trenches over six months old was removed by the contractor, the amount realized therefrom being Rs. 900.

During the rainy season considerable difficulty is experienced in taking the carts to the trenching place. The trenches are often filled with water and it is difficult to get enough dry earth for covering the trenches after they are loaded. The carrying out of the proposal of the Special Engineer to introduce more pail depôts throughout the City will, it is hoped, obviate much of the nuisance resulting from trenching system.

Sanitation.

207. The provisions of the Act relating to the construction of and repairs to latrines were as usual rigorously enforced during the year. The number of notices issued under Sections 224 and 227 was 447 and 279, respectively, against 321 and 259 in the previous year.

208. Sections 301 to 309.—These sections relating to the treatment of insanitary tanks, wells, low lying lands and overcrowded buildings received as usual sustained attention. The number of notices issued thereunder was 5,952 against 3,390 in the previous year. More attention was paid to the working of Sections 301, 302, 307 and 308 than in the previous year. Hutting grounds and paracheries were improved and congested localities were opened up; improvement of the Rope Godown paracheri in the second division, opening of a new lane in Mangammal Hutting ground in the seventh division and the formation of a new street next to

the Connemara Market in the thirteenth division may be cited as the chief instances in point under this head

209. Section 311.—The prohibition of fishing in the Cooum river was strictly enforced during the year and 86 prosecutions were launched against people who continued to fish.

210. Cattle yards continued to demand a vigilant supervision. The question of removing all the cattle yards from their present places to public yards located in convenient centres has been engaging the attention of the department and steps are under consideration for providing such yards. An elaborate survey of all the cattle yards in the City and the conditions of milk supply obtaining at present is now in progress. Special efforts taken in previous years to keep bakeries and ærated water factories under effective sanitary control were sustained throughout the year and the system of requiring labels to be put on bottles of ærated waters and medical certificates for employés in bakeries has had a wholesome effect.

211. *Food and Drugs*:—The long list of damaged articles destroyed by the Food Inspector during the year, printed in Appendix II, Table No. 22, demonstrates that the control exercised over the sale of food and drugs was satisfactory. The appointment of another Food Inspector sanctioned during the current year will ensure a further advance in this direction. Places intended for the manufacture and sale of articles of food and drink, lodging houses and eating houses were regularly inspected during the year by the assistant health officers and steps were taken then and there to remedy the defects found therein and to prevent sale of unwholesome articles of food and drink. The pernicious system of selling articles of food over side-drains was prevented by freely resorting to prosecutions and securing convictions.

The Custom House and the Railway authorities have as usual been affording facilities for the examination of food supplies brought into the City by their agencies. The chief articles of consumption, such as rice, pulses, ghee, vegetable oils, dairy products, tinned goods, aerated waters, bread, sweetmeats, vegetables and fish claimed the careful attention and inspection of the Food Inspector at their respective places of storage or sale.

212. *Infectious diseases.*—The Isolation Hospital at Krishnampet and the Plague Hospital at Egmore maintained by the Corporation continued to do useful work during the year. The necessity for an Isolation Hospital to suit the needs of the whole City has long been felt and steps are being taken to acquire a site at Aminjikarai for this purpose. But the plans and estimates for the hospital have not yet been approved by the Sanitary Board and the Government, and it is hoped that they will be sanctioned as early as possible.

Watering Roads.

213. The improved watering arrangements referred to in para 265 of the report for 1911-12 were continued and another watering cart was manufactured in the municipal workshop on the same model as the English water cart. These measures as well as tarring of roads have helped to minimise the dust nuisance.

Grant IV.—(*Miscellaneous Municipal purposes*).

Lighting.

214. The cost of maintenance during the year was Rs. 76,147 as against Rs. 73,921 in the previous year. The contractors' bills amounted to Rs. 76,528 out of which Rs. 381 was deducted for fines imposed.

215. There were 5,941 oil lamps at the beginning of the year, to which 79 were added and 251 were removed leaving 5,769 at the end of the year. In addition to these, 53 power lights were maintained at the beginning of the year out of which five were removed during the year, leaving 48 lights at the end of the year.

216. There were 224 electric incandescent lights at the beginning of the year to which 36 lights in Mount Road and Marina, 192 lights in important streets and junctions of roads were added, making a total of 452 lights at the end of the year. The lighting of the abovesaid lamps was for the first eight months inspected by the two lighting inspectors on Rs. 60 each, but subsequently the appointments were split into three on Rs. 30-1-40 each. Each lamp was inspected on an average 47 times during the year.

Avenues.

217. The actual number of avenue trees at the end of the year was 15,680 as against 14,690 at the end of 1911-12, of which 2,831 required to be watered. Mr. Houghton, the Honorary Arborist, continued as before to superintend the planting and care of avenue trees and roadside gardens. Their flourishing condition is due to his untiring efforts and enthusiasm for which he deserves great credit.

Public Parks.

218. *People's Park.*—(1) The following contracts were let out during the year under review :—

Receipts.

(*a*) Menagerie collections at Rs. 410-15-11 per month or Rs. 4,931-15-0 for the year against Rs. 4,624 in the previous year.

(*b*) The right of reaping the produce of the productive trees in the People's Park, for one year from 1st April 1912 to 31st March 1913, for Rs. 26 against Rs. 25 in the previous year.

(*c*) The right of keeping bazaar for selling aerated waters and sundry articles of food at the entrance to and inside the menagerie enclosure in the People's Park, for three years ending 31st March 1915, at Rs. 50 per annum, against Rs. 41 in the previous year.

Charges.

(*d*) For supplying meat &c. for animals and birds—

Goats' meat	@ 7 lbs. per rupee.
Mutton	„ 7 „ „
Beef	„ 8¾ „ „
Kid or duck	„ 8 annas each.

(*e*) Provisions at Rs. 456-0-8 *per mensem* approximately.

(2) The saleable value of the live-stock amounts to Rs. 12,613.

(3) The following animals and birds were presented during the year :—

1 Tiger, by the Rajah of Ettiyapuram.

1 Roselett (parrot) and 1 Australian sheep } by Major Elwes, I. M. S.

2 Brown monkeys by Risaldar Major Hari Singh.

1 Toddy cat and 2 Civet cats } by M. R. Ry. Thiruvengadathan Chettiyar.

1 Dwarf deer by M. R. Ry. Diwan Bahadur M. O. Parthasaradhi Aiyangar.

1 Buck deer by M. R.Ry. Lodd Govindoss.

2 Lion tailed monkeys, 2 Bonnet monkeys, and 1 Madras langur } by J. R. Henderson, Esq., Superintendent, Government Museum, Madras.

The receipts of the Park, including the Government grant of Rs. 2,000 for the zoological collections, rose from Rs. 7,724-9-0 to Rs. 9,362-8-5. The expenditure amounted to Rs. 23,539 against Rs. 22,162.

219. *Napier Park.*—The right of grazing cattle was leased for Rs. 77 for one year from 1st August 1912 to 31st July 1913.

220. *Robinson Park.*—The receipts and charges of this park amounted to Rs. 450-0-3 and Rs. 10,114-7-7 respectively, against Rs. 3,237-1-11 and Rs. 4,878-14-8 in the previous year. The fall in the receipts was due to the stoppage of sewage to grass beds. The increase in the charges was due to the installation of an oil engine, sinking wells and constructing a reservoir, store-room &c.

221. *Loane Square.*—The square was as usual resorted to by the public as a convenient recreation ground.

The details of the receipts and charges of the above four parks appear in Appendix II, Tables 25-28.

Band.

222. The Band of the Madras Volunteer Guards played as usual twice a week at the Marina and four times a month in the People's Park. The Madras and Southern Mahratta Railway Rifles who played at Robinson Park, Loane Square and the High Court compound up to the end of November having expressed their inability to continue the performances further, the services of the Madras Volunteer Guards were secured for these three places also on payment of a remuneration of Rs. 20 a day with an extra fee of Rs. 5 to cover their conveyance expenses. Since the commencement of the current official year arrangements have been made to play the Band once a month in the Island ground in the People's Park to afford some merriment to the animals kept in captivity in the menagerie and also to secure a higher tender for the right of collecting fees for admission into the enclosure for these animals.

Fire.

223. The total cost of maintenance of the steam, motor and manual fire engines was Rs. 13,263 as against Rs. 8,304 in the previous year. The increase is due to the maintenance of the motor fire engine, which was received only on 15th March 1912 and used by the Corporation for the first time during the year. The engines continued to be worked as in former years by the City Police. They were requisitioned for 24 fires. The motor fire engine was found satisfactory in all the work it was called upon to do.

Other Charges.

224. *Contribution to Provincial Funds.*—As usual, a sum of Rs. 50,000 was paid to Provincial Funds with reference to G.O. No. 585 M, dated 25th March 1882.

225. *Lethal Chambers.*—The two chambers at Krishnampet and Basin Road maintained by the Corporation continued to work during the year. An innovation of a minor character was introduced during the year by way of substituting hydro-carbon for carbonic acid gas for killing the dogs. The experiment was found to be equally efficacious at comparatively less cost than carbonic acid gas and it is now continued. The total number of dogs destroyed during the year in

(i) Krishnampet was ... ... 4,508 and in

(ii) Basin Road „ 3,140

and the income realised by way of recovery of feeding charges of dogs and from sale of dogs' skins—which had not been found possible during the major portion of the year, until in January 1913 Messrs. Chambers & Co., undertook to purchase skins of healthy dogs and pups at one anna nine pies each—amounted to Rs. 386-4-0.

226. *Public ceremonies.*—Two addresses were presented during the year—one to H. E. Lord Pentland on his arrival in Madras and the other a farewell address to H. E. the Right Hon. Baron Carmichael of Skirling.

Grant V.—(*Supervision and management*).

227. The expenditure under this head amounted to Rs. 1,50,416-2-8 and was 3·36 per cent. of the total receipts of the year. The portion of this sum spent on the establishment maintained for the purpose of assessment and collection amounted to Rs. 79,980-0-2 or 1·79 per cent of the total receipts.

Repayment of Debt.

228. The opening balance of the Sinking Fund account appertaining to the several loans of the Corporation, exclusive of the Government instalment loans of sixteen lakhs, was Rs. 23,15,000 held in the shape of Government Promissory Notes and Madras Municipal Debentures, with a minus cash balance of Rs. 12,431-6-3. During the year under report, an allotment of Rs. 95,531-15-7 was made to this fund from the general revenues, Rs. 39,398-5-8 were derived as interest on prior investments made to the fund and Rs. 8,346-7-11 were realised by the sale of Government Promissory Notes of the face value of Rs. 8,600 relating to the repayment of the two open market loans of 1882. The net receipts of the year on

account of the sinking fund after making good the deficit in the opening cash balance thus amounted to Rs. 1,30,845-6-11. Out of this sum, Government Promissory Notes and Madras Municipal Debentures of the face value of Rs. 1,30,100 were purchased at a cost of Rs. 1,28,964-14-10 and Rs. 500 of the water supply extension loan of 1882 were repaid during the year. The aggregate investments at the close of the year to the credit of this fund stood at Rs. 24,36,500 with a cash balance of Rs. 1,380-8-1. Payments amounting to Rs. 92,277-6-8 were also made during the year towards the Government instalment loans. Out of these payments, a sum of Rs. 33,154-8-3 was appropriated by the Accountant-General towards the repayment of the loans and Rs. 59,122-14-5 towards interest.

Refund of other than Current Collections.

229. The total amount refunded during the year was Rs. 41,642-14-0 against an estimate of Rs. 45,000. The details of the refund are given in Appendix I, Table No. 4.

No. II Account.

230. This account which exhibits the transactions relating to the Corporation Stores and Workshop, the payments made on account of the sinking fund for loans raised in the open market, the security deposits of the Corporation servants and contractors, &c., opened with a balance of Rs. 14,47,600-14-10. The receipts during the year amounted to Rs. 7,42,062-5-9 and the expenditure to Rs. 6,32,937-14-10 leaving a balance of Rs. 15,56,725-5-9 at the close of the year.

Workshop.

231. The total value of works turned out in the Workshop during the year under report was Rs. 1,42,195-15-4 (*vide* Appendix 11, Table No. 30) against Rs. 1,20,483-3-4 in 1911-12. The amount earned in the shape of supervision charges was Rs. 20,695-12-4 against Rs. 18,120-8-9 in 1911-12.

232. The expenditure on account of wages of maistries and contingent charges amounted to Rs. 13,992-0-3 or 9·84 per cent. on the value of works turned out against 10·90 per cent. in the previous year. The cost of establishment including allowances amounted to Rs. 11,432-6-2. The total expenditure exceeded the receipts by Rs. 4,728-10-1. The excess represents 3·32 per cent. of the value of the works.

CORPORATION OF MADRAS
23rd July 1913.

P. L. MOORE,
President.

STATEMENT I.—Revenues and Receipts of the Municipal Fund of the City of Madras during the Official year 1912-13.

Items.	Actuals, 1912-1913						Budget Estimate for 1912-1913.			Revised Estimate for 1912-1913.			Actuals, 1911-1912.			Explanation of variations between the Actuals and the Revised Estimate of 1912-1913.
	Details of Minor Heads.			Totals of Major Heads.												
1	2			3			4			5			6			7
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	
1 Opening Balance—																
(a) General Fund ...	9,50,337	8	2				4,09,920	0	0	9,30,340	0	0	8,30,111	15	4	
(b) Water and Drainage Fund ...	8,94,413	4	4				6,67,880	0	0	8,94,410	0	0	12,73,002	13	6	
(c) Lighting Fund ...	1,689	0	8				...	...	...	1,700	0	0	...	...	...	
Total ...				18,46,449	13	2	10,77,500	0	0	18,46,450	0	0	21,03,117	12	10	
2. Municipal Rates and Taxes—																
(a) Tax on Arts, &c. (Sec. 120) ...	1,70,555	7	2				1,62,000	0	0	1,66,200	0	0	1,66,054	3	8	The increase was due to the current demand having been greater than what was anticipated and to better collection.
(b) Tax on Buildings and Lands (Sec. 129) ...	7,97,290	0	10				8,04,600	0	0	8,27,290	0	0	7,78,695	1	9	The decrease was due to the non-payment by Government of the increased taxes on Government Civil and Military buildings pending the settlement of the assessments by a Committee appointed for the purpose.
(c) Tax on Lands (Sec. 141) ...	8,906	2	11				8,950	0	0	9,610	0	0	6,881	6	3	The decrease was due partly to the non-payment of taxes by Madras and Southern Mahratta Railway and Government within the year and partly to the difficulty experienced in collecting the taxes departmentally.
(d) Water and Drainage Tax on Buildings and Lands (Sec. 145) ...	5,18,100	11	7				5,22,890	0	0	5,57,690	0	0	5,66,075	11	2	Vide explanation against tax on buildings and lands.
(e) Water and Drainage Tax on Lands (Sec. 146.)	5,641	8	3				5,720	0	0	6,110	0	0	4,309	3	0	Vide explanation against tax on lands.
(f) Lighting Tax on Buildings and Lands (Sec. 148.)	99,676	6	10				1,00,570	0	0	1,03,400	0	0	97,367	4	11	Vide explanation against tax on buildings and lands.
(g) Lighting Tax on Lands (Sec. 149) ...	1,115	5	3				1,120	0	0	1,710	0	0	850	4	5	Vide explanation against tax on lands.
(h) Tax on Vehicles with springs (Sec. 150) ..	69,108	12	5				65,200	0	0	66,150	0	0	66,381	8	0	Vide explanation against tax on arts &c.
(i) Tax on Animals (Sec. 150) ...	41,230	3	8				40,950	0	0	40,650	0	0	40,997	3	11	The increase was due to better collections.
(j) Tax on Carts and other Vehicles without springs (Sec. 158) ...	32,411	8	0				31,400	0	0	31,400	0	0	31,766	14	3	Do.
(k) Tolls on Vehicles and Animals entering Municipal Limits (Sec. 164) ...	43,127	4	4				43,100	0	0	43,100	0	0	43,528	2	0	The increase was due to penal interest on overdue instalments.
Total ...				17,87,166	8	3	17,86,400	0	0	18,32,850	0	0	17,42,911	15	4	
3. Revenue derived from Municipal property and powers apart from Taxation—																
(a) i. Payment for Occupation of Municipal Lands ...	6,672	3	9				5,880	0	0	6,560	0	0	7,197	0	0	The increase was due to better collections.
(a) ii. Rent of Lands and Buildings ...	26,152	10	0				22,500	0	0	23,000	0	0	25,599	10	9	The increase was due partly to the revision of the scale of rents charged for lands near Trevelyan Basin and in Basin Bridge and Wall Tax Roads and partly to the track rents realised on account of the extension of the Tram lines to Washermanpet and Royapuram.
(b) i. Sale-proceeds of Lands ...	5,236	3	5				1,000	0	0	5,000	0	0	1,385	15	6	This is an uncertain item.
ii. Esplanades, &c., Grazing Rents ...	2,159	0	6				800	0	0	2,100	0	0	2,856	0	0	
iii. Rent of Cart-stand ...	4,908	7	6				3,880	0	0	4,900	0	0	3,880	0	4	
iv. Rent of Municipal Wharf ...	1,600	0	0				1,600	0	0	1,600	0	0	1,600	0	0	
v. Produce of Lands, Gardens &c.,																
(1) People's Park ...	7,362	8	3				5,430	0	0	6,050	0	0	5,724	9	0	The increase was due to increase under sale of grass, hire of plants, &c.
(2) Napier Park ..	111	5	0				80	0	0	150	0	0	76	14	0	
(3) Robinson Park ...	450	0	3				2,000	0	0	450	0	0	3,237	1	11	
(4) Grass Farm ...	40,276	15	5				65,000	0	0	38,500	0	0	16,215	7	11	The increase was due to the deposit of Rs. 3,000 paid by the late lessee having been adjusted in the year.
vi. Sale-proceeds of old materials ...	3,004	15	6				2,500	0	0	1,650	0	0	3,278	2	4	This is an uncertain item.
(c) Conservancy Receipts—																
Sale of Rubbish ...	10,970	5	1				17,300	0	0	10,200	0	0	17,520	5	4	The increase was due to recoveries for reclamation works.
Private Scavenging ...	6,993	15	2				5,100	0	0	6,500	0	0	6,649	0	1	The increase was due to supply having been made in a larger number of cases.
(d) Hospital Receipts ...	84	9	0				300	0	0	300	0	0	56	2	8	This is an uncertain item. The decrease was due to collections from a less number of patients
(e) i. Income from Markets (Sec. 337)—																
(1) Smithfield Market ...	4,723	6	6				4,500	0	0	4,720	0	0	4,555	8	0	
(2) Moore Market ...	31,398	8	8				29,700	0	0	30,500	0	0	31,704	8	3	The increase was due to prompt collections by the staff.
ii Income from Slaughter-houses (Sec. 331). and Slaughter of Animals for food (Sec. 334) ...	80,630	5	5				81,000	0	0	81,000	0	0	82,911	3	11	The decrease was due to meat van collections being an uncertain item.
iii. Income from Dhobykhana ...	...	...	...				360	0	0	...	...	...	365	1	8	
iv. Income from Lethal Chamber ...	386	4	0				600	0	0	350	0	0	...	...	...	
(f) Other Fees—																
i. Import of Timber and Firewood (Sec. 327) ...	1,91,078	13	5				1,80,000	0	0	1,85,000	0	0	1,90,635	11	10	The increase was due to larger imports by sea and by railways.
ii. Private Markets (Sec. 344) ...	3,725	0	0				3,700	0	0	3,730	0	0	3,725	0	0	
iii. Licenses, Registration, &c. ...	63,276	10	0				63,000	0	0	63,000	0	0	58,073	1	0	The increase was due to better collections.
iv. Fees for furnishing extracts of births and deaths ...	458	3	10				200	0	0	350	0	0	..	...	...	This is an uncertain item.
v. Cart-stand Fees ...	697	8	0				720	0	0	700	0	0	720	0	0	
vi. School Fees ...	63	5	4				845	0	0	140	0	0	43	12	6	The decrease was due to opening of model schools at the close of the year.
vii. Distraint Fees ...	293	10	7				300	0	0	300	0	0	255	5	9	
(g) Fines under Municipal and other Acts—																
i. Municipal ...	4,185	2	6				3,500	0	0	4,500	0	0	5,997	11	8	This is an uncertain item.
ii. Police ...	...	...	...				...	...	...	...	...	...	...	...	...	
(h) Interest on Investments—																
Medical ...	2,569	0	10				2,250	0	0	2,500	0	0	2,254	5	8	
General ...	25,154	11	4				20,000	0	0	25,150	0	0	19,416	0	3	
Special ...	30,119	0	1				30,000	0	0	30,120	0	0	41,183	15	6	
(i) Premium on Loans ...	...	...	...				...	...	...	...	...	...	...	...	...	
Total ...				5,54,742	11	0	5,54,640	0	0	5,38,920	0	0	5,37,027	11	4	
Carried over ...				23,41,909	3	3	23,40,440	0	0	23,71,780	0	0	22,79,939	10	8	

STATEMENT I.—Revenues and Receipts of the Municipal Fund of the City of Madras during the Official year 1912–13—(*Concluded*)

Items	Actuals, 1912-13. Details of Minor Heads.			Actuals, 1912-13. Totals of Major Heads.			Budget Estimate for 1912-13			Revised Estimate for 1912-13.			Actuals, 1911-12.			Explanation of variations between the Actuals and the Revised Estimate of 1912-13.
1	2			3			4			5			6			7
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	
Brought forward				23,41,909	3	3	23,40,440	0	0	23,71,780	0	0	22,79,939	10	8	
4. Grants and Contributions—																
(a) From Government—																
i. Roads ...	20,000	0	0				20,000	0	0	20,000	0	0	20,000	0	0	
ii. Repairing structures of bridges over the Cooum and over the Buckingham Canal ...	4,443	0	0				4,440	0	0	4,440	0	0	4,443	0	0	
iii. Other purposes—																
(1) Compensation for Tax on places used for sale of Spirituous & Intoxicating Liquors ...	13,607	0	0				13,610	0	0	13,610	0	0	13,607	0	0	
(2) Zoological Collection in People's Park ...	2,000	0	0				2,000	0	0	2,000	0	0	2,000	0	0	
(3) Improvement of Water-supply and Drainage	18,50,000	0	0				18,50,000	0	0	18,50,000	0	0	5,00,000	0	0	
(4) Raja Sir S. Ramasamy Mudaliar Lying-in-Hospital ...	300	0	0				300	0	0	300	0	0	300	0	0	
(5) Motor fire engine ...	...	...	...				...	...	...	...	...	...	8,600	0	0	
(6) Census ...	3,856	10	10				...	...	...	3,860	0	0	...	...	...	
Total ...				18,94,206	10	10	18,90,350	0	0	18,94,210	0	0	5,48,956	0	0	
5. Miscellaneous—																
(a) Payment for water for non-domestic purposes	1,18,649	0	11				1,10,000	0	0	1,10,000	0	0	1,21,362	6	0	The increase was due to better collections.
(b) Sundry Receipts—Water-works ...	8,649	2	3				2,400	0	0	8,000	0	0	...	...	...	This is an uncertain item.
(c) Sale of Lymph ...	74	8	0				70	0	0	60	0	0	96	8	0	
(d) Refund from expenditure of previous years	4,908	2	6				1,000	0	0	800	0	0	6,745	3	4	
(e) Workshop Receipts ...	20,695	12	4				22,000	0	0	22,000	0	0	7,806	9	7	Do.
(f) Suspense ...	79	0	7				...	...	...	10	0	0	50	0	11	Do.
(g) Other Items ...	38,408	8	6				10,000	0	0	28,000	0	0	15,227	9	8	
Total ...				1,91,464	2	7	1,45,470	0	0	1,68,870	0	0	1,51,288	5	6	The increase was due to a larger income from sale of superstructures on lands acquired by the Corporation and from fines levied on contractors. This item includes a revenue of Rs. 586-2-6 from produce of avenue trees and of Rs. 1,245-14-6 from sale of avenue clippings.
6. Extraordinary and Debt—																
(a) Loans—																
i. From Government ...	...	...	...				...	...	...	...	...	...	1,00,000	0	0	
ii. In the open Market from private individuals	...	...	...				3,92,000	0	0	...	...	...	3,00,000	0	0	
(b) Realization of Sinking Fund—Interest on Water-works Loan of 1869-73 ...	43,306	4	9				43,700	0	0	43,700	0	0	42,528	0	11	
Total ...				43,306	4	9	4,35,700	0	0	43,700	0	0	4,42,528	0	11	
Advances recovered—																
i. Permanent ...	200	0	9				...	...	...	200	0	0	...	...	...	
ii. Others ...	5,588	15	3				1,000	0	0	12,000	0	0	9,370	4	8	
Total ...				5,788	15	3	1,000	0	0	12,200	0	0	9,370	4	8	
Total Receipts ...				44,76,675	4	8	48,12,960	0	0	44,90,760	0	0	31,32,076	5	9	
Grand Total ...				63,23,125	1	10	58,39,260	0	0	63,37,210	0	0	53,35,194	2	7	

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1912-13.

Items.	Actuals, 1912-13. Details of Minor Heads.			Actuals, 1912-13. Totals of Major Heads.			Budget Estimate for 1912-13.			Revised Estimate for 1912-13.			Actuals, 1911-12.			Explanation of variations between the Actuals and the Revised Estimate of 1912-13.
1	2			3			4			5			6			7
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	
GRANT I.—(*Public Works*)—																
1. New Works—																
(a) Communications ...	44,874	10	2				19,560	0	0	86,560	0	0	75,689	6	2	Decrease chiefly due to smaller outlay on the construction of the new road from Mount Road to South Beach Road, to the delay in payment for acquisition of land for building line in Popham's Broadway and to the work of metalling the roadway over masonry bridge over the Ottary nullah in Perambore, which was just constructed, not having been done during the year.
(b) Buildings ...	3,14,593	14	6				6,03,000	0	0	6,73,500	0	0	2,67,267	8	10	Decrease due to some of the works included in the Revised Estimate not having been put in hand during the year, to some works having been in progress and to claims for some works completed not having been preferred in time.
(c) Drainage—																
1. Special ...	4,07,595	0	0				4,77,650	0	0	4,56,490	0	0	4,74,994	7	11	Do. do.
2. Ordinary ...	27,190	4	6				29,940	0	0	41,470	0	0	23,449	2	8	Decrease due to savings on some of the works, to some works having been in progress and to claims for works completed not having been preferred in time.
(d) Water-supply—																
1. Special ...	6,19,017	13	9				12,85,400	0	0	6,55,000	0	0	4,35,206	8	1	Decrease due to some of the works included in the estimates not having been carried out within the year and to claims for works completed not having been preferred and paid for in time.
2. Ordinary ...	8,782	13	8				7,500	0	0	12,910	0	0	14,743	7	9	Do. do.
(e) Miscellaneous ...	79,146	8	2				69,430	0	0	91,770	0	0	83,629	5	10	Do. do.
Total ...				15,02,011	0	9	24,92,480	0	0	20,17,700	0	0	13,80,889	15	3	
2. Repairs—																
(a) Communications ...	3,74,914	1	6				3,71,200	0	0	3,75,590	0	0	3,20,660	4	4	Decrease due to claims for some works completed not having been preferred and paid for in time.
(b) Buildings ...	21,961	4	10				19,000	0	0	27,920	0	0	22,197	13	0	Decrease chiefly due to the provision of Rs. 5,300 for repairing pumping stations not having been appropriated by the Special Works Department and to savings on some of the works executed.
(c) Drainage—																
Repairs to Works, &c. ...	2,61,754	10	6				2,80,520	0	0	2,76,360	0	0	2,21,642	5	0	Decrease due to savings on some of the works and to claims for some works completed not having been preferred and paid for in time.
Establishment ...	37,195	11	3				40,670	0	0	40,190	0	0	35,919	2	6	Decrease due to savings.
Overtime ...	94	7	7				300	0	0	160	0	0	77	12	8	
Allowances ...	1,589	9	7				1,890	0	0	1,880	0	0	1,451	4	2	
	6,97,512	13	3				7,13,580	0	0	7,22,100	0	0	6,01,978	9	8	
Carried over ...				15,02,011	0	9	24,92,480	0	0	20,17,700	0	0	13,80,889	15	3	

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STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1912-13—(*Continued*).

Items.	Actuals, 1912-13. Details of Minor Heads.			Actuals, 1912-13. Totals of Major Heads.			Budget Estimate for 1912-13.			Revised Estimate for 1912-13.			Actuals, 1911-12.			Explanation of variations between the Actuals and the Revised Estimate of 1912-13.
1	2			3			4			5			6			7
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	
Brought forward ...				15,02,011	0	9	24,92,480	0	0	20,17,700	0	0	13,80,889	13	3	
GRANT I.—(*Concluded*).																
2. Repairs—(*Continued*).																
(*d*) Water-supply—																
Repairs to works, &c. ...	63,533	3	4				54,160	0	0	68,180	0	0	52,316	8	1	Decrease due to savings on some of the works and to claims for some works completed not having been preferred and paid for in time.
Establishment ...	4,236	3	7				3,960	0	0	4,250	0	0	1,219	14	4	
(*e*) Miscellaneous ...	24	9	5				300	0	0	100	0	0	6	2	8	
Total ...				7,65,306	13	7	7,72,000	0	0	7,94,630	0	0	6,58,575	2	9	
3. Establishment—																
(*a*) General ...	43,418	12	2				41,330	0	0	44,800	0	0	39,047	9	6	Decrease due to savings.
Special—																
Drainage ...	60,905	4	7				84,180	0	0	69,020	0	0	61,110	4	2	Decrease due to non-entertainment of the whole of the sanctioned staff.
Water-supply ...	43,198	9	11				83,200	0	0	57,800	0	0	15,213	11	9	Do. do.
Allowances—																
Special ...	1,874	8	2				3,250	0	0	2,290	0	0	1,622	0	4	Decrease due to savings.
Ordinary ...	2,917	1	5				3,600	0	0	3,600	0	0	2,253	14	4	Do. do.
Overtime ...	...	...	...				1,000	0	0	...	...	...	...	...	...	
(*b*) Steam Road Roller—																
Establishment ...	4,685	2	9				5,260	0	0	4,900	0	0	3,784	7	7	Do. do.
Overtime ...	121	7	9				200	0	0	200	0	0	112	11	0	
Total ...				1,57,120	14	9	2,22,020	0	0	1,82,610	0	0	1,53,484	10	8	
4. Tools and Plant ...				29,723	5	9	27,650	0	0	38,000	0	0	8,634	12	2	Decrease due to claims not having been preferred and paid for in time.
5. Miscellaneous—																
(*a*) Stationery ...	2,358	8	1				2,500	0	0	2,650	0	0	1,912	3	1	Do. do.
(*b*) Printing Charges ...	1,910	0	0				2,000	0	0	2,000	0	0	3,005	14	1	
(*c*) Advertising Charges ...	4,618	0	0				2,000	0	0	3,450	0	0	3,454	2	5	This is an uncertain item. Increase is partly due to cost of advertisements for street electric lighting.
(*d*) Law Charges and Stamp Duties ...	828	6	9				500	0	0	800	0	0	201	0	9	Decrease due to claims not having been preferred in time.
(*e*) Office Furniture ...	749	2	11				700	0	0	950	0	0	448	13	6	
(*f*) Contingent ...	1,086	7	9				1,000	0	0	1,100	0	0	1,087	7	9	
(*g*) Water-works Contingent ...	748	9	5				1,000	0	0	1,200	0	0	778	1	8	Do. do.
(*h*) Labor-Punkah ...	59	14	5				60	0	0	60	0	0	57	10	4	
(*i*) Clothing for Peons and Badges for Road Coolies ...	1,676	14	6				2,500	0	0	2,000	0	0	1,835	15	6	Decrease due to clothing to some of the overseers who were appointed on probation not having been supplied.
(*j*) Inspection of dangerous Buildings ...	25	9	11				100	0	0	50	0	0	8	0	6	
Total ...				14,091	9	9	12,360	0	0	14,260	0	0	12,789	5	7	
Total, Grant I ...				24,68,253	12	7	35,26,510	0	0	30,47,200	0	0	22,14,343	14	5	
GRANT II.—(*Education*)—																
1. Fixed and Results Grants ...				...	...	...	...	...	...	...	...	...	449	0	0	
2. Municipal Schools—																
(*a*) Establishment ...	3,287	5	2				6,440	0	0	3,300	0	0	2,711	11	3	
(*b*) Allowances ...	475	12	11				490	0	0	480	0	0	484	6	6	
(*c*) Other Expenses ...	4,638	2	8				6,480	0	0	4,350	0	0	349	15	7	Increase due to fuller equipment of the schools opened during the year which was not anticipated.
Total ...				8,401	4	9	15,410	0	0	8,130	0	0	3,546	1	4	
3. Miscellaneous—																
(*a*) Teachers' Training Grants ...	819	7	6				1,200	0	0	830	0	0	1,212	4	10	
(*b*) Contribution to Madras Teachers' guild ...	...	...	...				...	...	...	...	...	...	100	0	0	
Total...				819	7	6	1,200	0	0	830	0	0	1,312	4	10	
Total, Grant II ...				9,229	12	3	14,610	0	0	8,960	0	0	5,307	6	2	
GRANT III.—(*Sanitation and Medical Services*)—																
1. Hospitals and Dispensaries—																
i. Royapettah Hospital—																
(*a*) Establishment ...	10,328	8	5				11,080	0	0	10,390	0	0	7,175	7	11	
(*b*) Allowances ...	236	7	3				240	0	0	270	0	0	...	...	...	
(*c*) Medicines and supplies ...	33,024	2	1				13,450	0	0	35,000	0	0	18,650	8	5	Decrease due to claims not having been preferred and paid for in time.
(*d*) Diets of Patients ...	7,616	1	10				6,000	0	0	7,530	0	0	6,232	15	8	Increase due to greater number of patients admitted during the year.
ii. George Town Dispensary—																
(*a*) Establishment ...	4,517	6	9				4,760	0	0	4,630	0	0	4,245	13	3	Savings.
(*b*) Medicines and supplies ...	6,212	13	7				5,700	0	0	6,320	0	0	5,655	9	0	
iii. Baliah Naidu Dispensary—																
(*a*) Establishment ...	2,198	12	11				2,500	0	0	2,470	0	0	2,461	12	2	Increase due to payment of leave and travelling allowances to Sub-Assistant Surgeons.
(*b*) Allowances ...	11	12	0				...	...	...	...	...	...	...	...	...	
(*c*) Medicines and supplies ...	2,903	14	4				2,480	0	0	2,820	0	0	2,128	1	9	Increase due to larger purchase of European medicines.
iv. Chintadripet Dispensary—																
(*a*) Establishment ...	2,013	5	2				1,960	0	0	2,040	0	0	1,692	4	8	Savings.
(*b*) Medicines and supplies ...	1,286	1	1				1,880	0	0	1,880	0	0	1,467	1	9	
v. Raja Sir S. Ramasawmy Mudaliar Lying-in Hospital—																
(*a*) Establishment ...	3,079	11	3				2,330	0	0	3,080	0	0	2,385	6	4	Decrease due to claims not having been preferred and paid for in time.
(*b*) Medicines and supplies ...	3,953	9	8				2,630	0	0	4,390	0	0	2,582	2	11	
Total ..				77,685	10	4	55,010	0	0	80,820	0	0	54,677	3	10	
2. (*a*) Contribution to Provincial Funds—Hospitals ...	20,000	0	0				20,000	0	0	20,000	0	0	20,000	0	0	
	20,000	0	0				20,000	0	0	20,000	0	0	20,000	0	0	
				77,685	10	4	55,010	0	0	80,820	0	0	54,677	3	10	
Carried over ...				24,77,474	8	10	35,41,120	0	0	36,56,160	0	0	22,19,651	4	7	

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1912-13—(*Continued*).

Items.	Actuals, 1912-1913. Details of Minor Heads.	Actuals, 1912-1913. Totals of Major Heads.	Budget Estimate for 1912-1913.	Revised Estimate for 1912-1913.	Actuals, 1911-1912.	Explanation of variations between the Actuals and the Revised Estimate of 1912-1913.
1	2	3	4	5	6	7
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Brought forward ...		24,77,474 8 10	35,41,120 0 0	30,56,760 0 0	22,19,651 4 7	
GRANT III—(*Continued*)—		77,685 16 4	55,010 0 0	80,820 0 0	54,677 3 10	
2. Contributions—(*Concluded*). ...	20,000 0 0		20,000 0 0	20,000 0 0	20,000 0 0	
(*b*) Contribution for St. Thome Dispensary ...	1,100 0 0		1,100 0 0	1,100 0 0	1,100 0 0	
(*c*) Do. Convent Dispensary ...	240 0 0		240 0 0	240 0 0	240 0 0	
(*d*) Do. Victoria Caste and Gosha Hospital ...	1,000 0 0		1,000 0 0	1,000 0 0	1,000 0 0	
(*e*) Do. Sembium Dispensary ...	780 0 0		780 0 0	780 0 0	780 0 0	
(*f*) Do. Surgeon-General's establishment to consolidate indents	48 6 0		70 0 0	70 0 0	47 8 0	
(*g*) Do. Monegar Choultry and Native Infirmary ...	1,500 0 0		1,500 0 0	1,500 0 0	1,500 0 0	
(*h*) Do. Pasteur Institute of South India, Coonoor ...	250 0 0		250 0 0	250 0 0	250 0 0	
(*i*) Do. Kalyani Hospital ...	... ...		600 0 0	600 0 0	600 0 0	Claim not submitted within the year.
(*j*) Do. to Hospitals ...	... ...		600 0 0	600 0 0	600 0 0	Savings.
Total ...		24,918 6 0	26,140 0 0	26,140 0 0	26,117 8 0	
3. Vaccination—						
(*a*) Establishment ...	9,213 0 11		9,000 0 0	9,250 0 0	9,463 4 5	
Allowances ...	256 4 6		260 0 0	260 0 0	265 14 0	
(*b*) Contingencies ...	2,155 11 10		2,750 0 0	2,500 0 0	1,997 6 10	Do.
Total ...		11,625 0 9	12,010 0 0	12,010 0 0	11,726 9 3	
4. Registration of Births and Deaths—						
(*a*) Establishment ...	12,258 12 3		11,920 0 0	12,360 0 0	11,860 7 6	Do.
Allowances ...	240 0 0		240 0 0	240 0 0	240 0 0	
(*b*) Contingencies ...	1,542 7 1		1,600 0 0	1,400 0 0	1,488 3 1	Increase due to certain unforeseen miscellaneous charges.
Total ...		14,041 3 4	13,760 0 0	14,000 0 0	13,588 10 7	
5. Conservancy—						
(*a*) Establishment—General ...	52,674 4 0		52,100 0 0	53,550 0 0	50,779 12 9	
Allowances ...	1,794 5 1		2,550 0 0	1,900 0 0	1,786 11 10	Savings.
(*b*) Hire of Scavengers ...	37,734 0 11		45,900 0 0	40,500 0 0	38,275 11 0	
(*c*) Private Scavenging ...	2,131 4 0		3,060 0 0	2,360 0 0	1,818 1 5	
(*d*) Maintenance of Bullocks—						
Establishment ...	4,525 2 0		4,660 0 0	4,600 0 0	4,412 6 6	
Allowances ...	319 7 4		400 0 0	400 0 0	452 14 8	Do.
Labor, Fodder, contingencies, &c. ...	1,25,479 10 1		1,56,390 0 0	1,36,100 0 0	1,14,326 1 0	
(*e*) Incinerator—						
Establishment ...	978 3 2		1,030 0 0	1,039 0 0	1,009 2 2	Savings.
Labor ...	19,379 15 2		23,000 0 0	20,000 0 0	14,088 3 6	
(*f*) Night-soil Depots and Shoots—						
Establishment ...	1,481 10 0		1,640 0 0	1,610 0 0	1,469 1 5	Do.
Labor ...	10,592 4 1		15,350 0 0	12,900 0 0	12,436 14 6	
(*g*) Sanding Latrines ...	1,750 2 7		3,000 0 0	3,000 0 0	1,534 10 0	
(*h*) Maintenance of Grass Farm—						
Establishment ...	7,329 4 10		7,200 0 0	7,660 0 0	897 11 10	Do.
Labor ...	14,061 2 8		17,300 0 0	14,910 0 0	3,785 11 11	
(*i*) Rent of Lorry Stations and Cart Depots ...	300 0 0		316 0 0	310 0 0	1,608 2 0	
(*j*) Burial and Burning Grounds—Labor ...	2,481 6 5		3,060 0 0	2,500 0 0	1,108 3 0	
(*k*) Repair of Carts, Boats and Buckets ...	15,257 13 8		10,000 0 0	12,000 0 0	12,042 6 1	Increase due to larger number of carts repaired during the year.
(*l*) Contingent—General ...	3,194 3 11		11,000 0 0	4,000 0 0	3,478 12 10	Savings.
(*m*) Epidemic Charges—						
Establishment	36,431 9 10		3,180 0 0	40,350 0 0	40,618 4 2	Do.
Labor			37,540 0 0			
(*n*) Milk Depot—						
Contingencies, &c. ...	... ...		... ...	... ...	156 1 0	
(*o*) Improvement of Paracherries—						
Labor, &c. ...	... ...		... ...	... ...	... ...	
(*p*) Road Watering—						
Establishment ...	2,549 1 4		2,330 0 0	2,550 0 0	2,245 0 10	
Labor ...	20,381 10 3		25,050 0 0	23,350 0 0	16,549 15 10	Decrease due to claims not having been preferred and paid for in time.
(*q*) Tools and Plant ...	20,013 0 6		22,600 0 0	22,600 0 0	15,967 7 9	Savings.
Total ...		3,80,842 10 10	4,48,980 0 0	4,08,210 0 0	3,40,838 11 0	
6. Miscellaneous—						
(*a*) Stationery ...	1,831 9 9		1,800 0 0	1,800 0 0	1,933 9 11	
(*b*) Printing Charges ...	711 14 9		1,800 0 0	1,300 0 0	1,505 15 6	
(*c*) Advertising Charges ...	721 10 0		1,200 0 0	600 0 0	1,213 9 0	
(*d*) Law Charges and Stamp Duties ...	224 13 7		500 0 0	300 0 0	21 3 0	
(*e*) Office Furniture ...	249 6 6		300 0 0	300 0 0	411 9 4	
(*f*) Labor—Punkah ...	218 10 0		240 0 0	230 0 0	239 8 3	
(*g*) Clothing, Badges and Belts ...	1,314 9 8		1,800 0 0	1,400 0 0	1,352 9 8	
(*h*) Extra Staff ...	... ...		200 0 0	80 0 0	48 13 6	
Total ...		5,272 10 3	7,840 0 0	6,010 0 0	6,726 14 2	Do.
Total, Grant III ...		5,14,385 9 6	5,63,740 0 0	5,47,190 0 0	4,53,675 8 10	
GRANT IV.—(*Miscellaneous Municipal Purposes.*)						
1. Lighting—						
Establishment ...	1,322 1 0		1,440 0 0	1,340 0 0	1,411 4 9	
Allowance ...	134 13 5		120 0 0	130 0 0	117 9 4	
Labor ...	544 7 8		40 0 0	590 0 0	... ...	
Maintenance ...	76,528 3 5		75,000 0 0	76,000 0 0	76,166 13 8	Increase due to lighting additional electric lights not anticipated while framing the revised estimate.
Additional Lamps and Sundries ...	55,232 11 0		58,680 0 0	58,000 0 0	8,868 9 8	Decrease due to claims not having been preferred and paid for in time and to some of the charges, which should be debited to this head, having been debited to "Repairs to lamps and posts."
Repairs to Lamps and Posts ...	5,269 2 11		7,000 0 0	5,000 0 0	1,907 14 7	Increase due to certain charges relating to additional lamps &c., having been debited to this head.
Total ...		1,39,022 7 5	1,42,280 0 0	1,41,060 0 0	88,472 4 0	
Carried over ...		29,91,860 2 4	41,04,860 0 0	36,03,350 0 0	26,73,326 13 5	

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1912-13—(*Continued*).

Items.	Actuals, 1912-13. Details of Minor Heads.	Actuals, 1912-13. Totals of Major Heads.	Budget Estimate for 1912-13.	Revised Estimate for 1912-13.	Actuals, 1911-12.	Explanation of variations between the Actuals and the Revised Estimate of 1912-13.
1	2	3	4	5	6	7
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Brought forward ...		29,91,860 2 4	41,04,860 0 0	36,03,350 0 0	26,73,326 13 5	
GRANT IV.—(*Concluded*).		1,39,022 7 5	1,42,280 0 0	1,41,060 0 0	88,472 4 0	
2. Markets and Slaughter-houses—						
(*a*) Smithfield Market—						
Establishment ...	607 8 3		570 0 0	620 0 0	564 0 0	
Labor and Contingencies ...	525 4 0		500 0 0	540 0 0	367 10 0	
(*b*) Moore Market—						
Establishment ...	2,176 10 3		2,110 0 0	2,160 0 0	1,878 7 4	
Labor and Contingencies ...	8,080 11 2		7,650 0 0	7,650 0 0	4,921 0 11	Increase due to fixing and repairing electric lights in the Market.
(*c*) Slaughter-houses—						
Establishment ...	2,976 9 3		3,130 0 0	3,020 0 0	2,844 6 2	
Labor and Contingencies ...	7,020 11 7		9,920 0 0	6,500 0 0	5,838 8 3	Increase due to larger repairs to meat vans
Total ...		21,387 6 6	23,880 0 0	20,490 0 0	16,411 0 8	
3. Avenues—						
Establishment ...	297 0 0		290 0 0	300 0 0	156 0 0	
Allowance ...	110 0 0		120 0 0	110 0 0	60 0 0	
Labor ...	5,577 11 10		9,470 0 0	7,400 0 0	6,162 7 5	Decrease due to claims not having been preferred and paid for in time.
Tools and Plant ...	250 10 6		500 0 0	500 0 0	300 14 0	Savings.
Total ...		6,235 6 4	10,380 0 0	8,310 0 0	6,679 5 5	
4. Public Parks—						
(*a*) People's Park—						
Establishment ...	4,004 8 3		3,810 0 0	4,020 0 0	3,747 15 7	
Allowance ...	5 7 0		... ...	10 0 0	... ...	
Labor, &c. ...	19,471 4 7		20,900 0 0	21,670 0 0	18,174 7 11	Decrease due to claims not having been preferre.. in time and to savings.
Tools and Plant ...	57 12 2		50 0 0	50 0 0	239 6 5	
(*b*) Napier Park—						
Establishment ...	541 9 1		480 0 0	540 0 0	395 2 6	
Allowances ...	120 0 0		120 0 0	120 0 0	120 0 0	
Labor, &c. ...	636 10 3		640 0 0	640 0 0	615 15 10	
Tools and Plant ...	... ...		10 0 0	10 0 0	... ...	
(*c*) Robinson Park—						
Establishment ...	1,009 9 0		1,000 0 0	1,010 0 0	1,007 8 6	
Labor, &c. ...	7,799 12 3		1,830 0 0	8,500 0 0	3,840 15 11	Do.
Tools and Plant ...	1,305 2 4		30 0 0	1,300 0 0	30 6 9	
(*d*) Lozane Square—						
Allowances ...	60 0 0		60 0 0	60 0 0	60 0 0	
Labor, &c. ...	1,333 15 2		1,230 0 0	1,270 0 0	1,186 14 8	Increase due to additional fee paid for playing band.
Tools and Plant ...	... ...		10 0 0	10 0 0	... ...	
Total ...		36,345 10 1	33,170 0 0	39,210 0 0	29,418 13 2	
5. Survey of Land ...		8,114 1 2	5,920 0 0	9,000 0 0	5,344 12 3	Savings.
6. Fire—						
Establishment ...	5,770 2 9		5,700 0 0	5,740 0 0	4,469 13 3	
Labor, &c. ...	7,492 11 4		7,500 0 0	7,560 0 0	2,415 12 7	
Tools and Plant ...	18,439 10 10		2,500 0 0	19,700 0 0	1,418 10 11	Do.
Total ...		31,702 8 10	15,700 0 0	32,940 0 0	8,304 4 9	
7. Other Charges—						
(*a*) Esplanades ...	288 0 0		320 0 0	300 0 0	251 0 0	
(*b*) Quit-rent ...	4,929 0 10		460 0 0	5,000 0 0	2,369 14 4	
(*c*) Payment for Red Hills water ...	24,316 0 0		23,500 0 0	27,500 0 0	26,427 0 0	Decrease due to claims not having been preferred and paid for within the year.
(*d*) Rewards for destruction of Dogs and Venomous Snakes ...	4,211 1 9		4,600 0 0	4,300 0 0	3,591 5 10	
(*e*) Municipal Proceedings, &c., Charges—						
Stationery ...	935 10 [illegible]		550 0 0	900 0 0	549 13 5	Increase due to greater number of meetings held during the year.
Printing ...	4,761 2 1		3,540 0 0	4,500 0 0	3,533 9 1	
Advertising ...	1,380 1 0		1,200 0 0	1,260 0 0	1,169 10 0	
(*f*) Law Charges—						
Establishment ...	1,800 0 0		1,800 0 0	1,800 0 0	1,800 0 0	
Stamp, &c., Charges ...	143 12 0		100 0 0	500 0 0	200 0 0	Decrease due to claims not having been preferred and paid for within the year.
(*g*) Election Charges ...	1,109 9 0		1,300 0 0	1,000 0 0	932 14 8	The allotment proved insufficient.
(*h*) Tin Tickets ...	728 10 10		600 0 0	700 0 0	697 11 4	
(*i*) Tools and Plant ...	350 8 0		100 0 0	350 0 0	87 11 3	
(*j*) Contribution to Provincial Funds, General ...	50,000 0 0		50,000 0 0	50,000 0 0	50,000 0 0	
(*k*) Stores—						
Establishment ...	5,105 0 3		4,780 0 0	5,090 0 0	3,388 11 9	
Contingencies—						
Coolies for Stock-taking, Stationery, Clothing, &c	1,383 5 6		2,000 0 0	2,000 0 0	1,836 10 2	Savings.
(*l*) Workshops—						
Establishment ...	11,299 6 2		11,200 0 0	11,400 0 0	11,444 12 5	Do.
Allowances ...	133 0 0		... ...	150 0 0	... ...	
Labor and Contingent ...	13,992 0 3		9,750 0 0	10,400 0 0	... ...	Increase due to erroneous debit to this head of certain items of expenditure falling under Grant. I
(*m*) Insurance on Municipal Buildings ...	2,767 5 1		5,000 0 0	3,890 0 0	4,224 8 0	Savings.
(*n*) Public Ceremonies ...	145 0 0		... ...	2,150 0 0	8,095 5 0	Decrease due to provision for the opening of the new Corporation buildings not having been utilized.
(*o*) Motor Car—						
Establishment ...	856 14 7		840 0 0	850 0 0	836 1 10	
Maintenance ...	10,307 2 3		8,500 0 0	10,500 0 0	5,426 3 8	Savings.
(*p*) Office Tapal ...	2,108 10 2		1,990 0 0	2,120 0 0	1,758 6 7	
(*q*) Loss on Municipal Stores ...	712 1 4		... ...	710 0 0	... ...	
(*r*) Census ...	303 10 0		... ...	310 0 0	7,576 12 0	
(*s*) Contribution for St. Patrick's Orphanage, Adyar	... ...		... ...	... ...	1,000 0 0	
(*t*) Contribution for the treatment of patients at the Pasteur Institute, Coonoor ...	94 8 0		... ...	120 0 0	... ...	
(*u*) Contribution to the Madras Society for Protection of Children ...	... ...		... ...	... ...	250 0 0	
(*x*) Other Items ...	6,465 7 8		9,000 0 0	8,000 0 0	7,530 0 0	Do.
Total ...		1,50,715 14 5	1,41,230 0 0	1,55,770 0 0	1,42,035 1 4	
Total, GRANT IV...		3,93,554 6 9	3,72,560 0 0	4,05,780 0 0	2,96,668 10 0	
GRANT V.—(*Supervision and Management*)—						
1. (*a*) Salaries of Officers	33,644 3 6		31,180 0 0	33,650 0 0	34,995 14 10	
(*b*) Allowances	230 0 0		... ...	250 0 0	... ...	
Total ...		33,874 3 6	31,480 0 0	33,900 0 0	34,995 14 10	
2. Head Office						
(*a*) Establishment ...	18,395 9 5		15,150 0 0	18,500 0 0	15,512 9 1	Do.
Allowance ...	600 0 0		600 0 0	600 0 0	600 0 0	
(*b*) Stationery ...	801 4 7		550 0 0	800 0 0	550 10 9	
	19,796 14 0		16,300 0 0	19,900 0 0	16,663 3 10	
		33,874 3 6	31,480 0 0	33,900 0 0	34,995 14 10	
Carried over ...		33,85,414 9 1	44,77,420 0 0	40,10,130 0 0	29,69,995 7 5	

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1912-13—(*Continued*).

Items.	Actuals, 1912-13. Details of Minor Heads.			Actuals, 1912-13. Totals of Major Heads.			Budget Estimate for 1912-13			Revised Estimate for 1912-13.			Actuals, 1911-12.			Explanation of variations between the Actuals and the Revised Estimate of 1912-13.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...				33,85,414	9	1	44,77,420	0	0	40,10,130	0	0	29,69,995	7	5	
GRANT V.—(*Concluded*). ...				33,874	3	6	31,480	0	0	33,900	0	0	34,995	14	10	
2. Head Office—(*Concluded*). ...	19,796	14	0				16,300	0	0	19,900	0	0	15,663	3	10	
(*c*) Printing Charges ...	507	6	2				400	0	0	500	0	0	368	4	6	
(*d*) Advertising Charges ...	26	1	0				30	0	0	30	0	0	22	8	0	
(*e*) Office Furniture ...	210	7	7				300	0	0	300	0	0	218	5	8	
(*f*) Contingent ...	1,235	14	11				800	0	0	900	0	0	880	4	8	Increase due to supply of badges to lascars and to the purchase of 4 copies of the Law of Municipal Corporations in British India.
(*g*) Labor-Punkah ...	301	1	0				260	0	0	300	0	0	246	11	11	
(*h*) Clothing for Peons ...	352	2	9				190	0	0	360	0	0	136	7	2	
Total ...				22,459	15	5	18,280	0	0	22,290	0	0	18,565	13	9	
3. Assessment and Collection—																
(*a*) Establishment ...	71,127	4	0				67,910	0	0	72,700	0	0	66,926	7	2	
Allowances ...	3,171	12	11				3,090	0	0	3,210	0	0	2,593	7	9	
(*b*) Stationery ...	2,511	7	2				2,200	0	0	2,500	0	0	2,500	2	4	
(*c*) Printing Charges ...	4,128	9	11				4,000	0	0	4,600	0	0	3,843	13	0	
(*d*) Advertising Chargss ...	167	2	6				600	0	0	1,200	0	0	2,572	1	6	
(*e*) Law Charges and Stamp Duties ...	330	6	0				800	0	0	400	0	0	3,281	15	2	
(*f*) Office Furniture ...	418	15	6				300	0	0	400	0	0	300	8	0	
(*g*) Contingent ...	4,031	10	10				3,000	0	0	3,200	0	0	3,165	2	3	
(*h*) Labor-Punkah ...	153	9	1				550	0	0	450	0	0	153	5	0	
(*i*) Clothing for Inspectors and Peons ...	769	9	4				1,300	0	0	800	0	0	1,773	4	8	
(*j*) Extra Writers, Coolies and Carts ...	5,680	15	3				5,500	0	0	6,000	0	0	5,503	14	3	
(*k*) Commissioners' Fees ...	400	0	0				300	0	0	450	0	0	220	0	0	
(*l*) Numbering Doors ...	590	9	3				1,000	0	0	500	0	0	357	3	6	
Total ...				94,081	15	9	90,550	0	0	95,810	0	0	93,491	4	1	Savings.
Total, GRANT V ...				1,50,416	2	8	1,40,310	0	0	1,52,000	0	0	1,47,053	0	8	

Items.	Details of Minor Heads.	Totals of Major Heads.	Budget Estimate for 1912-13	Revised Estimate for 1912-13.	Actuals, 1911-12.
Sinking Fund—					
* W. W. Loan, 1869—73 14,30,000...	28,600 0 0		28,600 0 0	28,600 0 0	28,600 0 0
Water-supply Extension Loan, 1882 2,50,000...	4,944 15 11		... ...	5,050 0 0	4,640 0 0
G. T. Drainage Loan, 1882 1,00,000...	2,126 15 8		... ...	2,020 0 0	1,850 0 0
Do. do. 1883 3,00,000...	5,860 0 0		5,860 0 0	5,860 0 0	5,860 0 0
Do. do. 1885 { 18,000 / 2,82,000 }	5,720 0 0		5,790 0 0	5,720 0 0	5,720 0 0
Do. do. 1887 1,00,000...	820 0 0		820 0 0	820 0 0	820 0 0
Do. do. 1888 1,50,000...	1,200 0 0		1,200 0 0	1,200 0 0	1,200 0 0
Do. do. 1889 1,50,000...	1,200 0 0		1,200 0 0	1,200 0 0	1,200 0 0
Water works Loan, 1889 20,000...	170 0 0		170 0 0	170 0 0	170 0 0
G. T. Drainage Loan, 1890 50,000...	400 0 0		400 0 0	400 0 0	400 0 0
Water-works Loan, 1895-4 ,00,000...	3,050 0 0		3,050 0 0	3,050 0 0	3,050 0 0
Market Loan 1897 1,00,000...	750 0 0		750 0 0	750 0 0	750 0 0
Plague Loan, 1899 2,00,000...	1,520 0 0		1,520 0 0	1,520 0 0	1,520 0 0
Water-works Loan, 1899 50,000...	380 0 0		380 0 0	380 0 0	380 0 0
Drainage Loan, 1899 4,20,000...	3,190 0 0		3,190 0 0	3,190 0 0	3,190 0 0
Market Loan 1899 1,50,000...	1,140 0 0		1,140 0 0	1,140 0 0	1,140 0 0
Drainage Loan 1900 7,80,000...	5,930 0 0		5,930 0 0	5,930 0 1	5,930 0 0
Water-works Loan, 1900 1,50,000...	1,140 0 0		1,140 0 0	1,140 0 0	1,140 0 0
Plague Loan, 1900 1,00,000...	760 0 0		760 0 0	760 0 0	760 0 0
Sewer Loan, 1901-1902 1,20,000...	910 0 0		910 0 0	910 0 0	910 0 0
Drainage Loan, 1901-1902 2,00,000...	1 520 0 0		1,520 0 0	1,520 0 0	1,520 0 0
Do. 1903 5,00,000...	3,800 0 0		3,800 0 0	3,800 0 0	3,800 0 0
* Do. 1905 7,00,000...	15,723 9 7		15,720 0 0	15,720 0 0	15,113 0 6
Special Buildings Loan, 1907 1,00,000...	2,100 0 0		2,100 0 0	2,100 0 0	2,100 0 0
*Drainage Loan, 1908 4,00,000...	7,984 11 5		7,990 0 0	7,990 0 0	7,674 10 7
Special Buildings Loan, 1909 1,25,000...	8,920 0 0		8,920 0 0	8,920 0 0	8,920 0 0
Napier Bridge Loan, 1909 1,00,000...	2,100 0 0		2,100 0 0	2,100 0 0	2,100 0 0
*Drainage Loan, 1909 4,00,000...	7,674 10 7		7,680 0 0	7,680 0 0	7,376 10 3
Napier Bridge Loan, 1910-1911 50,000...	1,040 0 0		1,040 0 0	1,040 0 0	1,040 0 0
*Drainage Loan 1911 1,00,000...	1,771 8 8		1,770 0 0	1,770 0 0	... ...
Special Buildings Loan, 1911 3,00,000...	6,240 0 0		6,240 0 0	6,240 0 0	... ...
Total ...		1,28,686 7 10	1,21,620 0 0	1,28,690 0 0	1,18,874 5 4
Carried over...		36,64,517 3 7	47,39,350 0 0	42,90,820 0 0	32,35,922 13 5

* Loans taken from Government.

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1912–1913—(*Concluded*).

Items.	Actuals, 1912-13. Details of Minor Heads.			Actuals, 1912-13. Totals of Major Heads.			Budget Estimate for 1912-13.			Revised Estimate for 1912-1913.			Actuals, 1911-1912.			Explanation of variations between the Actuals and the Revised Estimate of 1912-13.
1	2			3			4			5			6			7
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	
Brought forward ...				36,64,517	3	7	47,39,350	0	0	42,90,820	0	0	32,35,922	13	5	
Interest—																
4% W. W. Loan, 1869-73 14,30,000 ...	57,200	0	0				57,200	0	0	57,200	0	0	57,200	0	0	
5% Water-supply Extension Loan, 1882 2,50,000 ...	...	...	...				...	...	...	...	...	...	12,500	0	0	
,, G. T. Drainage Loan, 1882 1,00,000 ...	12	8	0				...	...	...	10	0	0	4,987	8	0	
,, Do. do. 1883 3,00,000 ...	14,850	0	0				15,000	0	0	15,000	0	0	15,112	8	0	
,, Do. do. 1885 18,000	17,619	0	0				17,820	0	0	18,030	0	0	18,335	0	0	
6% Do. do. 1885 2,82,000 ...							6,000	0	0	6,000	0	0	6,000	0	0	
,, Do. do. 1887 1,00,000 ...	6,000	0	0				7,500	0	0	7,500	0	0	7,500	0	0	
5% Do. do. 1888 1,50,000 ...	7,500	0	0				7,500	0	0	7,500	0	0	11,250	0	0	
,, Do. do. 1889 1,50,000 ...	7,500	0	0				1,000	0	0	1,000	0	0	1,500	0	0	
,, W. W. Loan, 1889 20,000 ...	1,000	0	0				2,500	0	0	2,500	0	0	3,675	0	0	
,, G. T. Drainage Loan, 1890 50,000 ...	2,500	0	0				16,000	0	0	16,000	0	0	16,000	0	0	
4% W. W. Loan, 1895 4,00,000 ...	16,000	0	0				4,000	0	0	4,000	0	0	4,114	0	0	
,, Market Loan, 1897 1,00,000 ...	4,000	0	0				8,000	0	0	8,000	0	0	8,000	0	0	
,, Plague Loan, 1899 2,00,000 ...	8,000	0	0				2,000	0	0	2,000	0	0	2,000	0	0	
,, Water-works Loan, 1899 50,000 ...	2,000	0	0				16,800	0	0	16,800	0	0	16,800	0	0	
,, Drainage Loan 1899 4,20,000 ...	16,800	0	0				6,000	0	0	6,660	3	0	5,340	0	0	
,, Market Loan, 1899 1,50,000 ...	6,640	0	0				31,200	0	0	31,370	0	0	32,524	0	0	
,, Drainage Loan, 1900 7,80,000 ...	32,076	0	0				6,000	0	0	7,200	0	0	4,800	0	0	
,, Water-works Loan, 1900 1,50,000 ...	4,800	0	0				4,000	0	0	4,000	0	0	4,000	0	0	
,, Plague Loan, 1900 1,00,000 ...	4,000	0	0				4,800	0	0	5,700	0	0	4,640	0	0	
,, Sewer Loan, 1901-1902 1,20,000 ...	4,800	0	0				8,000	0	0	10,300	0	0	7,660	0	0	
,, Drainage Loan, 1901-1902 2,00,000 ...	7,020	0	0				20,000	0	0	20,020	0	0	20,000	0	0	
,, Do. 1903 5,00,000 ...	20,000	0	0				24,550	0	0	24,550	0	0	25,162	2	8	
,, Do. 1905 7,00,000 ...	24,551	2	7													
,, Special Buildings Loan, 1907 1,00,000 ...	4,340	0	0				4,000	0	0	4,650	0	0	3,784	0	0	
,, Drainage Loan, 1908 4,00,000 ...	15,035	4	7				15,030	0	0	15,030	0	0	15,315	5	5	
,, Special Buildings Loan, 1909 4,25,000 ...	16,526	0	0				17,000	0	0	17,010	0	0	17,480	0	0	
,, Napier Bridge Loan, 1909 1,00,000 ...	4,000	0	0				4,000	0	0	4,000	0	0	4,000	0	0	
,, Drainage Loan, 1909 4,00,000 ...	15,345	5	5				15,340	0	0	15,340	0	0	15,643	5	9	
,, Napier Bridge Loan, 1910-11 50,000 ...	1,700	0	0				2,000	0	0	3,000	0	0	1,000	0	0	
,, Drainage Loan, 1911 1,00,000 ...	4,190	10	10				3,980	0	0	4,190	0	0	...	...	...	
,, Special Buildings Loan, 1911 3,00,000 ...	12,000	0	0				12,000	0	0	12,000	0	0	...	...	...	
Total ...				3,38,006	6	5	3,39,220	0	0	3,46,560	0	0	5,46,352	13	10	Decrease due to claims not having been preferred and paid for within the year.
Advances Recoverable—																
i. Permanent ...	190	...	...				...	...	...	640	0	0	100	0	0	
ii. Others ...	14,141	5	1				5,000	0	0	3,000	0	0	7,051	4	9	
Total ...				14,331	5	1	5,000	0	0	3,640	0	0	7,151	4	9	
Refund of other than current collections ...				41,642	14	0	36,000	0	0	45,000	0	0	70,106	3	10	This is an uncertain item.
Discount ...				...	...	...	...	...	...	...	...	...	4,737	8	0	
Pensions and Gratuities—																
(*a*) Superior Grade ...	21,033	12	3				22,950	0	0	21,330	0	0	23,126	5	8	
(*b*) Inferior Grade ...	1,324	7	9				1,020	0	0	1,250	0	0	1,347	3	11	
Total ...				22,358	4	0	23,970	0	0	22,580	0	0	24,473	9	7	Savings.
Total Expenditure ...				40,80,856	1	1	51,43,540	0	0	47,08,600	0	0	36,88,744	5	5	
Closing Balance—																
General Fund ...	6,01,374	1	1				1,33,020	0	0	3,61,140	0	0	9,50,337	8	2	
Water and Drainage Fund ...	16,40,894	15	8				6,13,700	0	0	12,67,470	0	0	8,94,413	4	4	
Lighting Fund ...	...	...	...				...	...	...	...	...	...	1,699	0	8	
Total ...				22,42,269	0	9	7,46,720	0	0	16,28,610	0	0	18,46,449	13	2	
Grand Total ..				63,23,125	1	10	58,90,260	0	0	63,37,210	0	0	55,35,194	2	7	

N.B.—Sums aggregating Rs. 11,03,723-12-10 were transferred from the General Fund to the credit of the Water and Drainage Fund to close the latter account in pursuance of G.O. No. 519 M. Local and Municipal, dated 4th June 1887, up to 31st March 1913.

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1913 and forming the Opening Balances of 1913-1914.

	Rs. A. P.	Rs. A. P.	Rs. A. P.
List of Liabilities or Credit Balances transferred to the ensuing year—			
BALANCE OF LOANS—			
* Water-works Loan of 1869-73			14,30,000 0 0
G. T. Drainage Loan. 1883			3,00,000 0 0
Do 1885			3,00,000 0 0
Do 1887			1,00,000 0 0
Do 1888			1,50,000 0 0
Do 1889			1,50,000 0 0
Water-works Loan 1889			20,000 0 0
G. T. Drainage Loan 1890			50,000 0 0
Water-works Loan 1895			4,00,000 0 0
Market Loan 1897			1,00,000 0 0
Plague Loan 1899			2,00,000 0 0
Water-works Loan 1899			50,000 0 0
Drainage Loan 1899			4,20,000 0 0
Market Loan 1899			1,50,000 0 0
Drainage Loan 1900			7,80,000 0 0
Water-works 1900			1,50,000 0 0
Plague Loan 1900			1,00,000 0 0
Sewer Loan 1901-02			1,20,000 0 0
Drainage Loan 1901-02			2,00,000 0 0
Do 1903			5,00,000 0 0
* Do 1905			6,01,958 5 11
Special Buildings Loan 1907			1,00,000 0 0
*Drainage Loan 1908			3,69,873 12 5
* Do 1909			3,77,858 8 0
* Special Buildings Loan 1909			4,25,000 0 0
Napier Bridge Loan 1909			1,00,000 0 0
Do 1910-11			50,000 0 0
Special Buildings Loan 1910-11			3,00,000 0 0
*Water-supply and Drainage Loan 1910-11			98,228 7 4
Deposits to be adjusted			3,80,444 13 8
Unpaid Liabilities			2,40,020 0 0
List of Assets or Debit Balances transferred to the ensuing year—			
MUNICIPAL BALANCE—			
Revenue	5,95,958 11 5		
Loan	16,46,310 5 4	22,42,269 0 9	
DEPOSIT BALANCE—			
Cash	76,634 11 1		
Fixed Deposit	82,810 2 7		
Government Securities &c.	2,21,000 0 0	3,80,444 13 8	
SINKING FUND FOR THE LIQUIDATION OF			
*Water-works Loan of 1869-73	12,61,600 0 0		
George Town Drainage Loan of 1883	3,05,255 4 4		
Do Do " 1885	2,59,542 1 3		
Do Do " 1887	31,141 7 1		
Do Do " 1888	43,448 13 2		
Do Do " 1889	41,600 3 4		
Water-works " 1889	5,708 5 6		
Drainage " 1890	13,047 10 10		
Water-works " 1895	76,576 12 11		
Market " 1897	17,397 7 5		
Plague " 1899	27,893 10 9		
Water-works " 1899	6,943 8 1		
Drainage " 1899	57,785 11 8		
Market " 1899	20,657 2 8		
Drainage " 1900	98,355 8 9		
Water-works " 1900	13,875 9 11		
Plague " 1900	12,584 9 1		
Sewer " 1901—02	12,579 3 7		
Drainage " 1901—02	20,406 6 3		
Do " 1903	45,628 15 11		
Special Buildings " 1907	14,269 14 1		
Do " 1909	30,809 5 9		
Napier Bridge " 1909	7,252 6 2		
Do " 1910—11	2,159 5 6		
Special Buildings " 1911	6,361 0 1	24,37,880 8 1	
Carried over ...		50,60,594 6 6	87,13,383 15 4

* Loans from Government.

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1913 and forming the Opening Balances of 1913-1914—(*Continued*).

	Rs. A. P.	Rs. A. P.	Rs. A. P.
Brought forward...	...	50,60,594 6 6	87,13,383 15 4
VALUE OF PREMISES—			
Shed for the peons, &c., of the Hindu Burial Ground in Suriyanarayana Chetty Street ...	80 0 0		
Shed for the lascars of north main drain ...	470 0 0		
A Vaccination Depot (zinc shed) in Mannarswamy Covil Street ...	340 0 0		
Vaccination Depot in Thiruvathur High Road junction of Cumbalammen Coil Road near 4th mile stone ...	290 0 0		
Cattle shed in Robinson Park ...	2,970 0 0		
Old Milk Depot in Old Jail Street ...	2,470 0 0		
Teakwood house for fernery at Robinson Park ...	1,760 0 0		
Reservoir for water near Band Stand at Robinson Park ...	310 0 0		
Compound wall to Robinson Park ...	250 0 0		
Pumping Station and Drivers' quarters at Rayapuram ...	11,410 0 0		
Superintendent's Office at Robinson Park ...	5,950 0 0		
Corrugated zinc shed for the fire engine at Rayapuram Pumping Station ...	590 0 0		
Fire-engine shed close to the temple gate in Mannarsawmy Covil Street ...	230 0 0		
Georgetown Dispensary at Monegar Choultry ...	8,120 0 0		
Vaccination Shed in Monegar Choultry Road ...	1,900 0 0		
Tiled shed Toll Gate, Tiruvathur High Road ...	310 0 0		
Overseer's Office and Store room of II Division in Mint Street ...	3,000 0 0		
Sanitary Inspector and W. D. Overseer's Office, Ebramji Sahib Street ...	2,820 0 0		
Rajah Sir Ramaswamy Mudaliar Lying-in-Hospital ...	26,450 0 0		
Roller shed in II Division ...	980 0 0		
Contageous Wards attached to the Georgetown Dispensary.	5,850 0 0		
Model Paracherry, Cemetery Road ...	39,520 0 0		
Peon's quarters at Robinson Park ...	780 0 0		
Monegar Choultry Cart Depot Bullock sheds (5) ...	20,970 0 0		
Drivers' Lines in S. House Road ...	14,000 0 0		
Shed for Rubbish Depot Superintendent at Manali Bridge.	200 0 0		
Monegar Choultry Cart Depot ...	5,450 0 0		
Burial Ground Cart Depot ...	5,360 0 0		
Shelter shed at Washermanpet Burial and Burning Ground ...	270 0 0		
Mantapam at the Chetty's Burial and Burning Ground, Washermanpet ...	140 0 0		
Tiled shed for Brahmins in Do. ...	80 0 0		
Tiled shed Toll-Gate, old Ennur Road ...	340 0 0		
Shed at Toll-Gate No. 3 Manali ...	440 0 0		
Drivers' lines at Kathiwakam High Road ...	9,750 0 0		
Superintendent's Office, Korukupet Rubbish Depot ...	500 0 0		
Fire-engine shed, Jehanghir Street ...	1,300 0 0		
Overseer's Office and Store room, Fort Beach Road ...	1,560 0 0		
Municipal Office ...	39,000 0 0		
Municipal Office Stables ...	3,600 0 0		
A shed and Bathing Fountain, Thambu Chetti Street ...	1,320 0 0		
Building at the junction of Errabaulu Chetti Street and Broadway ...	7,900 0 0		
Model Mahomedan Hutting Ground ...	6,730 0 0		
Law College Pumping Station ...	17,460 0 0		
Model Paracherry Vasapmode old ...	30,000 0 0		
Do new ...	30,000 0 0		
Superintendent's Office and Bullock shed at Basin Bridge...	6,500 0 0		
Overseer's Office and Bathing Fountain at Govindappa Naick Street ...	1,700 0 0		
Storekeeper's Office, old Basin Road ...	200 0 0		
Municipal Stores and Workshops including additional buildings since erected ...	56,000 0 0		
Trevelyan Wharf ...	7,760 0 0		
Portion of Police Station in Wall Tax Road ...	350 0 0		
Superintendent's shed at the Wharf, Wall Tax Road ...	190 0 0		
Portion of Police Station in China Bazaar Road ...	1,180 0 0		
Municipal Cart-stand and Bathing Fountain, Elephant Gate Road. ...	7,070 0 0		
Bathing Fountain, Budriah Garden Street ...	1,560 0 0		
Bullock Slaughter-house, Gantz Road ...	27,640 0 0		
Cholera sheds in Perambore ...	1,000 0 0		
Supdt.'s quarters, Perambore Bullock Slaughter-house ...	3,510 0 0		
Pig Slaughter-house, DeMellows Road ...	220 0 0		
Overseer's Office and Stores, 10th Division ...	400 0 0		
Incinerator, Basin Esplanade Roads ...	98,840 0 0		
Shed for the Superintendent of the Incinerator, Basin Esplanade Road ...	270 0 0		
Carried over...	5,28,110 0 0	50,60,594 6 6	87,13,383 15 4

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1913 and forming the Opening Balances of 1913-1914—(*Continued*).

	RS. A. P.	RS. A. P.	RS. A. P.
Brought forward...		50,60,594 6 6	87,13,383 15 4
VALUE OF PREMISES—(*Continued*).	5,28,110 0 0		
Chief Superintendent's quarters, Slaughter House and Drivers' Lines, Hope Lodge ...	18,730 0 0		
Toll Station at the limit of Kankancherry Road, Veyasarpady and old Toll House No. 4 ...	1,180 0 0		
Toll House No. 5, Madavaram Road ...	400 0 0		
Toll House No. 6, Perambore Tank Road ...	190 0 0		
Do. 7, Connoor Road ...	400 0 0		
Pumping Station, De Mellow's Road ...	4,090 0 0		
Mantapam at De Mellow's Road Burial and Burning Ground ...	1,610 0 0		
Sheep Slaughter-house, Gantz Road ...	52,940 0 0		
Rat Station at Puliantope Road ...	600 0 0		
Pig Pen, De Mellow's Road, Burial and Burning Ground...	1,400 0 0		
Lethal Chamber at Basin Esplanade Road ...	800 0 0		
Chulai Cart Depot ...	9,040 0 0		
Smithfield Market ...	17,590 0 0		
Baliah Naidu Dispensary ...	8,560 0 0		
Vaccination Depot, Rutlet's Road ...	990 0 0		
Model School in Kalathiappa Mudaly Street ...	6,600 0 0		
Fire Engine Shed at Vepery Police Station ...	390 0 0		
Moore Market Evening Bazaar ...	50,000 0 0		
Overseer's Office and Store Gangathareswarer Covil Road.	1,330 0 0		
Moore Market ...	3,02,310 0 0		
People's Park Superintendent's house and Store-room ...	6,150 0 0		
Band Stand in People's Park ...	2,030 0 0		
Sergeant's Quarters, People's Park ...	2,770 0 0		
Menagerie shed, People's Park ...	10,000 0 0		
Shed in the Island for Swans and other birds in People's Park.	2,850 0 0		
Foliage Shed in People's Park ...	1,000 0 0		
Overseer's Office and Stores, Harris Road ...	1,200 0 0		
Vaccination Depot, Poonamallee Road ...	1,500 0 0		
Combined Incinerator and Pumping Shed at Egmore ...	7,480 0 0		
Compound wall, verandah, Lang's Garden Incinerator ...	1,170 0 0		
Cart Depot sheds (2) and H. D. Overseer's Office in Harris Road ...	12,000 0 0		
Steam Road Road Roller shed inside the compound wall of the Lang's Garden Pumping Station ...	950 0 0		
Rest-house in Otary Burial and Burning Ground ...	310 0 0		
Toll-Gate No. 8, Madavakam Tank Road ...	490 0 0		
Toll-Gate No. 9 in Kilpauk Garden Road ...	490 0 0		
Do. 10, Poonamalle Road, Chetput ...	490 0 0		
Do. 11 Harrington Road ...	170 0 0		
Do. in Subroya Gramany Street ...	350 0 0		
Sheds for tools and plants at the Otary Burial Ground ...	280 0 0		
Dhoby-Khana, McNicholas Road ...	26,090 0 0		
Day School at Chetput ...	2,000 0 0		
Rubbish Depot Shed in Brick Kiln Road ...	260 0 0		
Drivers' quarters, Kilpauk ...	7,440 0 0		
Vaccination Depot at the junction of Mount Road and White's Road ...	1,020 0 0		
Toll-Gate No. 12, Kocambakam Road ...	490 0 0		
Shed in the north of Sterling's Road, Nungambakum Burial Ground ...	530 0 0		
Tiled shed for Overseers' Office, 15th Division ...	530 0 0		
Old Police Station and Office of Registrar of births and deaths, Mount Road ...	840 0 0		
Shed for ambulance ...	380 0 0		
Napier Park Pumping Station ...	11,780 0 0		
Do. Superintendent's shed ...	1,070 0 0		
Do. Gatekeeper's lodge ...	490 0 0		
Engine House, for Napier Park Pumping Station ...	7,590 0 0		
Dispensary, Vaccination Depot and Sanitary Inspector's Office in Arunacheila Naick Street, Chintadripet ...	11,700 0 0		
Vaccination Depot at Pulibone Bazaar in Pycrofts Road ...	600 0 0		
Corrugated iron shed at Chetty's Garden for keeping the night soil buckets ...	140 0 0		
Overseer's Office and Stores, 17th Division ...	2,470 0 0		
Steam Road-Rollers shed, Westcott Road ...	700 0 0		
Overseer's Office, 18th Division, Pycrofts Road ...	2 000 0 0		
2 bathing fountains in Ice House Road ...	700 0 0		
Conservancy Overseer's Office in Chengalraya Mudaly St...	1,500 0 0		
Pumping Station in Ice House Road ...	9,260 0 0		
Isolation Hospital, Krishnampet ...	17,300 0 0		
Incinerator at Krishnampet ...	16,000 0 0		
Shed for the Superintendent of the Incinerator at Krishnampet	550 0 0		
Carried over...	11,76,310 0 0	50,60,594 6 6	87,13,383 15 4

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1913 and forming the Opening Balances of 1913-1914—(*Concluded*).

	RS. A. P.	RS. A. P.	RS. A. P.
Brought forward ...	11,76,310 0 0	50,60,594 6 6	87,13,383 15 4
VALUE OF PREMISES—(*Continued*).			
Overseer's Mustering Depot shed, Kristnampet ...	600 0 0		
Kristnampet Cart Depot ...	4,860 0 0		
Barber's Bridge cart Depot ...	4,140 0 0		
Model School, at Kristnampet, including compound wall ...	2,740 0 0		
Royapettah Hospital ...	2,00,000 0 0		
Wharf with Crane and Superintendant's shed, Venkata Runga Pillai Street ...	490 0 0		
Vaccination shed, Cutcheri Road ...	500 0 0		
Shed at Mylapore Hindu Burial and Burning Ground ...	130 0 0		
Fire-engine shed on the south side of the Police Station in Mount Road ...	490 0 0		
Model School in Naltu Subroya Mudaly Paracherri Street.	7,000 0 0		
Pumping Station, Mylapore ...	4,070 0 0		
Wharf with crane, etc., in Yellapatha Madah Church Street	420 0 0		
Two Tiled Sheds, Kristnampet Burial Ground ...	210 0 0		
Teynampet Manual Fire Engine Shed ...	480 0 0		
Lethal Chamber ...	2,300 0 0		
Peon's room for Kristnampet Burial Ground ...	400 0 0		
Toll-Gate in Mount Road ...	350 0 0		
Do Chamier's Road ...	110 0 0		
Do Adyar Bridge Road ...	300 0 0		
Overseer's Office and Store room, 20th Division ...	1,150 0 0		
Watchman room in Mahomedan Burial Ground ...	90 0 0		
Compound wall for Mahomedan Burial Ground in Yallapatha Madah Coil Road ...	750 0 0		
Licensing Station, Ennore ...	4,000 0 0		
Red Hills Bungalow ...	8,300 0 0		
Do Do Small ...	1,700 0 0		
No. 1 Cottage Delivery Channel ...	2,000 0 0		
2 Do do	1,900 0 0		
3 Do do	1,550 0 0		
4 Do do ...	1,900 0 0		
Tower at Red Hills, with Fittings (old) ...	10,000 0 0		
Do do (new) ...	50,000 0 0		
Assistant Conservator's Bungalow and out-houses at Red hills	1,330 0 0		
Cement shed ...	1,300 0 0		
Store shed ...	1,150 0 0		
Overseer's Office and Vaccination Depot in Tiruvattur High Road ...	4,000 0 0		
Tiled shed for 12 pairs of bullocks in H. bullock Depot, Slaughter House Road ...	1,750 0 0		
Tiled shed for 6 pairs of sick bullocks in H. bullock Depot, Slaughter House Road ...	1,650 0 0		
Tiled shed for sewage farm Overseer ...	450 0 0		
Gram shed at H. bullock Depot ...	1,000 0 0		
Do B. do ...	1,000 0 0		
Building Overseers Office, 8th and 9th Divisions ...	3,220 0 0		
Gram shed newly erected, 13th Division ...	1,000 0 0		
Model school, Poonamallee High Road ...	12,000 0 0		
Overseer's Store in Ormes Road ...	1,500 0 0		
Toll Gate No. 8 A in Subroya Chetty Street ...	380 0 0		
Public bathing fountain in Veeraragava Mudali Street ...	1,000 0 0		
Corrugated iron shed in Veeran Parcherry ...	200 0 0		
Model School, Vallabba Agraharam ...	12,000 0 0		
Gram shed at Kistnampet ...	1,000 0 0		
Value of Municipal Lands ...	5,02,650 0 0	15,35,630 0 0	
Do Tools and Plant ...	8,36,990 0 0		
Do Furniture ...	22,150 0 0		
Do Live Stock ...	96,080 0 0		
Value of Materials ...	3,31,430 0 0		
Arrears of Taxes &c. ...	83,918 14 7	18,73,248 14 7	
Advances Recoverable.			
Permanent ...	91,545 0 0		
Others ...	21,860 10 2	1,13,405 10 2	
Total ...	...	85,82,878 15 3	87,13,383 15 4

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I—*Public Works.*			
	I. NEW WORKS			
	(a) *Communications.*			
1	Constructing a masonry bridge of 4 spans of 6 feet each over the Ottery nullah connecting Subbaraya Chetti, 3rd Lane with Connoor Road, Perambur. ...	6,500	4,420	Bridge work completed. Metalling the road is in progress.
2	Acquisition of land for widening Vijia Vigneswarar Koil Street ...	1,140	1,135	Paid in full.
3	Extending towards the north the culvert at the eastern end of Chulay Bazaar Road and providing a cesspool in the main drain near the culvert ...	220	221	Do.
4	Constructing a 2′ culvert in lieu of 12″ culvert at the junction of Clement's Road and Letang's Road ...	160	161	Do.
5	Acquisition of land and buildings in R. S. No. 2896 of Triplicane for widening Mosque Street ...	1,000	954	Do.
6	Acquisition of land to connect Namasivaya Mudali Street with Pycroft's Road ...	3,300	3,294	Do.
7	Extending masonry storm water culvert from Mount Road along Peter's Road to Thayar Sahib Street ...	2,000	1,637	Work completed. Pending adjustment from Workshop and Stores
8	Extending two culverts in Luz Church Road near houses Nos. 16 and 17 ...	160	150	Paid in full.
9	Acquisition of land in R. S. Nos. 5635 and 1145 of George Town for building line in Papham's Broadway ...	5,500	492	Acquisition is under correspondence.
10	Acquisition of land in R.S. No. 512/1 of George Town for a street to the east of the proposed Park near Peddu Naick Street...	710	709	Paid in full.
11	Acquisition of land in R. S. No. 1657 of Mylapore measuring 980 sq. ft. to serve as approaches from the two side Streets ...	160	162	Do.
12	Acquisition of land for connecting Mangammal Street with Saint Xavier Street ...	170	...	Paid in full. Debit shown under 'New works, Miscellaneous.'
13	Acquisition of land in R.S. No. 1868 of Purasawalkam for a Street connecting Avadanam Paupier Road with Hospital plain.	570	571	Paid in full.
14	Additional amount of contribution for the erection of Napier bridge ...	230	228	Do.
15	Fixing new wire fences in place of existing wire fences along Moore Road ...	980	448	Work completed.
16	Erecting parapet wall along the Street side of the big open drain in Chetti's garden from Big Mosque compound wall to Muktarunisa Begam lane for protecting it to avoid accidents ...	340	342	Paid in full.
	Carried over ...	23,140	14,924	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year	Remarks.
		Rs.	Rs.	
	Brought forward ...	23,140	14,924	
	GRANT I			
	(I) NEW WORKS—(Contd.)			
	(a) *Communications*—(Concld.)			
17	Constructing a new bridge from Monkey's Island to the Menagerie enclosure on the east in People's Park. ...	4,000	3,855	Work completed.
18	Constructing a new road from Mount Road to South Beach Road. ...	40,440	7,183	
19	Acquisition of land in Mount Road near the Stable Company for the improvement of street alignment ...	18,680	18,674	Paid in full.
20	Petty Works ...	300	239	
	Total ...	86,560	44,875	
	(b) *Buildings.*			
1	Constructing a room in the Tondiarpet sewage farm for storing gram, tools etc. ...	500	443	Paid in full.
2	Constructing bullock sheds for 12 pairs and sick shed for 6 pairs in Monegar Choultry Cart Depôt ...	2,940	1,940	Work in progress.
3	Constructing a sick bullock shed at Basinbridge Cart Depot ...	1,700	...	Do.
5	Providing eave board for ridge ventilator to the existing drivers' line in Kathivakam High Road ...	270	267	Paid in full.
6	Constructing a platform for washing bullocks in Basin Cart Depot ...	190	154	Work completed.
7	Constructing Overseer's office and store at the junction of Thiruvathiyur High Road and Basin Bridge Road for the 2nd Division ...	3,280	2,141	Work in progress.
8	Raising the western compound wall of the latrine in Narayana Serang Garden Street.	200	200	Paid in full.
9	Constructing a masonry cistern for storing waste water of meter test at Workshop ...	130	131	Do.
10	Erecting a verandah in the rear of the Corporation Workshop ...	220	223	Do.
11	Constructing a distraint yard with corrugated iron roofing at the Trevelyan Basin ...	1,800	1,671	Do.
12	Constructing 4 bins without roof for storing wrought iron scrap and rubbish for Corporation stores ...	110	138	Do.
13	Constructing 5 godowns for the use of carpenter and blacksmith maistries for storing materials received from stores but not immediately used ...	900	793	Work completed.
14	Fixing angle iron with barbed wire fencing one foot over the wall of the Trevelyan Basin now used as stores ...	110	76	Do.
	Carried over ...	12,380	8,157	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works—*(contd.)*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	12,380	8,157	
	GRANT. I—*Public Works.*—(Contd.)			
	(1) NEW WORKS—(Contd.)			
	(*b*) *Buildings*—(Contd.)			
15	Constructing a tar godown 140′×16′ with common tiled roof and cement floor at the Corporation stores ...	1,480	1,448	Paid in full.
16	Constructing a tar godown 60′×16′ with corrugated iron sheets by raising the existing masonry wall by 1½′ and with cement floor sloped to the drain with a pit, at the Corporation stores ...	860	865	Do.
17	Constructing office and stores of the 8th Division Overseer at the junction of Wall Tax Road with Thirupalli Street ...	3430	3,220	Do.
18	Extending a room for sheltering dogs to the existing lethal chamber in DeMellow's Road ...	520	496	Do.
19	Constructing Office of the Superintendent "D" Depot, Chulai ...	1,000	631	Work in progress.
20	Acquisition of land and construction of a sanded latrine for the people in Chuckli-palayam ...	3,250	1,396	Work completed. Decrease is due to the alteration of the latrine into a sanded one instead of a flush out one.
21	Constructing flushing pipes for outside drains near Moore Market ...	200	113	Work completed.
22	Constructing the Corporation Office Buildings including staff ...	2,80,800	1,17,481	Work in progress.
23	Constructing 4 Restaurants over the existing Evening Bazaar buildings near Moore Market ...	35,000	2,297	Do
26	Constructing a screen wall in front of the Sergeant's quarters in People's Park ...	390	320	Paid in full.
27	Constructing houses for the people to be evicted from Nariangadu Parachery ...	20,730	12	Work in progress.
28	Building model cottages for poor Anglo-Indians in Pudupet ...			
29	Acquisition of land for widening the road and construction of a central fire station in Pudupet ...	15,230	...	Land under acquisition.
30	Constructing an Isolation Hospital including land ...	9,800	...	Do.
31	Constructing a masonry latrine of 16 seats each for males and females at the north-east portion of Ubrapalayam ...	1,460	753	Work in progress.
32	Extending the washing platform, etc., in the Dhoby Khana, McNicholl's Road ...	770	678	Paid in full.
33	Acquisition of land in R.S. No. 44 of Nungambakam near Mr. Justice Abdur Rahim's Bungalow for reclamation and construction of model dwellings ...	2,680	2,685	Do.
	Carried over ...	3,89,970	1,40,552	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works—*(contd.)*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	3,89,970	1,40,552	
	GRANT.—*Public Works.*—(Contd.)			
	1. NEW WORKS—(Contd.)			
	(*b*) *Buildings*—(Contd.)			
34	Royapettah Hospital. (*a*) Acquisition of land and superstructure for quarters for nurses and Sub-Assistant Surgeons ...	4,600	2,755	Paid in full.
35	(*b*) Quarters for 6 Indian Nurses ...	18,300	9,484	Work in progress.
36	(*c*) Quarters for two Sub-Asst. Surgeons ...	10,600	...	Work not commenced pending acquisition of land.
37	Erecting a compound wall along the sides of the New Seaway Road for the Krishnampet Burial Ground ...	800	800	Paid in full.
38	Constructing 6 grain sheds for cattle depots at Rs. 1,000 each ...	6,000	1,883	Works in progress.
39	Acquisition of 4 sites for model schools and construction of 4 buildings (including extra staff for the work) ...	57,540	16,149	Do.
40	Construction of small incinerators.	1,000	1,070	Work completed
42	Installation of electric lights in Raja Sir Ramasamy Mudaliar's Maternity Hospital	3,500	...	Work in progress.
43	Erecting fence and weigh bridge in Monegar Choultry Road ...	1,400	1,219	Work completed.
44	Constructing Victor Ward corridor and latrine in Lying-in Hospital ...	3,380	3,326	Paid in full.
45	Demolishing the Monegar Choultry Sheep Slaughter House and constructing quarters for drivers and laying 6″ stoneware pipes to connect Oddan Parachery drain.	400	328	Do.
46	Constructing a tiled shed of 12 stalls with 1 granite curbs for Bullocks in Basin Cart Depot ...	2,050	2,045	Do.
47	Putting up iron mangers with 1½″ galvanized pipes and rail verticals in Basin Cart Depot for the new shed ...	140	91	Do.
48	Constructing Vasapmode Parachery.	7,060	6,847	Do.
49	Erecting shops for meter repairers, tinkers and painters at the Corporation Workshop.	520	...	Do Savings
50	Constructing Steam Road Roller Shed in Workshop north of grain depot ...	1,250	938	Work completed.
51	Constructing Record room, tiffin room, and gate-keeper's room at the Corporation Workshop ...	400	620	Paid in full. The amount of the estimate for this work is Rs. 1,750. But the value of the work turned out is Rs. 1,820. The excess is within 5% of the sanctioned estimate.
52	Constructing a store room and time-keeper's room at the Corporation Workshop ...	230	188	Work completed.
	Carried over ...	5,08,480	1,91,361	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	5,08,480	1,91,364	
	GRANT I—*Public Works*—(Contd.)			
	1. NEW WORKS—(Contd.)			
	(*b*) *Buildings*—(Contd.)			
53	Constructing 5 godowns for storing bituminous coal and coke at the Corporation Workshop ...	50	35	Paid in full.
54	Constructing corrugated iron roofing for the place where offal is cleaned in Sheep Slaughter House ...	2,490	...	Do. Savings.
55	Constructing Steam Road Roller Shed in DeMellow's Road Pumping Station ...	1,910	1,397	Work completed.
56	Constructing a corrugated iron shed at Basin Road Incinerator ...	670	558	Paid in full.
57	Constructing 5 pork tables for Moore Market.	200	...	Do. Savings.
58	Constructing a subsidiary market in the new Evening Bazaar Moore Market ...	10,130	10,152	Paid in full
59	Constructing Vepery Pumping Station ...	230	36	Work completed.
60	Constructing a verandah in the inner quadrangle, Moore Market ...	9,840	9,834	Paid in full.
61	Manufacturing 5 new tables and supplying the top planks for 18 old tables for Moore Market ...	400	311	Work completed.
62	Constructing a compound wall for the vaccination depot in Poonamallee High Road.	500	500	Paid in full.
63	Constructing a Steam Road Roller shed in Brick Kiln Road rubbish depot ...	1,730	1,151	Work completed.
64	Fixing weigh bridge for the roller shed at Langs Garden ...	750	67	Do.
65	Constructing the new Royapettah Hospital.	61,240	57,320	Do.
66	Further improvements to the Royapettah Hospital—			
	(*a*) Constructing 2 septic wards of 6 beds each ...	2,060	1,410	Paid in full.
	(*b*) Additions and improvements to the out-patient's dispensary	4,400	2,876	Do.
67	Constructing a water trough for the Krishnampet cart depot ...	480	...	Work completed. Savings.
68	Aquisition of land behind Ice House Road Pumping Station and constructing a pail depot ...	2,400	127	Work completed.
69	Connecting 3" C. I. pipe for conveying sewage from 24" C. I. sewage main to night-soil depot at Ice-House Road ...	750	553	Work completed.
70	Erecting a fencing at the vaccination depot in Cutchery Road ...	150	145	Paid in full.
	Carried over ...	6,08,860	2,77,816	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Contd.*)

	Particulars.	Revised Estimate grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	6,08,660	2,77,816	
	GRANT I—*Public Works*—(Contd.)			
	1. NEW WORKS—(Contd.)			
	(*b*) *Buildings*—(Concld.)			
71	Constructing Steam Road Roller Shed in Mylapore Pumping Station ...	1,760	1,189	Work completed.
72	Construction of small combined urinals and latrines ...	5,700	2,628	Works in progress.
73	Construction of 3 model schools including site	41,290	30,456	Two schools were completed and paid for and the third is in progress.
74	Constructing a model school in Sanjeevirayanpet including acquisition of site ...	15,070	2,236	Land acquired.
75	Petty Works ...	800	269	
	Total ...	6,73,500	3,14,594	
	(*c*) *Drainage—Special.*			
	Drainage—Construction.			
	Madras Main Drainage.			
1	Law College and Rayapuram Pumping Stations:—			
	Buildings ...	11,000	Cr. 431	Completed.
	Machinery ...	50,000	16,256	Do.
	Alterations to sewers and pumping main ...	1,000	874	
2	Laying 16 inch cast iron main pipe from Law College Pumping Station to Royapuram Pumping Station ...	1,000	...	Completed
3	Open channel at Grass Farm, New Road, Bridges, Sluices, &c. ...	10,000	9,270	Do
4	Raising existing 26 inch Cast Iron pipes at Grass Farm and relaying with new pipes as a raising main from Rayapuram Pumping Station to the head of 4 feet 6 inch sewer...	22,000	22,646	Do.
5	Circular Brick Sewer 4 feet 6 inch and 5 feet 6 inch diameter in Sooriyanarayana Chetty Street ...	40,000	26,948	In progress.
6	Grass Farm Pumping Station Buildings Sewers, Overflows &c. ...	15,000	4,989	In progress.
	Machinery ...			
7	Laying 36 inch brick gravitation main to Grass Farm Station ...	...	...	This work has been deferred pending completion of general scheme.
8	Irrigation work at Grass Farm ...	1,000	1,136	Completed.
	Carried over...	1,51,000	1,11,688	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Contd.*)

No.	Particulars.	Revised Estimate grant.	Expenditure during the year.	Remarks
		Rs.	Rs.	
	Brought forward...	1,51,000	1,11,688	
	GRANT I.—*Public Works*—(Contd.)			
	I. NEW WORKS—(Contd.)			
	(c) *Drainage, Special*—(Contd.)			
	Tondiarpet Drainage			
9	Stoneware pipe Sewers ...	1,50,000	101,788	In progress.
10	Cast iron pipe sewers ...	7,000	4,369	Do.
11	Brick Sewers ...	5,200	4,114	Completed.
12	Manholes ...	10,000	84,530	In progress.
13	General, *i. e.*, ventilating columns, timber left in trenches, flushing chambers and restoring road surfaces, &c. ...	10,000	10,507	Contract let for ventilating columns &c. Restoration work of road surfaces is in progress.
14	House connection Sewers ...	40,000	38,321	In progress.
15	Overflows (A, B. & C.) ...	1,000	145	Work in progress.
16	Pumping Stations including machinery &c.—			
	A. ...			
	B. ...	80,000	87,361	Work in progress.
	C. ...			
17	Acquisition of Land ...	...	4	Do.
18	Contingencies ...	5,000	46	
	Miscellaneous Work.			
19	Constructing flushout latrine for Engine Drivers &c. at Law College Pumping Station.	1,300	522	Completed.
20	Laying sewers as may be required.	8,000	18	
21	Fixing venturi meters for the Pumping Stations.	1,800	1,878	Completed.
22	Raising manholes and fitting covers.	1,000	2	
23	Extending engine house at DeMellow's Road Pumping Station including machinery.	8,000	251	In progress.
24	Sewage level and pump pressure recorders.	400		Completed.
25	Alterations to existing pumping stations mains, silt pits, and screening chambers.	6,000	5,979	
26	Petty Works.	3,000	2,970	
27	Constructing store shed for the use of Drainage Stores at Napier Park.	2,700	483	Completed.
	General Scheme.			
28	Sinking trial holes in different parts of the city, &c.	3,000	2,224	Completed.
29	Removing the existing defective concrete pipes of the collapsed sewer in Waller's Road and for replacing them by stoneware pipes in accordance with the proposed new general scheme.	7,000	1,592	In progress.
	Carried over ...	5,31,490	4,08,732	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Contd.*)

No.	Particulars.	Revised Estimate grant.	Expenditure during the year.	REMARKS.
		Rs.	Rs.	
	Brought forward ...	5,31,490	4,08,732	
	GRANT I.—*Public Works*—(Contd.)			
	I. NEW WORKS—(Contd.)			
	(c) *Drainage, Special*—(Concld.)			
	Other Items.			
30	Supplies and services (Home Charges)	10,000	3,039	
31	Miscellaneous.	15,000	17,011	
32	Stores.	30,000	28,086	
33	Latrine at Special Engineer's Office.	...	130	
		6,36,490	5,27,578	
	Realization by sales of stores.	Cr.1,50,000	1,20,073	
	Total ...	4,86,490	4,07,505	
	(c) *Drainage, Ordinary.*			
1	Construction of side drains ...			
(a)	Constructing 6″ side drain in the New Street, back of western row of houses in Muthukrishnan Street to divert house drains into it and connecting it with the main drain in Pedhu Naik Street ...	350	...	Work not commenced.
(b)	Constructing 12″ and 4″ side drains on the south and north sides of Muthu Mudali Street, Vyasarpadi ...	2,350	...	Work in progress.
(c)	Constructing 6″ side drains on both sides of Menaud's Lane, Purasawalkam ...	1,050	776	Paid in full.
(d)	Constructing 4″ side drains in Grama Parachery, Purasawalkam ...	750	615	Do.
(e)	Constructing 1½ feet drain on both sides of Candappa Mudali High Road from Purasawalkam High Road to Vadamalai Pillai Street ...	7,200	4,757	Work in progress.
(f)	Constructing 6″ side drains on both sides of Venkatesa Naick Street from Muku Chetti Street to Paddy Fields Street junction, Kosapet ...	2,200	1,742	Work completed
(g)	Constructing 6″ side drains on both sides of Venkitheertha Vinayagar Koil Street, Kosapet ...	1,920	1,619	Paid in full.
(h)	Constructing 3″ side drain in Pudu Street, Kosapet ...	860	852	Do.
(i)	Constructing 6″ side drains in Periathambi Mudali Street, Chalai ...	1,350	926	Do.
(j)	Constructing 5″ drains on both sides of Chinnathamby Naick Street from Muku Chetty Street to Paddy Fields Street Junction, Kosapet ...	1,500	1,477	Paid in full.
(k)	Constructing side drains on both sides of Venkatadri Naick Street from Muku	...	...	
	Carried over ...	19,560	12,764	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Contd.*)

No.	Particulars.	Revised Estimate grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	19,560	12,764	
	GRANT I.—*Public Works*—(Contd.)			
	1. NEW WORKS—(Contd.)			
	(c) *Drainage, Ordinary*—(Contd.)			
	Chetti Street to Paddy Fields Street Junction ...	1,300	1,766	Work completed.
(l)	Constructing 6″ side drains on both sides of Kandaswami Covil Street from Muku Chetti Street to Paddy Field Street Junction ...	2,300	1,802	Do.
(m)	Constructing 6″ masonry drain in place of existing tiled one in Mahomed Hussain Sahib Street ...	370	367	Paid in full.
(n)	Constructing drain in Syed Abdulla Sahib Street from Raja Hyder Street to Bo-Begum Street ...	500	395	Do.
(o)	Constructing 6″ curbed Street drain in Syed Noor Street from Raja Hyder Street to Bo-Begum Street ...	500	455	Do.
(p)	Constructing 6″ curbed Street drain in Abdul Khader Street from Raja Hyder Street to Bo-Begum Street ...	500	436	Do.
(q)	Constructing 6″ curbed Street drain in Bo-Begum Street from Raja Hyder Street to Bo-Begum Street ...	500	428	Do.
(r)	Constructing 9″ curbed street drain in Marool Sahib Street from Thayar Sahib Street to Bo-Begum Street ...	800	744	Do.
(s)	Extending the storm water drain in Chitrakulam East Ward Street from East Mada Street to one tap fountain in Mylapore ...	440	440	Do.
(t)	Extending the side drain in Maddala Narayanan Street from premises No. 42 to the Junction of North Mada Street ...	230	132	Work in progress.
2	Substituting C. I. pipes for masonry drains etc. (Petty Works) ...	1000	846	
(a)	Substituting 12″ pipes for the cross drain in the street from Padavattammen Coil Street to Basin Bridge Road ...	230	...	Work not likely to be done.
(b)	Substituting 12″ C. I pipes for the masonry portion of 18″ drain in Peddu Naick Street where it turns to New Street near Oil press buildings ...	110	106	Paid in full.
(c)	Substituting 9″ C. I. pipe in lieu of masonry cross slab drain in Prasanna Vinayagar Coil Street, Colandavelu Street, Venkatachellam Street and Chellappa Mudali Street ...	440	462	Paid in full.
(d)	Laying an overflow 6″ C. I. pipe from the manhole in South Cooum Road near Government transport lines to Cooum	110	105	Do.
	Carried over ...	29,390	21,249	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	29,390	21,249	
	GRANT I—*Public Works*—(Contd.)			
	1. NEW WORKS—(Contd.)			
	(c) *Drainage, Ordinary*—(Concld.)			
(e)	Laying a pipe culvert at the junction of Edward Elliot Road and Sullivan Road.	180	188	Paid in full.
(f)	Laying 12″ C. I. pipe in place of broken culvert in Edward Elliot Road ...	340	366	Do.
(g)	Excavating and laying 12″ C. I. pipe for a length of 54 feet across Harrington Road to let out storm water in Cooum River ...	240	221	Do.
3	Constructing an arched drain culvert in Mount Road ...	4,200	3,809	Work completed but not adjusted.
4	Manufacturing a shutter for the outlet at North Beach Road ...	380	260	Do.
5	Constructing new Sea outfall and covering the drain for stopping Kelly's drain nuisance ...	3,680	...	Do.
6	Raising the side walls of the valve house near Basin Bridge ...	120	...	Paid in full. Debited under petty works by the Special Works Department.
7	Constructing a 6″ curbed drain 330′ for a portion of New Street from Iyah Pillai Street to Thandavaroya Mudali Street ...	240	236	Paid in full.
8	Petty Works ...	2,700	861	
	Total ...	41,470	27,190	
	(d) *Water supply, Special.*			
	New Water-Supply—Main Works.			
1	Valve house completing Outlet Tower at Red Hills.	...	25	Contract let.
2	Settling Basin.	10,000	10,517	Work in progress.
3	Conduit 7 miles long from settling basin to filter beds.	1,50,000	1,52,963	Do.
4	Filter beds.	80,000	95,474	Do.
5	Filtered water reservoir.	50,000	35,929	Do.
6	Engine and Boiler House and Engine foundation pump well and chimneys.	40,000	38,469	Do.
7	Engines, pumps and boilers.	2,50,000	2,22,952	Do.
8	Elevated tank.	20,000	25,172	Contract let; Work in hand.
9	Pumping main.	20,000	15,078	Work in progress.
10	Land fencing round filter beds, &c	1,000	Cr. 140	
	Distribution Works.			
11	Pipes, Specials, valves, meters laid complete including labour and materials.	3,000	1,431	
	Carried over ...	24,000	5,97,870	

APPENDIX I.

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works.—*(Contd.)*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	6,24,000	5,97,870	
	GRANT I.—*Public Works*—(Contd.)			
	I. NEW WORKS—(Contd.)			
	(d) *Water-supply, Special.*			
	New Water-supply—Main Works.			
12	Connections to existing and new system at Kilpauk shaft	...	...	
13	Contingencies.	1,000	293	
	Other Items.			
14	Supplies and services (Home Charges.)	15,000	3,976	
15	Miscellaneous, such as tools and plant, &c.	15,000	12,091	
16	Stores suspense account.	1,50,000	1,59,967	
		8,05,000	7,74,197	
	Realization by sale of stores.	Cr 1,50,000	1,54,279	
	Total ...	6,55,000	6,19,918	
	(d) *Water Supply, Ordinary.*			
1	Purchasing and fixing meters.			
(a)	Fixing 2″ meter to Messrs. McDowell & Co's premises ...	30	134	Paid in full.
(b)	Fixing 2″ meter to Messrs. McDowell & Co.'s premises, Moore Street ...	140	...	Meter not received.
(c)	Substituting a new 4″ meter in place of an old one in the Penitentiary ...	250	241	Paid in full.
(d)	Substituting a new 2½″ meter in place of the old one at the Government Ophthalmic Hospital ...	150	148	Do
(e)	Substituting a new 2½″ meter in place of the old one at the South Indian Railway, Egmore ...	150	147	Paid in full.
(f)	Fixing 2″ meter to premises No. 36, Mount Road ...	150	17	Meter not received.
(g)	Fixing 3″ meter at Lady Wenlock Park	390	357	Work completed.
(h)	Fixing 1¼″ meter for the hotel "Lashmi Vilas" in Singarachary Street ...	180	...	Meter not received.
(i)	Fixing two 1¼″ meters one at the hotel in Nallathamby Mudaly Street and the other in Tholasinga Perumal Koil Street.	380	1	Do.
(j)	Substituting a new 3″ meter in place of the old one at Madras Club ..	210	176	Work completed.
(k)	Fixing a meter to General Post Office in Jehangir Street ...	130	136	Paid in full.
(l)	Fixing a meter to the service connection to the cart stand in Mint Street ...	80	...	Do.
	Carried over ...	2,340	1,357	

APPENDIX I.

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works.—*(Contd.)*

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward...	2,340	1,357	
	GRANT I.—*Public Works*—(Contd.)			
	I. NEW WORKS—(Contd.)			
	(d) *Water Supply Ordinary*—(Contd.)			
(m)	Fixing a 4″ meter to Mr. Numberumall Chetty's House, Harrington Road ...	40	...	Paid in full, Savings.
(n)	Fixing a meter in Meeran Sahib Street.	80	...	Do.
(o)	Fixing a meter to Newington Teynampet.	120	120	Paid in full.
(p)	Petty Works ...	1,350	1,350	
2	Purchasing and fixing Hydrants.			
(a)	Fixing two common hydrants in Ebramjee Sahib Street ...	120	126	Paid in full.
(b)	Fixing 3 new fire hydrants in Bells Road at different places ...	140	126	Do.
(c)	Petty Works ...	300	121	
3	Improvement of Water-supply.			
(a)	Cleaning pipes in Pedariar Coil Street ...	170	111	Paid in full.
(b)	Cleaning pipes in Acharappan Street ...	200	177	Do.
(c)	Cleaning pipes in Parish Venkatachella Iyer Street ...	10	7	Do.
(d)	Extending main in Peddu Naick Street	10	3	Do.
(e)	Cleaning pipes in Ayalur Muthia Mudaly Street ...	30	12	Do.
(f)	Cleaning pipes in Avadi Srinivasa Iyer Street ...	50	43	Do.
(g)	Cleaning pipes in Sattanna Naick Street ...	60	57	Do.
(h)	Cleaning pipes in Anantha Krishna Iyer Street ...	70	68	Paid in full.
(i)	Cleaning pipes in Thotticalai Komarappa Mudali Street ...	70	66	Do.
(j)	Laying pipes in Cundappa Mudaly Street	60	59	Do.
(k)	Pumping scheme for Mylapore ...	3,730	2,131	Work completed.
(l)	Laying, jointing 500 feet of 4″ pipes and 250 ft. of 2″ pipes old from No. 36, Strahan's Road and connecting the same with 4″ main in Angalammen Coil Street.	200	128	Do.
(m)	Excavating, removing, cleaning, tarring and relaying 3400 feet of C I. pipes, 3″, 2½″ and 2″ in Venkatachella Mudali Street, Mirsaibpet, from Jani Jan Khan Road to Edward Elliot Road ...	720	547	Do.
	Carried over ...	9,870	6,609	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part I.—New Works—(*Concluded.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	9,870	6,609	
	GRANT I.—*Public Works*—(Contd.)			
	I. NEW WORKS.—(Concld.)			
	(*d*) *Water Supply, Ordinary*—(Concld.)			
(*n*)	Cleaning 5" and 4" pipes C. I. in Greenway Road, from Brodie Road to San Thome High Road to a distance of 2500 feet.	540	423	Work completed.
4	Petty works ...	2,500	1,751	
	Total ...	12,910	8,783	
	(*e*) *Miscellaneous.*			
I	Acquisition of lands for opening out streets and relief of congestion ...	...	950	
1	Acquisition of land for opening out streets in Rope Godown Parachery.	44,800	42,421	Paid in full.
2	Opening a road to connect Shanmugaroyan Street with Arni Gongan Street ...	900	822	Do.
3	Acquisition of land for connecting Mannappa Mudali Street with Muthia Mudali Street...	1,320	1,316	Do.
4	Acquisition of land for opening a road east of Grama Parcherry in Purasawalkam off Brick Kiln Road ...	180	176	Do.
5	Acquisition of land for connecting Saravana Perumal Mudali Street with Ramasami Pillai Street ...	950	950	Do.
6	Acquisition of land for widening Singanna Chetti Street	13,350	18,113	Do.
7	Acquisition of land for widening Shaik Dawood Street, Triplicane	11,510	9,995	Do.
8	Acquisition of land in R. S. No. 789 of Mylapore for reclamation ...	2,480	...	Land not acquired as yet.
9	Filling in the low grounds at Ennur near the Licensing clerk's quarters ...	250	189	Paid in full.
10	Dismantling two burden rests and re-constructing the same at the 4th mile in Tiruvottiyur High Road ...	170	142	Do.
11	Levelling the acquired portion of Athipattan Street ...	100	77	Do.
12	Contructing a masonry. platform for the Band Stand in Loane Square ...	150	...	Work in progress.
13	Pay of Special Deputy Collector and his staff.	2,500	2,517	Paid in full.
14	Fencing the Tondiarpet Grass farm ...	12,550	6,250	Work in progress.
15	Petty works ...	560	229	
	Total ...	91,770	79,147	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part II.—Repairs.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I.—*Public Works*—(Contd.)			
	II. REPAIRS.			
	(*a*) *Communications.*			
1	Reform by contract ...	2,70,000	2,90,442	
2	Labour for rolling ...	7,500	6,181	
3	Fuel oil, etc., for Steam Road Roller ...	28,000	17,875	
4	Repairs, Materials including labour ...	43,000	36,732	
5	Repairs to culverts and foot-paths ...	1,600	1,423	
6	Repairs to bridges ...			
(*a*)	Canal bridges ..	340	56	
(*b*)	Constructing the central span of the Penitentiary Bridge ...	11,520	6,268	Work in progress.
(*c*)	Painting Napier Bridge with approved paint ...	680	673	Paid in full.
(*d*)	Dismantling and re-building the side wall on the western side of the small bridge in Brodie's Road ...	500	459	Do.
7	Tarring Roads ...	10,200	12,702	
8	Petty Works ...	2,250	2,103	
	Total ...	3,75,590	3,74,914	
	(*b*) *Buildings.*			
1	Repairs to buildings.			
	i. Repairing the wire fence at the Hindu burial ground, Washermanpet ...	130	131	Paid in full.
	ii. Repairing the surgery ward attached to the Lying-in Hospital Monegar Choultry Road ...	90	90	Do.
	iii. Repairing L. R. & L.G. wards attached to Lying-in Hospital, Monegar Choultry Road ...	260	260	Do.
	iv. Repairing Victoria Jubilee Ward attached to Lying-in Hospital, Monegar Choultry Road ...	90	88	Do.
	v. Repairing contagious wards attached to Monegar Choultry ...	190	195	Do.
	vi. Painting the wood work in roof doors, windows, main walls, etc., inside Royapuram Pumping Station ...	500	106	Work completed.
	vii. Repairing Baliah Naidu Dispensary ...	100	87	Paid in full.
	viii. Repairs to H. Bullock Depot in Slaughter House Road ...	1,400	1,381	Do.
	Carried over ...	2,760	2,338	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part II.—Repairs.—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	2,760	2,338	
	GRANT I.—*Public Works*—(contd.)			
	II. REPAIRS—(Contd.)			
	(*b*) *Buildings*—(Contd.)			
ix.	Repairing 144 houses in model Parchery Cemetery Road and cement plastering both inside and outside to a height of 3 feet ...	3,300	3,290	Paid in full.
x.	Repairs to Corporation Office premises in Errabalu Chetty Street ...	1,080	1,027	Do.
xi.	Cement plastering the 9 blocks of 71 houses in Vasamode Parchery to a height of 6 feet ...	3,200	3,136	Do.
xii.	Repairs to cart stand, Elephant Gate ...	2,700	2,652	Do.
xiii.	Cement plastering the walls of the male and female latrine in Slaughter House Road ...	300	300	Do.
xiv.	Repairing the floor of Sheep Slaughter House. ...	900	725	Do.
xv.	Covering the roofing of the model school in Kalathiappa Mudali Street, Chulai, with reinforced B. grade malthoid ...	690	692	Do.
xvi.	Repairing the corrugated iron roof and fixing rail posts to Dhobykhana, Chetpat...	320	311	Do.
xvii.	Excavating, removing the present pipe fountain and extending the pipe connection on both sides at cottage, No. 4, and Overseers quarters, Kilpauk ...	100	96	Do.
xviii.	Raising the compound wall, cement plastering, black boarding, shifting tiles, etc., of the old and new Panchama School building, Chetpat ...	500	490	Do.
xix	Repairing the old building for Motor fire Engine, Drivers quarters and erecting sheds in Wallajah Road Police Station Compound ...	340	360	Do.
xx.	Repairing the male and female latrine in Kodambakam High Road ...	130	118	Do.
xxi.	Repairing and whitewashing the vaccination depot at Pulibone Bazaar, Pycroft's Road ...	140	139	Do.
xxii	Re-building the compound wall and flooring a gate in Ice House Road Pumping Station ...	90	88	Do.
xxiii.	Manufacturing and fixing drain water-pipes in zinc sheet at Olcott Panchama School, Teynampet ...	100	...	Do.
xxiv.	Repairing the incinerator at Krishnampet	430	551	Do. { Estimate revised. Excess sanctioned by S.C. on 6 6.13
xxv.	Covering the roof of the Lang's Garden Pumping Station with reinforced B. grade malthoid ...	600	569	Paid in full.
	Carried over ...	17,680	16,872	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part II.—Repairs.—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	17,680	16,872	
	GRANT I—*Public Works*—(Contd.)			
	II. REPAIRS—(Contd.)			
	(*b*) *Buildings*—(Concld.)			
xxvi.	Enlarging the present office accommodation by converting a part of the Verandah into a room for the water distribution staff	200	...	Work completed and charged to Capital account by S. W. D.
xxvii.	Manufacturing doors and windows for Royapuram Pumping Station ...	100	99	Paid in full.
xxviii.	Improving the present system of latrine at the Corporation Workshop ...	160	149	Do.
xxix.	Repairing the godown room for the distrained property and the office room ...	140	135	Do.
xxx.	Repairing the existing windows in 'Hope Lodge' ...	150	145	Do.
xxxi.	Fixing wire netting around the Moore Market including the gateways ...	200	26	Work completed.
xxxii.	Manufacturing corrugated iron posts and fixing 1" galvanized pipes at the Plague Office, opposite to Messrs. Spencer & Co.	100	54	Do.
xxxiii.	Converting a portion of Vaccination depot into an operation room for Chintadripet Dispensary with colour and whitewashing the whole building ...	150	...	Do.
xxxiv.	Repairing the corrugated iron shed at Krishnampet Incinerator ...	30	24	Paid in full.
xxxv.	Repairing and whitewashing the Isolation Hospital at Krishnampet ...	130	126	Do.
xxxvi.	Repairing and whitewashing the male and Female latrine in Palli Teynampet, Eldam's Road ...	110	105	Do.
xxxvii.	Renewing the shed at Mylapore wharf	80	81	Do.
xxxviii.	Repairing the Conservator's quarters at Red Hills ...	130	...	Work in progress.
xxxix.	Repairs to Pumping Stations ...	5,300	...	
xL.	Petty Works ...	3,260	4,148	
	Total ...	27,920	21,964	
	(*c*) *Drainage*—			
	Pumping Stations			
	Labour, Materials, &c	1,15,600	1,23,500	
	Improvements of the overflow and other works connected with the sewage Grass farm.	5,750	...	
	Ordinary.			
1.	Repairs to side drains.			
(*a*)	Repairing and fixing door at Kelly's drain.	140	130	Paid in full.
(*b*)	Repairing the 9" drain in Parish Venkatachella Iyer Street between Govindappa Naick Street and Varada Muthiappen Street ...	140	111	Do.
	Carried over ...	1,21,630	1,23,741	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part II.—Repairs.—(*Contd.*)

No.	Particulars	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward...	1,21,639	1,23,741	
	GRANT I—*Public Works*—(Contd.)			
	II. REPAIRS—(Contd.)			
	(c) *Drainage, Ordinary* (Contd.)			
(c)	Repairing the side drains in Thotticalai On Comarappa Mudaly Street, north of Sattanna Naick Street junction ...	250	216	Paid in full.
(d)	Repairing the masonry side drain in Poonamallee High Road, northern side from Thiruvengada Mudaly Street to Sydenham's Road ...	710	663	Do.
(e)	Repairing the masonry side drains in Pathala Ponniammen Coil Street between Audiappa Mudaly Lane and Flowers Road	300	258	Do.
(f)	Repairing the side drains in Ponnappa Mudaly Street, east and west sides from Purasawalkum High Road to Letang's Garden. ...	490	352	Do.
(g)	Repairing the 6″ drain in Venaitheertha Mudaly Street from No. 22, Andiappa Mudaly Street, south side ...	170	169	Do.
(h)	Repairing the side drains in Rottigedangu Thiruvengada Mudaly Street ...	100	93	Do.
(i)	Repairing the storm water drain in Male Assylum Road from Police Commissioner's Office Road to the low ground in the east	170	164	Do.
(j)	Repairing the drain in Gream's Road near Mackey's Garden ...	540	462	Do.
(k)	Re-building the storm water arched drain in front of Anjuman buildings, Mount Road ...	70	72	Do.
(l)	Repairing and constructing the broken side walls of drain culvert across Patter's Road to Bo Begam Street ...	260	206	Do.
(m)	Repairing the side pot drains at Thalayari Street ...	150	75	Work completed.
(n)	Repairing the pot drain in Perumal Mudaly Street ...	300	142	Paid in full
(o)	Repairing the drain at Pycroft's Road from Triplicane High Road to Venkataranga Pillay Street ...	1,800	820	Do. Some works estimated for were not done as they were subsequently abandoned as unnecessary.
(p)	Repairing and cement plastering the old broken side drain in Oil Monger Street.	400	262	Paid in full.
(q)	Repairing the drain at the western side of Triplicane High Road ...	1,130	899	Do.
(r)	Repairing the drain at Pycroft's Road between Westcott Road and Triplicane High Road ...	3,750	936	Do.
(s)	Altering the existing drain at the junction of Wall Tax Road and China Bazaar Road.	520	365	Do.
	Carried over...	1,32,740	1,29,895	

STATEMENT II A.—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 or upwards.

Part II.—Repairs—(*concld*).

Numbers.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward...	1,32,740	1,29,895	
	GRANT I—*Public Works*—(Concld.)			
	II REPAIRS—(Concld).			
	(c) *Drainage Ordinary*—(Concld).			
(t)	Repairing the drain at Ice House Road from Jani Jan Khan Road to Triplicane High Road ...	1,800	827	Paid in full.
(u)	Repairing the drain at the eastern end of Triplicane High Road ...	1,100	954	Do.
(v)	Repairing the open drain at Peter's Road and Ice House Road ...	2,700	2,184	Do.
(w)	Repairing the drain in Patters Road from the Madras Electric Tramway Post No 18, to Wood's Road ...	900	688	Do.
(x)	Covering the open drain east of Ordnance lines with granite stones to a distance of 100 feet ...	250	252	Do.
(y)	Manufacturing three dozen cast iron gratings for the use of 20 divisions ...	290	284	Do
2	Petty Works ...	2,000	1,882	
3	Sewer, main drain, etc., cleaning ...	21,100	18,270	
4	Hire of coolies ...	39,430	36,150	
5	Maintenance of bullocks ...	68,050	62,740	
6	Do. carts ..	6,000	7,629	
	Total ...	2,76,360	2,61,755	
	(d) *Water—Supply.*			
1	Fountains ...			
	(1) Labour ...	7,600	7,479	
	(2) Repairs to materials ...	6,000	5,549	
2	Pipes and Valves ...	6,300	6,144	
3	Meters ...	5,000	4,727	
4	Delivery Channel			
	(1) Labour ...	2,380	2,360	
	(2) Repairs to materials ...	8,400	7,129	
5	Red Hills Lake staff ...	2,000	1,992	
6	Maintenance of pumping scheme ...	4,000	3,945	
7	Red Hills pumping ...	26,500	24,208	
	Total ...	68,180	63,533	
	(e) *Miscellaneous.*			
1	Petty Works ...	100	25	
	Total...	100	25	

STATEMENT IV-A—Demand, Collection and Balance Statement of Taxes, &c., for the year 1912-13 (*Current.*)

	Description of taxes, &c	Gross Demand.	Remitted on appeal.	Net Demand (Column 2 *minus* Column 3.)	Collection. For the year 1912-13.	Collection. Taxes prepaid in advance for 1913-14.	Collection. Percentage of collection for the year to net Demand.	Remission. For Vacancy, &c.	Remission. Written off.	Remission. Percentage of columns 7 and 8 to net Demand.	Balance. Column 4 *minus* columns 5, 7 and 8.	Balance. Percentage of balance to net Demand.
	1	2	3	4	5	6	6 (a)	7	8	8 (a)	9	9 (a)
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.		RS. A. P.	RS. A. P.		RS. A. P.	
1	Tax on Arts, &c. ...	1,69,525 0 0	100 0 0	1,69,425 0 0	1,68,605 0 0	... ...	99·52	... ...	10 0 6	0·006	810 0 0	0·48
2	Tax on Buildings and Lands ...	(a) 4,297 7 11 8,41,992 3 1	(a) 139 11 2 525 10 10	(a) 4,157 12 9 8,41,466 8 3	(a) 4,157 12 9 7,88,391 4 6	3,665 8 7		9,149 9 5 (d) 820 14 6	1 3 8		43,924 6 8	
3	Tax on Lands ...	(a) 8 6 6 8,674 5 11	22 9 2	(a) 8 6 6 8,651 12 9	(c) 43 5 7 (a) 8 6 6 7,881 7 1	85 12 11		0 0 0 (d) 86 13 0	... ...		770 5 8	
4	Water and Drainage tax on Buildings and Lands ...	(a) 2,783 3 3 5,47,127 8 3	(a) 82 7 7 350 0 4	(a) 2,700 11 11 5,46,777 7 11	(c) 4 11 4 (a) 2,700 11 11 5,12,257 12 2	2,382 9 5		5,854 10 9 (d) 508 8 2	1 8 2		28,663 8 10	
5	Water and Drainage tax on Lands ...	(a) 2 14 3 5,497 12 4	... 14 10 8	(a) 2 14 3 5,483 1 8	(c) 28 2 10 (a) 2 14 3 4,979 5 4	55 12 8	(f) 93 69	0 0 0 (d) 56 7 7	... ...	1·06	503 12 4	5 25
6	Lighting tax on Buildings and Lands ...	(a) 536 15 6 1,05,264 2 1	(a) 17 9 6 65 9 3	(a) 519 6 0 1,05,198 8 10	(c) 3 1 1 (a) 519 6 0 98,539 15 0	458 2 11		1,125 11 5 (d) 97 12 2	0 4 8		5,532 9 9	
7	Lighting tax on Lands ...	(a) 0 8 11 1,085 15 8	2 13 2	(a) 0 8 11 1,083 2 6	(c) 5 6 4 (a) 0 8 11 986 1 3	10 11 9		0 0 0 (d) 10 13 8	... ...		97 1 3	
8	Tax on Vehicles with springs ...	(b) 613 8 0 68,129 11 8	... ...	(b) 613 8 0 68,129 11 5	(c) 9 9 5 (b) 613 8 0 67,457 1 6	727 8 0	99·02	... ...	... ...	...	672 9 9	0·98
9	Tax on Animals ...	(b) 466 8 0 40,291 8 0	... ...	(b) 466 8 0 40,291 8 0	(b) 466 8 0 39,927 4 0	577 8 0	99 10	... ...	... ...	...	364 4 0	0·90
10	Tax on Carts and other Vehicles without springs ...	(b) 672 0 0 31,503 0 0	... ...	(b) 672 0 0 31,503 0 0	(b) 672 0 0 31,456 11 10	912 0 0	99·86	27 0 0	10 4 2	0·11	9 0 0	0·03
11	Tolls on Vehicles and Animals entering Municipal limits ...	(c) 43,127 4 4	... ...	(c) 43,127 4 1	(c) 43,127 4 4	... ...	100	... ...	... ...	...	... ...	...
12	Payment for occupation of Municipal Lands ...	6,631 5 2	... ...	6,631 5 2	6,557 1 2	... ...	98·88	... ...	... ...	...	74 4 0	1·12
13	Rent of Lands ...	26,197 2 2	... ...	26,197 2 2	25,982 4 1	... ...	99 19	... ...	... ...	...	214 14 1	0·81
14	Payment for water for non-domestic purposes ...	1,16,505 14 0	... ...	1,16,505 14 0	1,14,667 10 11	... ...	98·43	... ...	... ...	...	1,838 3 1	1·57
	Total ...	(a&b) 9,381 8 7 20,11,552 12 3	(a) 239 12 3 1,081 5 5	(a&b) 9,141 12 4 20,10,471 6 10	(a&b) 9,141 12 4 19,10,816 3 2 (c) 85 4 7	8,875 10 3	(g) 95·06	16,156 15 7 (d) 1,581 5 1	23 4 8	0·81	83,474 15 5	4·13

(a) The amount prepaid in advance in the previous year under Section 174 for the demand of 1912-13.
(b) The amount prepaid in advance in the previous year towards the demand of 1912-13.
(c) The difference refundable between the taxes prepaid under Section 174 and subsequently reduced on appeal.
(d) Represents the amount already refunded towards the taxes prepaid under Section 174 and subsequently reduced on appeal.
(e) Includes penal interest for instalments overdue.
(f) Excluding the amount of the enhanced assessment on Government buildings the payment of which has been withheld by Government, the percentage of collection to demand is really 98·46.
(g) Excluding the amount of the enhanced assessment on Government buildings the payment of which has been withheld by Government, the total percentage of collection to demand

STATEMENT IV-B.—Demand, Collection and Balance Statement of taxes &c., for the year 1912-1913—(*Arrear*).

	Description of taxes, &c.	Arrears of previous years.	Balance of last year.	Subsequent amendments and additions during the year.	Total arrear Demand (columns 2,3 & 3(a).)	Remission on objection.	Net Demand column 4 *minus* column 5)	Collection. Collection.	Collection. Percentage of collection to net Demand.	Remission. For Vacancy, &c.	Remission. Written off.	Remission. Percentage of total of columns 8 & 9 to Net Demand.	Balance. Column 6 *minus* columns 7,8 & 9.	Balance. Percentage of balance to Net Demand.	Years to which the Balance relates.
	1	2	3	3 (a)	4	5	6	7	7 (a)	8	9	9 (a)	10	10 (a)	11
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS A. P.	RS. A. P.	RS. A. P.		RS. A. P	RS. A. P.		RS. A. P.		
1	Tax on Arts, &c. ...	81 0 ...	947 8 0	1,052 8 0	2,031 0 0	82 0 10	1,998 15 2	1,956 7 2	97·55	... ...	6 0 0	0·30	42 8 0	2·13	1911-12.
2	Tax on Buildings and Lands	36 12 2	5,478 5 10	— 6 15 11	5,508 2 1	... ...	5,508 2 1	5,189 14 2		203 5 6	1 6 11		113 7 6		1910-11& 1911-12.
3	Tax on Lands ...	... ...	1,143 13 0	— 87 10 8	1,056 2 4	... ...	1,056 2 4	934 3 7		31 4 8	... ...		90 10 1		1911-1912
4	Water and Drainage tax on Buildings and Lands.	28 1 10	3,624 0 9	— 7 15 6	3,644 3 1	... ...	3,644 3 1	3,432 3 2		132 6 2	1 9 0		78 0 9		1910-11& 1911-12.
5	Water and Drainage tax on Lands.	... ...	738 14 1	— 55 14 2	682 15 11	... ...	682 15 11	606 5 2	93·30	18 10 9	... ...	3·56	58 0 0	3·14	1911-1912.
6	Lighting tax on Buildings and Lands.	7 7 11	707 15 11	— 6 7 7	715 0 3	... ...	715 0 3	672 14 7		25 7 7	0 4 10		16 5 3		1910-11& 1911-12.
7	Lighting tax on Lands ...	... ...	115 6 10	— 11 13 0	133 9 10	... ...	133 9 10	117 15 10		3 14 6	... ...		11 11 6		1911-12.
8	Tax on Vehicles with springs	37 8 ...	661 8 0	346 8 0	1,045 8 0	102 13 1	942 10 11	924 2 11	97·99	... ...	6 8 0	74	12 0 0	1·27	2/1910-11.
9	Tax on Animals ...	18 0 0	401 4 0	386 4 0	805 8 0	67 8 0	738 0 0	725 7 8	98·24	... ...	3 8 4	·54	9 0 0	1·22	
10	Tax on Carts and other Vehicles without springs.	3 0 0	9 0 0	36 0 0	48 0 0	... ...	48 0 0	42 12 2	89·58	... ...	2 3 10	4·17	3 0 0	6·25	1911-12.
11	Tolls on Vehicles and Animals entering Municipal Limits.	... ...	... ...	... ...	... ...	... ...	... ...	... ...	...	... ...	... ...	...	... ...	...	...
12	Payment for occupation of Municipal Lands.	4 11 4	125 5 9	4 9 6	134 10 7	17 4 0	117 6 7	115 2 7	98·29	... ...	... ...	...	2 4 0	1·71	1911-12.
13	Rent of Lands ...	41 8 2	125 9 3	121 2 6	288 3 11	9 4 0	278 15 11	170 5 11	61·11	... ...	101 9 11	36·39	7 0 1	2·5	1909-10&1911-12.
14	Payment for water for non-domestic purposes.	... ...	1,413 8 0	2,639 2 0	4,052 10 0	71 4 0	3,981 6 0	3,981 6 0	100	... ...	... ...	...	... ...	...	...
	Total...	258 1 5	15,522 3 5	4,415 5 2	20,195 10 0	350 1 11	19,845 8 1	18,863 4 11	95·05	415 1 2	123 2 10	2·71	443 15 2	2·24	...

STATEMENT IV-C:—Showing particulars of classification of assessments of Profession Tax under each class of the Schedule as compared with that of the previous year.

Classification as per Schedule V.	For the year 1911-1912.				For the year 1912-13.				Percentage of increase or decrease.	REMARKS.
	No. of assessments.	Amount of taxes thereon.			No. of assessments.	Amount of taxes thereon.				
		Rs.	A.	P.		Rs.	A.	P.		
I A	102	25,500	0	0	105	26,250	0	0	+2·94	Due to transfer from lower classes.
I B	27	4,725	0	0	27	4,725	0	0	...	...
I C	33	3,300	0	0	35	3,500	0	0	+6·06	Due to transfer from lower classes.
I D	9	675	0	0	8	600	0	0	—11·11	Too small to call for remarks.
I Pro. 1	11	1,375	0	0	14	1,750	0	0	+27·27	Due to transfer from lower classes.
I Pro. 2	38	2,850	0	0	52	3,900	0	0	+36·84	Do Do Do and Booking of new cases.
I Pro. 3	33	825	0	0	30	750	0	0	—9·09	Due to transfer to higher classes.
I	196	24,500	0	0	216	27,000	0	0	+10·20	Due to transfer from lower classes.
II	216	16,200	0	0	219	16,425	0	0	+1·39	Too small to call for remarks.
II C	14	700	0	0	15	750	0	0	+7·14	Do Do Do
III	542	20,325	0	0	530	19,875	0	0	—2·21	Due to transfer to higher classes.
III C	12	300	0	0	18	450	0	0	+50·00	Booking of new cases.
IV	789	13,807	8	0	783	13,702	8	0	—0·76	Too small to call for remarks.
V	1,342	13,420	0	0	1,385	13,850	0	0	+3·20	Due to transfer from lower classes
VI	3,948	19,740	0	0	3,925	19,625	0	0	—0·58	Due to transfer to higher classes.
VII	6,531	16,327	8	0	6,509	16,272	8	0	—0·34	Do Do Do
Total ...	13,843	1,64,570	0	0	13,871	1,69,425	0	0	+0·20	

STATEMENT IV-D.—Outstanding arrears yearwar under the combined property taxes and the collections and adjustments made during the year as compared with 1911-12.

Period.	For 1911—12.												For 1912—13.											
	Opening outstanding balance including subsequent amendments and additions.			Collection.			Remission and writes off.			Outstanding balance on 31-3-12.			Opening outstanding balance including subsequent amendments and additions.			Collection.			Remission and writes off.			Outstanding balance on 31-3-13		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
For 1903-04	9	2	5	...	...	...	9	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 1904-05	23	12	7	5	7	9	18	4	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 1905-06	47	9	1	20	1	10	27	7	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 1906-07	680	8	11	160	10	3	519	14	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 1907-08	3,286	11	6	64	12	8	3,221	14	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 1908-09	770	9	10	131	1	1	639	8	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 1909-10	337	9	11	313	10	5	23	15	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,, 1910-11	9,794	6	5	8,972	9	8	749	6	10	72	5	11	80	14	5	77	11	3	...	...	...	3	3	2
,, 1911-12	...	...	...	...	...	...	...	...	...	...	...	...	11,659	3	1	10,875	13	3	418	5	11	364	15	11
Total ...	14,950	6	8	9,668	5	8	5,209	11	1	72	5	11	11,740	1	6	10,953	8	6	418	5	11	368	3	1

STATEMENT IV-F.—Classification of Assessments under tax on Vehicles with Springs and on Animals.

Serial number.	Vehicles.	Half-yearly rate of tax.	1st Division. No.	1st Division. Amount.	2nd Division. No.	2nd Division. Amount.	3rd Division. No.	3rd Division. Amount.	4th Division. No.	4th Division. Amount.	5th Division. No.	5th Division. Amount.	6th Division. No.	6th Division. Amount.	7th Division. No.	7th Division. Amount.	8th Division. No.	8th Division. Amount.	9th Division. No.	9th Division. Amount.	10th Division. No.	10th Division. Amount.	11th Division. No.	11th Division. Amount.	12th Division. No.	12th Division. Amount.	13th Division. No.	13th Division. Amount.	14th Division. No.	14th Division. Amount.	15th Division. No.	15th Division. Amount.	16th Division. No.	16th Division. Amount.	17th Division. No.	17th Division. Amount.	18th Division. No.	18th Division. Amount.	19th Division. No.	19th Division. Amount.	20th Division. No.	20th Division. Amount.	Total for 1912-13. No.	Total for 1912-13. Amount.	Total for 1911-12. No.	Total for 1911-12. Amount.
		Rs.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A. P.		Rs. A.		Rs. A.		Rs. A.		Rs. A. P.		Rs. A.		Rs. A. P.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A. P.		Rs. A.
	VEHICLES.																																													
I (a)	Four-wheeled vehicle with springs propelled by electricity, gas, steam or any other mechanical power	25	8	200 0	8	200 0	...	... ...	4	100 0	22	550 0	1	25 0	3	75 0 0	14	350 0	5	125 0	...	... ...	5	125 0 0	107	2,675 0	41	1,025 0 0	49	1,225 0	87	2,175 0	9	225 0	20	500 0	1	25 0	51	1,275 0	47	1,175 0	482	12,050 0 0	387	9,675 0
(b)	Four-wheeled vehicle with springs drawn by two or more horses	15	2	30 0	4	60 0	...	... ...	5	75 0	6	90 0	17	255 0	4	60 0 0	19	285 0	6	90 0	1	15 0	...	... ...	5	75 0	15	225 0 0	7	105 0	39	585 0	5	75 0	21	315 0	9	135 0	14	210 0	10	150 0	189	2,835 0 0	200	3,000 0
II	Four-wheeled vehicle with springs drawn by a horse, mule, bull or bullock or by two or more horses under 13 hands, or by two or more mules, bulls or bullocks	7½	59	442 8	44	330 0	22	165 0	144	1,080 0	156	1,170 0	222	1,665 0	105	787 8 0	242	1,815 0	100	750 0	63	472 8	94	705 0 0	296	2,220 0	181	1,357 8 0	118	855 0	278	2,085 0	84	630 0	170	1,275 0	109	817 8	101	757 8	161	1,207 8	2719	20,617 8 0	2,762	20,715 0
III	Two wheeled vehicle with springs drawn by one or more horses, mules, bulls or bullocks ...	4½	48	216 0	142	639 0	84	378 0	89	400 8	98	441 0	137	616 8	167	751 8 0	147	661 8	100	450 0	85	382 8	156	699 1 7	117	526 8	104	468 0 0	70	315 0	210	945 0	98	441 0	384	1,728 0	181	814 8	284	1,278 0	113	508 8	2,814	12,660 1 7	2,930	13,182 0
IV	Bicycle or tricycle propelled by electricity, gas or steam	10	5	50 0	3	30 0	2	20 0	52	520 0	41	410 0	2	20 0	1	10 0 0	1	10 0	5	50 0	6	60 0	11	110 0 0	21	210 0	25	250 0 0	70	700 0	81	810 0	8	80 0	8	80 0	5	50 0	58	580 0	28	280 0	433	4,330 0 0	345	3,450 0
V	Every other bicycle or tricycle	2	159	318 0	52	104 0	19	38 0	282	564 0	335	670 0	94	188 0	185	370 0 0	115	230 0	187	374 0	116	220 0	282	564 0 0	465	930 0	318	636 0 0	189	378 0	292	584 0	194	388 0	335	670 0	337	674 0	220	440 0	243	486 0	4413	8,826 0 0	3,985	7,970 0
VI	Every other vehicle with springs :—																																													
	(a) Perambulator	3	...	... ...	1	3 0	2	6 0	10	30 0	32	96 0	30	90 0	32	96 0 0	112	336 0	22	66 0	15	45 0	14	42 0 0	4	12 0	1	3 0 0	0	0 0	1	3 0	1	3 0	5	15 0	6	18 0	5	15 0	0	... ...	293	879 0 0	341	1,023 0
	(b) Jinrickshaw	3	40	120 0	24	72 0	10	30 ...	62	186 0	103	309 0	147	441 0	168	503 9 8	132	396 0	47	141 0	26	78 0	366	1,098 0 0	239	717 0	147	441 0 0	29	87 0	47	141 0	92	276 0	199	597 0	94	282 0	65	195 0	53	159 0	2090	6,269 9 8	2,348	7,044 0
	(c) Hand cart with springs	3	2	6 0	3	9 0	...	... 0	2	6 0	23	69 0	6	18 0	...	... ...	...	... ...	1	3 0	4	12 0	...	... ...	5	15 0	2	6 0 0	6	... ...	22	66 0	5	15 0	14	42 0	2	6 0	0	0 0	1	3 0	92	276 0 0	65	195 0
	Total ...	...	323	1,382 8	281	1,447 0	139	637 0	650	2,961 8	816	3,805 0	656	3,318 8	665	2,653 9 8	782	4,083 8	473	2,049 0	310	1,285 0	928	3,313 1 7	1259	7,380 8	884	4,411 8 0	532	3,095 0	1057	7,391 0	496	2,133 0	1156	5,222 0	744	2,822 0	798	4,750 8	656	3,969 0	13,555	68,743 3 3	13,363	66,254 0
	ANIMALS.																																													
VII	Horse over 13 hands	7½	66	495 0	58	435 0	22	165 0	135	1,012 8	142	1,065 0	237	1,777 8	112	840 0 0	253	1,897 8	103	772 8	42	315 0	98	735 0 0	291	2,182 8	223	1,672 8 0	159	1,192 8	433	3,247 8	96	645 0	237	1,777 8	130	975 0	202	1,515 0	198	1,485 0	3,227	24,202 8 0	3,325	24,927 8
VIII	Horse of or under 13 hands	3½	28	105 0	81	303 12	88	330 0	68	255 0	72	270 0	112	420 0	134	502 8 0	184	690 0	62	232 8	53	198 12	99	371 4 0	105	393 12	60	225 0 0	38	142 8	91	341 4	70	262 8	257	963 12	120	450 0	186	675 6	68	255 0	1,970	7,387 8 0	1,688	6,330 0
IX	Horse of or under 11 hands	1½	11	16 8	14	21 0	4	6 0	17	25 8	8	12 0	18	27 0	15	22 8 0	3	4 8	9	13 8	14	21 0	20	30 0 0	18	27 0	16	24 0 0	12	18 0	18	27 0	13	19 8	34	51 0	34	51 0	49	73 8	19	28 8	346	519 0 0	621	931 8
X	Bullock or Bull	¼	154	115 8	1155	866 4	235	176 4	52	39 0	375	281 4	197	147 12	432	324 0 0	326	244 8	116	87 0	855	641 4	633	474 12	0	214	183	0 184	138	0	438	328 8	326	243 12	248	186 0	383	287 4	348	261 0	460	345 0	191	143 4	7,351	5,513 4 0	7,438	5,578 8
XI	Male Buffalo	¼	22	16 8	...	... ...	8	6 0	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	14	10 8	...	... ...	...	... ...	...	... ...	...	... ...	2	1 8	...	... ...	6	4 8	...	... ...	...	... ...	...	... ...	52	39 0 0	51	38 4
XII	Ass	¼	4	1 8	7	2 10	...	... ...	...	... ...	...	... ...	...	.. ...	..	.. ...	...	... ...	1	0 6	6	2 4	18	6 12	0	8	3	0 1	0	6 0	33	12 6	3	1 2	4	1 8	0	0 0	0	0 0	5	1 14	0	... ...	90	33 12	98	36 12
XIII	Dog	¼	205	153 12	140	105 0	63	47 4	83	62 4	275	206 4	188	141 0	346	259 8	248	186 0	208	156 0	130	97 8	383	287 4 0	317	260 1	210	157 8 0	182	136 8	145	108 12	257	192 12	180	135 0	99	74 4	220	165 0	175	131 4	4,084	3,063 0 0	4,088	3,066 0
	Total ...	...	490	903 12	1455	1,733 10	420	730 8	355	1,394 4	872	1,834 8	752	2,513 4	1039	1,948 8 0	1014	3,022 8	499	1,261 14	1114	1,286 4	1251	1,905 0 0	1013	3,049 8	694	2,217 6 0	562	1,836 0	1017	3,970 14	678	1,307 4	1097	3,219 0	731	1,811 4	1116	2,775 6	651	2,013 0	17,120	10,758 0 0	17,302	10,968 8
	Composed of 16,976 yearly items against 16,541 in 1911-12. Grant total ...	...	813	2,286 4	1736	3,180 10	559	1,367 8	1005	4,355 12	1688	5,639 8	1408	5,[illegible] 12	1704	4,602 1 8	1796	7,106 0	972	3,310 14	1424	2,571 4	2179	5,248 1 7	2272	10,130 0	1528	6,628 14 0	1394	5,525 0	2074	11,364 14	1174	3,410 4	2253	8,441 0	1475	4,633 4	1914	7,525 14	1307	6,012 0	30,675	109501 3 3	30,672	107162 8

STATEMENT-IV E.—Gradation list—The following is a gradation of the combined rates levied on Buildings and Lands:—

Gradation of annual taxes.	Number of Buildings and Lands.	Amount of House Water and Drainage and Lighting taxes thereon.			Number of lands.	Amount of House Water and Drainage and Lighting taxes thereon.			Total.			
									Number of Buildings and Lands.	Amount of taxes thereon.		
		Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.
Under 8 annas ...	1,805	592	2	0	265	78	5	7	2,070	670	7	7
8 annas and under 1½ Re. ...	2,126	2,473	8	2	650	622	13	11	3,076	3,096	6	1
1½ Re. and under Rs. 5 ...	8,874	28,632	9	0	753	2,023	1	4	9,627	30,655	10	4
5 Rupees and under Rs. 15 ...	15,621	1,53,519	6	4	345	2,847	4	2	15,966	1,56,366	10	6
15 Rupees and under Rs. 30 ...	10,267	2,25,122	14	5	100	2,068	11	2	10,367	2,27,191	9	7
30 Rupees and upwards ...	9,941	10,90,479	15	9	36	7,589	10	5	9,977	10,98,069	10	2
Total ...	48,934	15,00,820	7	8	2,149	15,229	14	7	51,083	15,16,050	6	3

STATEMENT IV-H.—The several processes adopted for realization of the various Taxes, &c., abstracted below:

Description of Taxes, &c.	Number of bills issued.	Warrants.			Warrants Adjusted.			Number of warrants remaining unexecuted at the close of the year.	Number of cases in which distress was sold.	Amount realized.			Demand towards which it was so realized.			Result of sales.						Number of Prosecutions instituted for default.	Distraint fees realized.		
		Number issued including arrears.	Number remaining unexecuted at the beginning of the year.	Total.	By payment before execution.	By payment after execution and cancelment.	Total.									Surplus.			Shortfall.						
																Number of cases.	Amount.			Number of cases.	Amount				
1	2	3	4	5	6	7	8	9	10	11			12			13	14			15	16			17	18		
										Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.		Rs	A.	P.		Rs.	A.	P.
1 Tax on Arts, &c. ...	14,665	5,059	62	5,121	5,011	43	5,054	67	8	13	1	2	33	0	0	1	2	11	5	7	22	10	3	242	17	4	0
2 House, Water and Drainage Taxes on Buildings and Lands ...	1,02,336	78,271	1,708	79,979	77,868	535	78,403	1,576	93	317	1	4	663	1	9	16	24	12	7	76	370	13	0	14	231	2	7
3 Tax on Vehicles with springs and on Animals.	11,686	2,702	43	2,745	2,663	26	2,689	56	8	125	14	6	108	4	0	4	61	14	5	4	44	3	11	2,704	34	0	0
4 Tax on Carts ...	...	...	...	...	...	...	...	...	20	76	4	7	60	0	0	11	28	12	7	9	12	8	0	...	...	...	...
5 Payment for occupation of Municipal Lands ...	17,716	...	...	...	...	...	...	...	3	16	2	5	8	8	0	2	7	14	7	1	0	4	2	0	10	12	0
6 Rent of Municipal Lands not falling under Section 408 ...	2,093	1,970	32	2,002	1,952	13	1,965	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	8	0
7 Miscellaneous Receipts.	1,810	329	26	355	312	3	315	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Statement IV.—J.—The following is an analysis of collection of each tax at each stage.

1	ARREARS.					CURRENT.									
Description of Taxes, &c.	2	3	4	5	6	7	8	9	10	11					
	On service of Bill.	After issue and before execution of warrant.	After Execution of warrant.	Total of Columns 2, 3 & 4.	Collected in advance in the previous year.	On Service of Bill.	After issue and before execution of warrant.	After execution of warrant.	Total of Columns 6, 7, 8 & 9.	Total of Columns 5 & 10.					
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.					
1. Tax on Arts &c.	1,575 6 0	334 14 0	40 9 2	1,950 7 2	... ...	1,47,967 8 0	20,535 0 0	162 8 0	1,68,665 0 0	1,70,555 7 2					
2. House tax on Buildings and Lands... ...	36 10 10	5,770 8 2	316 14 9	6,124 1 9	4,166 3 3	2,62,234 10 10	5,32,705 15 3	1,329 1 9	8,00,438 14 10	8,06,563 0 7					
3. Water and Drainage Tax on Buildings and Lands	23 0 11	3,772 10 1	242 13 4	4,038 8 1	2,703 10 2	1,70,119 7 3	3,46,215 2 5	872 5 0	5,19,910 11 8	5,23,979 4 0					
4. Lighting Tax on Buildings and Lands ...	4 5 11	730 14 7	55 9 11	790 14 5	519 14 11	32,732 6 5	66,026 8 11	167 0 11	1,00,015 15 2	1,00,836 13 7					
5. Tax on Vehicles with springs and on Animals...	635 0 0	911 4 0	83 6 7	1,649 10 7	1,080 0 0	92,092 10 0	11,910 2 0	381 9 0	61,083,464 5 6	1,10,114 6 1					
6. Payment for occupation of Municipal Lands ...	110 10 7	... ...	1 8 0	115 2 7	... ...	6,515 7 2	... ...	41 10 0	6,557 1 2	6,672 3 9					

TABLE No. 1.

Statement showing the current demand, collection, remission and balance under the combined property taxes as compared with the corresponding figures for 1910-11 and 1911-12.

Year.	Gross Demand.	Remitted on appeal.	Net Demand.	Collection.	Remission and writes off.	Balance.	Percentage of collection to demand.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
1910-11	13,22,126 13 11	4,415 0 11	13,17,711 13 0	12,97,120 1 11	11,790 5 8	8,801 5 5	98·44
1911-12	14,23,984 12 1	2,699 0 4	14,21,285 11 9	13 95,546 2 5	13,901 0 11	11,838 8 5	98·19
1912-13	15,17,271 7 11	1,221 1 8	15,16,050 6 3	14,20,425 9 8	16,133 0 1	(a)79,491 12 6	(b) 93·69

(a) Includes Rs. 72,432-7-6 being the increased tax on Government buildings the payment of which was withheld by Government during the year pending the settlement of the assessments by the committee appointed for the purpose.

(b) The percentage of collection to the net demand exclusive of the enhanced amount in the assessments on Government properties under appeal, viz. Rs. 72,432-7-6, is 98·46.

TABLE No. 2.

Statement showing the demand, collection, remission and balance under the combined arrear property taxes as compared with the corresponding figures for the years 1910-11 and 1911-12.

Year.	Outstanding at the beginning of the year.	Subsequent amendments and additions.	Total Demand.	Collection.	Remission and writes off.	Balance.	Percentage of collection to Demand.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
1910-11	29,812 15 4	232 10 1	30,045 9 5	28,140 7 1	1,135 0 11	770 1 5	93·66
1911-12	(a) 13,957 5 8	993 1 0	14,950 6 8	9,668 5 8	5,209 11 1	72 5 11	(b) 64·67
1912-13	11,910 14 4	170 12 10	11,740 1 6	10,953 8 6	418 5 11	368 3 1	93·30

(a) Includes embezzled amount of Rs. 4,385-14-10, of which Rs. 138-13-6 was recovered by sale proceeds and the rest written off.

(b) The percentage of collection to the demand exclusive of the embezzled amount is 90·20.

APPENDIX I.

TABLE No. 3.

Statement showing the number of Vehicles and Animals assessed for the year 1912-13 as compared with that of 1911-12.

Description of Vehicles and Animals.	Number assessed in 1911-12.	Number assessed in 1912-13.	Percentage of increase or decrease.
I. (a) Four-wheeled Vehicle with springs propelled by electricity, gas, steam or any other mechanical power...	387	482	+24·55
(b) Four-wheeled Vehicle with springs drawn by two or more horses	200	189	— 5·5
II. Four-wheeled Vehicle with springs drawn by a horse, mule, bull or bullock, or by two or more horses under thirteen hands or by two or more mules, bull or bullocks ...	2,762	2,749	— 0·47
III. Two-wheeled Vehicle with springs drawn by one or more horses, mules, bulls or bullocks	2,930	2,814	— 3·96
IV. Bicycle or tricycle, propelled by electricity, gas, or steam	345	433	+25·51
V. Every other bicycle or tricycle	3,985	4,413	+10·74
VI. Every other Vehicle with springs—			
(a) *Perambulator*	341	293	—14·08
(b) *Jinrickshaw*	2,348	2,090	—10·99
(c) *Hand cart with springs* ...	65	92	+41·54
VII. Horse over thirteen hands	3,325	3,227	— 2·95
VIII. Horse of or under thirteen hands or mule ...	1,688	1,970	+16·70
IX. Horse of or under eleven hands... ...	621	346	—44·28
X. Bullock or Bull	7,438	7,351	— 1·17
XI. Male Buffalo	51	52	+ 1·96
XII. Ass	98	90	— 8·16
XIII. Dog	4,088	4,084	— 0·09

TABLE No. 4.

Statement showing the Details of Refunds of other than current collections during 1912-13.

Particulars.	Amount. Rs.	A.	P.
Tax on Arts, &c.	155	0	0
House, Water and Drainage and Lighting taxes on Buildings and Lands	4,601	11	1
Tax on Vehicles with Springs	46	8	0
Tax on Animals	44	4	0
Tax on Carts	12	0	0
License fees on Timber and Firewood ...	35,985	8	0
Miscellaneous	797	14	11
Total...	41,642	14	0

FORM I.

Statement showing the constitution of the Corporation of Madras on 31st March 1913.

1	2	3	4	5	6								7
Name of District.	Serial No. of Municipality.	Name of Municipality.	Act under which constituted.	* Population within the Municipal limits.	Number of Members of Commission.								Remarks.
						Ex-officio. (a)	Nominated. (b)	Elected. (c)	Total. (d)	Officials. (e)	Non-officials. (f)	Europeans and Anglo-Indians. (g)	Indians. (h)
Madras.	1	Corporation of Madras.	The Madras City Municipal Act, 1904.	5,18,660		1	16	19	36	5	31	12	24

* According to the Census, 1911.

Statement of Loans for 1912-13.

Amount of loan and rate of Interest.		For what purpose and terms on which obtained and the year in which taken.	Date of Government Sanction.	Amount paid. Up to 31st March 1912. Number of years.	Amount paid. Up to 31st March 1912. Amount.	Amount paid. In 1912-1913.	Amount transferred to Sinking Fund. Up to 31st March 1912. Number of years.	Amount transferred to Sinking Fund. Up to 31st March 1912. Amount.	Amount transferred to Sinking Fund. In 1912-1913.	Invested. In Government Securities, &c	Invested. In Savings Bank.
1		2	3	4	5	6	7	8	9	10	11
					Rs.	Rs.		Rs.	Rs	Rs	Rs
‡ 14,30,000	4 p.c.	Water-works Project—Repayable in 50 years by a Sinking Fund at 2 per cent per annum. Taken in 1869—74.	No. 2327, dated 17th July 1869, P. W. D., and No. 1279, dated 11th September 1878, P. W. D. ...	...	...	...	41	12,32,100	29,500	12,61,600	...
2,50,000	5 p.c.	Extension of Water-supply—Repayable in 30 years by a Sinking Fund of Rs. 4,640 per annum. Taken in 1882.	No. 2505, dated 23rd December 1881, F D. ...	...	2,49,500	500	...	...	...	...	...
1,00,000	5 p.c.	Construction of Drains and Sewers for the Drainage of George Town—Repayable in 30 years by a Sinking Fund of Rs. 1,850 per annum. Taken in 1882.	Do. do. do. ...	...	1,00,000	...	...	...	...	...	...
3,00,000	5 p.c.	Do. do. Rs. 5,860 do. 1883.	No. 363, dated 15th Feb. 1883, F.D.	...	...	...	29	2,88,600	16,600	3,05,200	...
18,000	5 p.c.	Do. do. Rs. 5,720 do. 1885.	No. 487, dated 9th March 1885, F D	...	...	...	26	2,44,600	14,900	2,59,500	...
2,82,000	6 p.c.		No. 11 M., dated 10th Apl 1885, F.D. No 458, dated 3rd Sept. 1885, F.D.								
1,00,000	6 p.c.	Do. do. 50 years Rs. 820 do. 1887	No. 755 M, dated 11th August 1887, L. & M.	...	...	...	25	29,200	1,900	31,100	...
1,50,000	5 p.c.	Do. do Rs. 1,200 do. do. 1888	No. 352 M., dated 4th Aug. 1888, L. & M	...	...	...	21	40,700	2,700	42,200	...
1,50,000	5 p.c.	Do. do. Rs. 1,200 do do. 1889	No. 1193 M., dated 18th Sept. '89, L. & M.	...	...	...	23	38,900	2,600	41,500	...
20,000	5 p.c.	Extension of Water supply—Repayable in 50 years by a Sinking Fund of Rs. 170 per annum. Taken in 1889	No. 1417 M, dated 25th October 1889, L. & M.	...	...	...	23	5,300	400	5,700	...
50,000	5 p.c.	Construction of Drains and Sewers for the Drainage of George Town—Repayable in 50 years by a Sinking Fund of Rs. 400 per annum. Taken in 1890	No. 1562 M., dated 18th October 1890 ...	...	...	...	22	12,100	900	13,000	...
4,00,000	4 p.c.	Extension of Water-supply—Do. Rs 3,050 per annum. Taken in 1895.	No. 16 M., Mis., dated 8th Jan, '95.	...	...	...	17	76,600	3,900	76,500	...
1,00,000	4 p.c.	Construction of Market— Do. Rs. 750 do. Taken in 1897.	No. 383 M., Mis., D/13th April, '97.	...	...	...	15	16,000	1,300	17,300	...
2,00,000	4 p.c.	To repay the Government loan of 1899—Repayable in 50 years by a Sinking Fund of Rs. 1,520 per annum. Taken in 1899.	No. 2215 M., Mis., dated 21st December 1898 ...	...	...	...	13	25,400	2,400	27,800	...
50,000	4 p.c.	For cleaning water pipes— Do. Rs. 380 do. do.	No. 1630 M., Mis., D/19th Sep. '98	...	...	...	13	6,300	600	6,900	...
4,20,000	4 p.c.	For drainage works— Do. „ 3,190 do. do.	No.389M., dated 17th March '99, L. & M.	...	...	...	13	52,600	5,100	57,700	...
1,50,000	4 p.c.	Construction of Market— Do. „ 1,140 do. do.	No. 529 M., Mis, dated 24th April 1899, L. & M ...	...	...	...	13	18,700	1,900	20,600	...
7,80,000	4 p.c.	For drainage works— Do. „ 5,930 do. Taken in 1900	No.389M., dated 17th March '99, L. & M	...	...	...	12	89,000	9,300	98,300	...
1,50,000	4 p.c.	For cleaning water pipes— Do. „ 1,140 do. do.	No. 1530 M., Mis., dated 16th October 1899, and No. 758, M., dated 2nd June 1900, L. & M. ...	...	...	...	12	17,000	1,800	18,800	...
1,00,000	4 p.c.	To meet Plague charges— Do. „ 760 do. do.	No. 753 M., Mis., dated 1st June 1900 L. & M. ...	...	...	...	12	11,300	1,200	12,500	...
1,20,000	4 p.c.	For substitution of C. I. pipes for a portion of Sewer No. II, Repayable in 50 years by a Sinking Fund of Rs. 910 per annum. Taken in 1901-02.	No. 1089 M., Mis., dated 30th July 1901, L. & M. ...	...	...	...	11	11,200	1,300	12,500	...
2,00,000	4 p.c.	For drainage works— Do. „ 1,520 do. do. 1902.	No. 150 M., Mis., dated 10th February 1902, L. & M. ...	...	...	...	10	18,200	2,200	20,400	...
5,00,000	4 p.c.	Do. do. „ 3,800 do. do. 1903.	No. 35 M., Mis., dated 21st January 1903 and No. 869 M. Mis., dated 25th June 1903 ...	...	...	...	9	40,300	5,300	45,600	...
‡ 7,00,000	4 p.c.	Do. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 20,137 each. Taken in 1905.	No. 2496 M., dated 30th November 1905 ...	6	82,318-0-6	15,723-9-7	...	...	...	...	...
1,00,000	4 p.c	For Special buildings. Repayable in 30 years by a Sinking Fund of Rs 2,100 per annum. Taken in 1906-07.	No. 31 M., dated 10th January 1907.	...	...	...	5	11,500	2,700	14,200	...
‡ 4,00,000	4 p.c.	For improvement of Water-supply and drainage works. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 11,507 each Taken in 1908-09.	No. 1933 M., dated 10th November 1908 ...	3	22,141-8-2	7,984-11-5	...	...	...	...	...
‡ 4,00,000	4 p.c.	Do. do. Taken in 1909-10.	No. 1550 M., dated 16th September 1909 ...	2	14,466-13-5	16-04 77'7-	...	...	...	...	...
4,25,000	4 p.c.	For Special buildings. Repayable in 30 years by a Sinking Fund of Rs. 8,920 per annum. Taken in 1909-10.	No. 1289 M., dated 12th August 1909	...	...	...	3	26,900	9,900	30,800	...
1,00,000	4 p.c.	For Napier Bridge. Repayable in 30 years by a Sinking Fund of Rs. 2,100 per annum. Taken in 1909-10.	Do do do do	...	...	...	3	4,900	2,300	7,200	...
50,000	4 p.c.	For Napier Bridge. Repayable in 30 years by a Sinking Fund of Rs. 1,010 per annum.	Do do do do	...	...	...	1	1,000	1,100	2,100	...
3,00,000	4 p.c.	For Special buildings do. do. Rs. 6,300 per annum. Corporation office buildings ... 2,09,000; Royapettah Hospital ... ... 71,000; Model Schools 20,000; 3,00,000	No. 2209 M., dated 14th December 1911	...	...	...	...	...	6,300	6,300	...
‡ 1,00,000	4 p.c.	For improvement of Water-supply and Drainage. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 2,876 each	No. 2101 M., dated 29th November 1911	...	...	1,771-8-8	...	...	...	...	...
85,95,000				...	4,68,426-6-1	33,654-8-3	...	23,06,400 †	1,30,100 *	24,36,500	...

* Represents the value of securities purchased for the annual allotment shown in Statement II *plus* interest realized on previous investments on open market loans.

† Excludes investments of the value of Rs. 8,600 withdrawn for the repayment of the two loans of 1882. *Vide* paragraph 228 of the report.

‡ Loans from Government.

DR. GENERAL FUND—[Vide G.O. No. 244, dated 18th February 1882.] CR.

	RS.	A.	P.		RS.	A.	P.
To Grant I.—Public Works ...	9,12,641	13	1	By Opening Balance ...	9,50,337	8	2
„ „ II.—Education ...	9,220	12	3	„ Municipal Rates and Taxes ...	11,15,045	15	4
„ „ III.—Sanitation and Medical Services ...	5,14,385	9	6	„ Revenue derived from Municipal property and powers apart from Taxation ...	4,02,895	5	6
„ „ IV.—Miscellaneous Municipal purposes ...	2,13,975	8	1	„ Grants and Contributions ...	44,206	10	10
„ „ V.—Supervision and Management ...	91,960	15	3	„ Miscellaneous ...	57,543	1	11
„ Repayment of Debt ...	24,570	0	0	„ Extraordinary and Debt ...	...	...	...
„ Interest on Loan ...	61,206	0	0	„ Advances Recovered ...	5,514	4	6
„ Advances recoverable ...	13,820	10	0	Transferred from water and Drainage Fund Loan Account ...	...	...	...
„ Refund of other than Current Collections ...	39,562	6	4				
„ Discount on Loan ...	...	...	...				
„ Pensions and Gratuities ...	22,358	4	0				
„ Transfer to Water and Drainage Fund Revenue account ...	24,753	14	2				
„ Transfer to Lighting Fund ...	45,713	0	3				
„ Closing Balance Revenue account...	5,95,958	11	5				
Do. Loan account ...	5,415	5	8				
Total ...	25,75,542	14	3	Total ...	25,75,542	14	3

DR. WATER & DRAINAGE FUND—[Vide G.O. No. 244, dated 18th February 1882.] CR.

	RS.	A.	P.		RS.	A.	P.
To Grant I.—Public Works—							
New Works—				By Opening Balance ...	8,94,413	4	4
Buildings ...	1,158	12	11	„ Municipal Rates and Taxes—			
Drainage ...	4,34,695	4	6	Water Tax on Buildings and Lands ...	5,18,100	11	7
Water-supply ...	6,28,700	11	5	„ Water Tax on Lands— ...	5,614	8	3
Repairs—				„ Tax on Vehicles, Animals and Carts	17,583	8	0
Buildings ...	1,536	13	1	„ Revenue derived from Municipal property and powers apart from taxation ...	1,51,847	5	6
Drainage—Repairs to Works, &c. ...	2,61,754	10	6	„ Grants and Contributions—			
Establishment ...	37,195	11	3	From Government—			
Overtime ...	94	7	7	Improvement of Water-supply and Drainage ...	18,50,000	0	0
Allowances ...	1,589	9	7	„ Miscellaneous—			
Water-supply—Repairs to Works, &c. ...	63,533	3	4	Payment for Water for non-domestic purposes ...	1,18,649	0	11
Establishment ...	4,236	3	7	Sundry Receipts—Water-works ...	8,649	2	3
Establishment—General ...	1,19,261	14	11	Workshop receipts ...	5,794	15	10
Miscellaneous—W. W. Contingent ...	748	9	5	„ Extraordinary and Debt—			
„ Grant IV.—Mis. Municipal purposes—				Loan from Government ...	...	...	...
Other Charges—				Interest on Sinking Fund—			
Payment for Red Hills Water.	24,346	0	0	Water-works Loan of 1869-73 ...	43,306	4	9
Contribution to Provincial Funds ...	6,000	0	0	„ Advances Recovered ...	274	10	9
Stores ...	1,815	5	4	„ Transfer from General Fund Revenue Account ...	24,753	11	2
Workshops ...	7,118	12	10				
„ Grant V.—Supervision and Management ...	51,146	1	5				
„ Repayment of Debt—							
Sinking Fund ...	1,04,116	7	10				
Interest ...	2,76,800	6	5				
Advances recoverable ...	510	11	1				
„ Refund of other than Current Collections ...	1,762	9	8				
Transferred to General Fund Revenue account ...	...	...	...				
Closing Balance Loan account...	16,40,894	15	8				
Total ...	36,69,017	6	4	Total ...	36,69,017	6	4

DR. Lighting Fund—[Vide G.O. No. 244, dated 18th February 1882] CR.

	RS.	A.	P.		RS.	A.	P.
To Grant I—				By Opening Balance—	1,699	0	8
Establishment—General ...	1,105	15	5	„ Municipal Rates and ...			
„ Grant IV—				Taxes—			
Lighting—Establishment ...	1,322	1	0	Lighting Tax on Buildings and Lands— ...	99,676	6	10
Allowance ...	134	13	5	„ Lighting Tax on Lands—	1,115	6	3
Labor ...	544	7	8	„ Miscellaneous—			
Maintenance ...	76,528	3	5	Refund from expenditure of previous years ...	...	...	...
Additional Lamps and Sundries ...	55,232	11	0	Workshop Receipts ...	827	13	8
Repairs to Lamps and Posts...	5,260	2	11	Transferred from General Fund—			
Other charges—				Revenue Account ...	45,713	0	3
Stores ...	259	5	4				
Workshops ...	1,016	15	6				
„ Grant V—							
Salaries of Officers ...	2,647	7	7				
Head Office ...	898	6	4				
Assessment and Collection ...	3,763	4	1				
„ Refund of other than Current Collections ...	317	14	6				
„ Closing Balance ...	...	...	...				
Total ...	1,49,031	11	8	Total ...	1,49,031	11	8

Revenue and Capital Accounts for 1912-13 as compared with the Revised Estimate for 1912-13.

—	REVENUE ACCOUNT.		CAPITAL ACCOUNT.		TOTAL.	
	Actuals, 1912-13.	Revised Estimate 1912-13.	Actuals, 1912-13.	Revised Estimate, 1912-13.	Actuals, 1912-13.	Revised Estimate, 1912-13.
Receipts—						
Opening Balance ...	7,94,150	7,94,150	10,52,300	10,52,300	18,46,450	18,46,450
Municipal Rates and Taxes ...	17,87,167	18,32,860	...	...	17,87,167	18,32,860
Revenue derived from Municipal property and powers apart from Taxation ...	5,24,624	5,08,800	30,119	30,120	5,54,743	5,38,920
Grants and Contributions ...	44,207	44,210	18,50,000	18,50,000	18,94,207	18,94,210
Miscellaneous ...	1,91,464	1,68,870	...	...	1,91,464	1,68,870
Extraordinary and Debt ...	43,306	43,700	...	...	43,306	43,700
Advances Recovered ...	5,514	11,920	274	280	5,788	12,200
Transferred from Revenue Account ...	...	...	33,960	33,960	33,960	33,960
Total ...	33,90,432	34,04,510	29,66,653	29,66,660	63,57,085	63,71,170
Charges—						
Grant I—Public Works ...	11,48,421	13,48,010	13,19,833	16,99,190	24,68,254	30,47,200
II—Education ...	9,221	8,960	...	...	9,221	8,960
III—Sanitation and Medical Services...	5,14,386	5,47,190	...	...	5,14,386	5,47,190
IV.—Miscellaneous Municipal Purposes ...	3,93,554	4,06,780	...	...	3,93,554	4,06,780
V.—Supervision and Management ...	1,50,416	1,52,000	...	...	1,50,416	1,52,000
Repayment of Debt ...	1,28,687	1,28,690	...	...	1,28,687	1,28,690
Interest on Loans ...	3,38,006	3,46,560	...	...	3,38,006	3,46,560
Advances Recoverable ...	13,821	3,640	510	...	14,331	3,640
Refund of other than Current Collections...	41,643	45,000	...	...	41,643	45,000
Discount ...	...	...	...	...	...	...
Pensions and Gratuities ...	22,358	22,580	...	...	22,358	22,580
Transferred to Capital Account ...	33,960	33,960	...	...	33,960	33,960
Closing Balance ...	5,95,959	3,61,140	16,46,310	12,67,470	22,42,269	16,28,610
Total ...	33,90,432	34,04,510	29,66,653	29,66,660	63,57,085	63,71,170

APPENDIX II.

SPECIAL WORKS DEPARTMENT.

TABLE No. 1.

Expenditure under Capital Account.

Particulars.	Amount from 1st April 1908 31st March 1913			Amount for 1912-13		
Drainage Section.	Rs.	A.	P.	Rs.	A.	P.
New Drainage Works "Special" (for details See pages No. 73 to 75.) ...	15,15,209	5	7	5,10,566	15	5
Establishment—						
General Branch ...	77,421	8	3	14,626	1	0
Design and Construction ...	1,47,173	15	4	46,034	11	6
Famine Allowance ...	1,198	1	6	244	8	1
Conveyance Allowance ...	2,587	10	0	1,400	0	2
Charge Allowance ...	337	8	0	...	...	...
Sewer No. 11 ...	568	1	9	...	...	...
George Town Drainage ...	889	0	0	...	...	...
Miscellaneous ...	62,377	12	3	17,010	15	1
Total for Drainage Works ...	18,07,762	14	8	5,89,883	3	3
Sales of Stores ...	2,29,416	7	1	1,20,072	14	6
Net Expenditure ...	15,78,346	7	7	4,69,810	4	9
Water Works Section.						
New Water-supply Works "Special" (for details See pages No. 77-78.) ...	19,00,239	7	6	7,[illegible]1,812	4	0
Establishment—						
General Branch ...	77,418	1	10	14,626	1	4
Construction ...	1,11,871	0	0	27,067	1	10
Famine Allowance ...	1,238	7	4	165	6	9
Travelling Allowances to Officers ...	2,121	15	0	384	8	0
Charge Allowance ...	337	8	0	...	...	...
Miscellaneous ...	34,648	11	6	12,090	11	10
Distribution Scheme—						
Establishment ...	3,468	2	4	1,340	0	0
Conveyance allowance ...	90	0	0	90	0	0
Contingent ...	3,438	1	7	293	6	2
Total for Water-supply ...	21,34,871	7	1	8,17,869	7	11
ales of Stores ...	3,41,839	7	1	1,54,278	8	3
Net expenditure ...	17,93,032	0	0	6,63,590	15	8
Summary of Expenditure.						
Drainage Works ...	18,07,762	14	8	5,89,883	3	3
Water Works ...	21,34,871	7	1	8,17,869	7	11
otal ...	39,42,634	5	9	14,07,752	11	2
Deduct Sales of Stores ...	5,71,255	14	2	2,74,351	6	9
Net Expenditure ...	33,71,378	7	7	11,33,401	4	5

SPECIAL WORKS DEPARTMENT, DRAINAGE SECTION.

TABLE No. 2.

Statement showing details of Petty works carried out from 1st April 1912 to 31st March 1913.

Note—These do not include Tondiarpet and other Main Drainage Works.

I. Manholes raised to road level and covers fixed—	No.
18" Cast iron manhole covers. "A pattern"	9
Square Manholes	5
II. Lengths of Pipes laid—	Feet
4" Stoneware Pipes for house connections	1170
4" Cast Iron do. do	9
6" Stoneware do. for sewers	627
9" do do. do.	703
	No.
III. Houses connected to sewers	127
IV. Manholes constructed	9
V. Miscellaneous—	
Siphon cisterns built	127
Manhole Ventilators fixed	1
Masonry cisterns built	5
Silt catcher cisterns built	96
Flushing Latrine	1
Do. Manhole	1

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STATEMENT IV-G :—Compares the receipts from the License fees levied on import of Timber and Firewood and shows the rise and fall in Imports generally.

Period of Operation.	Articles Imported.	By Sea collected by the Madras Port Trust.			By Madras and S. M. Railway.			By S. I. Railway.			By Buckingham Canal (North).			By Buckingham Canal (South).			By Toll Gates collected by the Toll farmer.			Total of Columns 3 to 8			Sums with the Collecting Agencies at the end of the previous year.			Total of Columns 9 and 10.			Sums with the Collecting Agencies at the end of the year.			Refunds in the year.			Net (column 11 *minus* columns 12 and 13.)		
1	2	3			4			5			6			7			8			9			10			11			12			13			14		
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1909-10	Timber ...	1,46,863	12	0	11,602	8	0	947	8	0	630	0	0	21	4	0	253	12	0	1,60,318	12	0	928	12	0	1,61,247	8	0	1,016	4	0	19,953	14	0	1,10,277	6	0
	Inferior Redwood ...	2	0	0	314	0	0	3	0	0	...	...	...	...	...	...	0	8	0	319	8	0	63	0	0	382	8	0	30	8	0	...	...	...	352	0	0
	Junglewood Posts, etc. ...	141	12	0	5,023	14	0	154	14	0	61	8	0	309	12	0	936	0	0	6,627	12	0	387	14	9	7,015	10	9	500	10	0	...	...	...	6,515	0	9
	Firewood ...	3	7	6	8,097	2	10	311	13	6	17,871	7	6	11,878	0	6	1,979	9	8	40,144	9	6	960	5	8	41,104	15	2	1,145	1	6	...	...	...	39,959	13	8
	Total ...	1,47,010	15	6	25,037	8	10	1,420	3	6	18,562	15	6	12,209	0	6	3,169	13	8	2,07,410	9	6	2,340	0	5	2,09,750	9	11	2,692	7	6	19,953	14	0	1,87,104	4	5
1910-11	Timber ...	1,79,385	0	0	11,222	3	0	589	14	7	280	0	0	6	4	0	160	3	10	1,91,643	11	5	1,016	4	0	1,92,660	2	5	1,243	12	0	27,862	14	0	1,63,553	8	5
	Inferior Redwood ...	...	...	...	41	8	0	...	...	...	...	...	...	...	...	...	...	...	...	41	8	0	30	8	0	72	0	0	6	10	0	...	...	...	65	6	0
	Junglewood Posts, etc. ...	...	...	...	4,163	4	0	174	12	0	117	12	0	261	0	0	900	6	0	5,617	2	0	500	15	0	6,117	12	0	395	4	0	...	...	...	5,722	8	0
	Firewood ...	39	0	0	11,213	11	6	642	15	0	17,714	13	0	10,421	5	6	1,973	13	0	42,005	10	0	1,145	1	6	43,150	11	6	1,025	13	6	...	...	...	42,124	14	0
	Total ...	1,79,424	0	0	26,640	15	6	1,107	9	7	18,112	9	0	10,688	9	6	3,034	6	10	2,39,308	2	5	2,692	7	6	2,42,000	9	11	2,671	7	6	27,862	14	0	2,11,466	4	5
1911-12	Timber ...	1,53,910	0	0	15,660	4	0	757	8	0	120	0	0	...	...	...	96	4	0	1,70,541	0	0	1,213	12	0	1,71,737	12	0	1,192	8	0	26,792	0	0	1,43,803	4	0
	Inferior Redwood ...	...	...	...	68	8	0	...	...	...	...	...	...	...	...	...	2	0	0	70	8	0	6	10	0	77	2	0	21	0	0	...	...	...	56	2	0
	Junglewood Posts, etc. ...	2	10	0	1,238	0	0	111	12	0	357	6	0	213	12	0	799	8	0	5,723	0	0	395	4	0	6,118	4	0	313	8	0	...	...	...	5,804	12	0
	Firewood ...	...	...	...	11,760	6	10	817	4	6	15,833	2	6	10,852	3	6	1,992	7	6	41,255	8	10	1,025	13	6	42,281	6	4	1,309	12	6	...	...	...	40,971	9	10
	Total ...	1,53,912	10	0	31,727	2	10	1,686	8	6	16,310	8	6	11,065	15	6	2,890	3	6	2,17,593	0	10	2,671	7	6	2,20,264	8	4	2,836	12	6	26,792	0	0	1,90,635	11	10
1912-13	Timber ...	1,58,725	0	0	13,117	8	0	592	8	0	...	...	...	...	...	...	170	0	0	1,72,605	0	0	1,192	8	0	1,73,797	8	0	1,201	4	0	31,335	12	0	1,41,262	8	0
	Inferior Redwood ...	...	...	...	105	0	0	...	...	...	...	...	...	6	0	0	1	0	0	112	0	0	21	0	0	133	0	0	29	8	0	...	...	...	103	8	0
	Junglewood Posts, etc. ...	...	...	...	5,126	19	0	97	8	0	10	2	0	208	8	0	774	12	0	6,217	8	0	313	8	0	6,531	0	0	408	0	0	...	...	...	6,123	0	0
	Firewood ...	111	0	0	14,794	5	11	1,374	5	0	17,292	7	6	8,914	2	0	1,707	4	0	44,193	8	5	1,309	12	6	45,503	4	11	1,913	7	6	...	...	...	43,589	13	5
	Total ...	1,58,836	0	0	33,143	7	11	2,064	5	0	17,302	9	6	9,128	10	0	2,653	0	0	2,23,128	0	5	2,836	12	6	2,25,964	12	11	3,552	3	6	31,335	12	0	1,91,078	13	5

SPECIAL WORKS DEPARTMENT, WATER WORKS SECTION.

TABLE No. 5

Statement of Contracts awarded in connection with the New Water-supply.

Contract No.	Description of Works.	Amount of Estimate.			Name of Contractor.	Amount of Contract			Value of work executed up to 31st March '13.			Amount of Security lodged.			Date of order to Commence.			Date of Completion.			REMARKS.
		Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	D.	M.	Y.	D.	M.	Y.	
					Construction.																
1	Two blocks of Driver's quarters with subsidiary works at Kilpauk ...	9,500	0	0	M. Bashiam Naidu ...	7,958	6	3	8,002	11	3	500	0	0	25	2	08	21	9	08	
2	About 11,536 lineal feet of conduit and accessory works	1,20,939	2	0	V. Devasigamani Pillay	1,21,190	15	2	44,846	9	4	2,500	0	0	21	10	08	...	...	...	Cancelled *vide* G.O., No. 340 M. Mis. dated 1-3-11.
2A	About 7,000 lineal feet of conduit and accessory works	1,02,570	2	7	A. Subramania Iyer ...	1,05,052	2	7	1,02,222	13	4	3,000	0	0	22	4	11	...	...	...	
3	About 12,266 lineal feet of conduit and accessory works	1,32,002	12	0	A. Chockalinga Naicker.	1,30,807	9	0	...	...	...	2,500	0	0	21	10	08	...	...	...	Cancelled *vide* G.O., No. 511 M. Mis. dated 30-3-1910.
3A	About 9,660 lineal feet of conduit and accessory works	1,61,100	0	0	A. Sankarasab ...	1,56,481	5	3	1,75,459	15	10	5,000	0	0	1	7	10	...	...	...	
4	Settling Basin, 13,177 lineal feet of conduit and accessory works ...	2,70,236	0	0	A. Subramania Iyer ...	28,4,811	13	2	2,68,753	6	10	5,000	0	0	22	1	09	...	...	...	
5	Filter beds, Filtered Water Reservoirs and accessory works ...	7,28,113	7	0	A. Subramania Iyer ...	7,12,359	14	1	4,48,705	15	9	30,000	0	0	6	1	10	...	...	...	
6	Laying and jointing about 2,400 ft. of 48" Steel Pipes	13,512	12	3	M. Bashiam Naidu ...	13,512	8	0	7989	4	7	500	0	0	1	6	12	...	...	...	
7	Pumping Station, Kilpauk ...	1,71,045	0	0	Messrs. Bashiam and A. S. Krishnaswami Iyer.	1,72,709	2	11	48,550	15	1	3,000	0	0	7	10	12	...	...	...	
8	Steel Foot Bridge at Red Hills ...	2,182	0	0	Messrs. Oakes & Co. ...	3,601	0	0	...	...	...	250	0	0	13	12	12	...	...	...	
9	Steel Girders for Pumping Station, Kilpauk	20,000	0	0	Messrs. Oakes & Co. ...	8,330	0	0	...	...	...	500	0	0	22	1	13	...	...	...	
10	Main No. 1 ... ... Do. Do. 7																	... ...	... ...	... ...	
					Materials & Machinery																
M.M. No. 1	Steel Pipes and accessories ...	1,75,600	0	0	Messrs. Thomas Pigott & Co. ...	80,745	0	0	81,170	13	5	7,500	0	0	22	10	08	21	7	09	
,, 2	Portland Cement, English... ...	93,000	0	0	The South Indian Export Co., Ld. Agents of Messrs. Wm. Lee Son & Co., London ...	87,750	0	0	84,093	12	0	4,000	0	0	4	2	09	29	8	11	
,, 4	Iron works for Settling Basin ...	6,819	2	11	Messrs. F. Bird & Co., London ...	6,795	0	0	6,763	0	0	...	...	...	22	10	09	31	3	10	
,, 7	Do do for Filter beds	...	...	...	Messrs. Cochrane & Co., Ltd. ...	1,600	0	0	1,587	7	2	...	...	...	3	2	10	29	11	10	
,, 8	Do do for Filter beds and clear water reservoirs	48,803	0	0	Messrs. Glenfield & Kennedy. ...	45,516	0	0	44,911	0	0	...	...	...	24	5	10	18	5	12	
,, 9	Steam Engines, Pumps, Boilers, &c. ...	4,00,000	0	0	Messrs. Simpson & Co.,	3,90,695	0	0	3,42,905	0	0	10,000	0	0	3	11	10	...	...	...	
,, 10	Elevated Tank	1,91,500	...	...	The South India Industrials Ltd. ..	1,82,201	0	0	...	...	...	10,000	0	0	...	...	...	...	...	...	
,, 11	Portland Cement, English... ...	1,10,625	0	0	Messrs. M. M. Jeevajee & Co. ...	1,10,625	0	0	1,10 625		0	4 000	0	0	19	9	10	17	2	12	
13	Do	1,51,250	0	0	Messrs. Hajee Ismail Sait & Sons. ...	1,51,250	0	0	1,18,443	14	0	5,000	0	0	11	4	12	...	...	...	
,, 16	Cast Iron Pipes & Specials	12,82,161	0	0	Messrs. Balmer Lawrie & Co. ...	13,53,517	5	2	...	0	0	10,000	0	0	3	2	12	...	...	...	
					Miscellaneous.																
	Landing, Clearing, Carting, &c., of Steel Pipes	...	...	...	A. Chockalinga Naicker	1,962	10	1	2,018	7	0	200	0	0	26	1	09	23	11	09	
	Iron works for conduit	3,126	0	0	Messrs. Ham Baker & Co. ...	2,632	14	0	2,614	10	1	...	...	...	17	6	08	31	3	10	
	Stores Shed No. 1	1,500	0	0	Messrs Massey & Co & M. Bashiam Naidu ...	1,376	0	0	1,346	6	0	...	...	...	5	1	09	5	4	09	
	Stores Shed No. 2	1500	0	0	Messrs. Massey & Co. & A. Subramania Iyer.	1,389	2	0	1,405	14	2	...	...	...	4	8	08	11	1	09	
	Stores Shed No. 3	1,600	0	0	Messrs. A. S. Krishnasawmi Iyer and Massey & Co. ...	1,653	10	1	1,748	12	6	...	...	...	6	12	12	31	3	13	
					Piece Work.																
1	Construction of Suction Culvert ...	3,855	11	8	Department ...	...	...	...	3,352	12	11	...	...	...	4	9	11	20	4	12	
2	Construction of Suction Culvert, Engine House	6,852	2	2	A. Subramania Iyer ...	5,958	6	0	5,958	1	0	...	...	...	2	4	12	22	11	12	
3	Foundations of buildings & Engines at Pumping station, Kilpauk ...	18,067	11	0	A. Subramania Iyer ...	15,711	1	3	15,711	1	3	...	...	...	2	4	12	...	...	...	
4	48" Steel Pipe connection between Suction Culvert and the Fresh Water Tank	4,031	0	7	A. Subramania Iyer ...	3,505	4	0	3,505	4	0	...	...	...	...	7	12	3	2	13	
					Materials.																
1	Dressed granite bed stones for Kilpauk Pumping Station	1,500	0	0	A.S. Krishnasawmi Iyer	1,980	10	0	1,029	3	10	250	0	0	10	1	12				
2	Bricks for New Water Works Pumping Station and Elevated Tank at Kilpauk	39,791	12	0	T. Sawminatha Pillay ...	39,791	12	0	39,791	12	0	2,000	0	0	7	2	12	18	2	13	
3	Portable Pumping Plant for Kilpauk ...	4,000	0	0	Messrs. Oakes & Co. ...	3,270	0	0	3,270	0	0	...	...	...	8	11	11	16	12	11	
4	Pig lead	3,306	4	0	M. Krishnamacharry ...	3,306	4	0	3306	0	0	200	0	0	4	6	12	8	7	12	
5	Pig lead & yarn	95,700	0	0	...	...			...	...	...	...	...	...	...	...	...	...	...	...	
6	Pipe-laying accessories	18,400	0	0	...	...			...	...	...	...	...	...	...	...	...	...	...	...	
	Total ...	43,94,190	0	2		42,10,046	11	0	19,79,189	15	4	10,59,000	0	0							
	Deduct Materials for construction work ...	*6,00,000	0	0		*6,00,000	0	0	3,13,162	10	0										
	Net Total	37,94,190	0	2		36,10,046	11	0	16,66,027	5	4										

SPECIAL WORKS DEPARTMENT—DRAINAGE SECTION.

Tondiarpet Drainage.

Sewer Laying during the year 1912-1913

Table No. 4.

	Lineal feet of Sewer Laid.					Total length in Lineal feet.	No. of man-holes built.	Value of work excluding pipes.
	6″ dia.	9″ dia.	12″ dia.	15″ dia.	18″ dia.			
								Rs.
Contract No. 1 (Mr. C. White)								
Work done up to 31st March 1913.	...	1,932	...	...	...	1,932	4	3,257
Contract Nos. 2 and 4 (Mr. M. Bashiam Naidu)								
Work done up to 31st March 1913.	25,005	19,768	5670	2668	1370	54,481	311	98,249
Contract Nos. 3 and 5 (Mr. T. Manavala Chetty)								
Work done up to 31st March 1913.	25,261	20,977	3527	2281	1521	53,567	245	86,500
Department Work.								
Work done up to 31st March 1913.	4572	1580	1350	667	...	8169	44	14,500
Total Work done up to 31st March 1913.	54,838	44,257	10,547	5616	2891	1,18,149	604	2,0[illegible],506
Add value of pipes laid	...	...	...	...	...			1,14,451
Total value of sewers laid up to 31st March 1913				...	...		...	3,16,957

SPECIAL WORKS DEPARTMENT, DRAINAGE SECT

TABLE No. 6.

Statement of Contracts awarded in connection with Special Drainage.

Contract No.	Description of works.	Amount of Estimate.			Name of Contractor.	Amount of Contract			Value of work executed up to 31st March 1913.			Amount of Security lodged.			Date of order to commence.			Date of Completion.		
		Rs.	A.	P.	**Construction.**	Rs.	A.	P.	Rs.	A.	P.	Rs.	A	P.	D.	M.	Y.	D.	M.	Y.
1	Open channel at Tondiarpet grass Farm	63,252	11	9	W. K. Sreenivasa Iyengar ...	73,330	11	5	67,026	2	5	3,000	0	0	17	4	11	8	1	12
2	Engine and Boiler Houses, Stores Office and Tools rooms for the Law College Pumping Station ...	16,817	14	10	A. Subramania Aiyar ...	18,477	12	0	18,008	8	2	1,000	0	0	17	4	11	6	12	11
3	5 feet 6 inches and 4 feet 6 inches Sewer and all appurtenances in Tondiarpet.	81,791	0	0	Messrs. W. K. Sreenivasa Iyengar and W. K. Seshadri Iyengar ...	71,671	9	11	50,219	0	3	3,000	0	0	25	9	11			
4	2 feet 10 inches diameter Sewer in Tondiarpet	6,360	0	0	W. K. Seshadri Iyengar	5,180	6	0	4,114	7	4	500	0	0	17	1	12	21	12	12
5	Lifting and relaying existing 36 inches and 30 inches cast iron pipes in Surianarayana Chetty Street	16,859	0	0	Department ...	15,160	3	9	15,150	3	9	...	...	...	17	1	12	11	11	12
6	Over-flow from grass Farm Pumping Station, Tondiarpet	24,289	0	0	Messrs. W. K. Sreenivasa Iyengar and W. K. Seshadri Iyengar.	13,491	0	0	2,163	4	4	1,000	0	0	26	8	12			
7	A B and C Pumping Stations, Tondiarpet	33,760	0	0	Messrs. A. Narasa Iyer and A. Vencataraina Iyer.	32,335	1	10	11,823	7	10	1,000	0	0	18	11	12			
					Materials & Machinery.															
M. M. No. 3	Sewage Pumping Machinery ...	3,29,530	0	0	Messrs. James Simpson & Co. ..	2,07,442	15	0	2,16,838	8	8	10,000	0	0	23	6	10			
5	Stoneware pipes, &c., English ...	2,15,680	0	0	Messrs. Thomas Wragg & Sons, Ld. ...	2,23,728	0	0	2,13,755	3	1	7,500	0	0	8	9	10	19	11	12
6	Venturi Meter, Pump Pressure and Sewage Level Recorders, cast iron pipes, &c.	11,210	0	9	Messrs. James Simpson & Co. ...	12,362	1	0	41,180	10	6	5,000	0	0	8	12	10	29	8	12
12	36 inch cast iron pipes, &c. ...	14,090	0	0	Messrs. M. M. Jeevajee & Co. ...	15,282	2	4	14,363	0	11	700	0	0	26	7	11	6	10	11
14	Pumping Machinery for Stations A, B and C, Tondiarpet	1,37,304	0	0	The Campbell Gas Engine Co., Ld. ...	90,410	0	0	70,610	0	[illegible]	9,000	0	0	17	12	12			
15	Pumping Machinery for Farm Pumping Station	1,95,700	0	0	Messrs. Burn and Co. .	1,95,045	0	0	...	...	...	5,000	0	0	...	...	..			
17	4-5 ft 6" Dia. C.I. Penstock ...	5,600	0	0	„ Turner Hoare and Co. ...	7,124	0	0	...	...	...	500	0	0	4	2	13			
18	English Stoneware Pipes and Specials.	8,08,000	0	0	...															
19	Portable Pumping plant	25,000	0	0	...															
					Piece Work Tondiarpet.															
1	Sewer laying in Tondiarpet ...	5,968	3	5	Mr. C. White ...	3,450	9	11	3,450	9	11	500	0	0	29	5	11	31	8	11
2	Do ...	58,512	3	5	M. Bashiam Naidu ...	50,880	3	0	50,880	3	0	500	0	0	3	6	11	17	5	12
3	Do ...	73,300	10	1	T. Manavala Chetty ...	63,739	10	10	63,739	10	10	500	0	0	6	6	11			
4	Do ...	54,473	9	11	M. Bashiam Naidu ...	47,368	5	10	47,368	5	10	500	0	0	2	2	12			
5	Do ...	23,056	7	6	T. Manavala Chetty ...	20,049	1	8	20,049	1	8	500	0	0	6	2	12			
6	Well sinking at Pumping Station "A."	10,330	0	0	M. Bashiam Naidu ...	4,505	11	9	4,509	11	9	500	0	0	27	1	12	31	12	12
7	Do do "C."	8,102	0	0	M. Valavandrasawmi Pillay ...	4,451	0	10	4,451	0	10	500	0	0	10	2	12	31	12	12
8	Constructing Compound Wall at "A." Pumping Station	2,321	0	0	M. Bashiam Naidu ...	773	13	2	773	13	2	...	...	...	16	2	12			
9	Do do "C" Station ...	2,321	0	0	M. Valavandrasawmi Pillay ...	900	11	6	900	11		...	...	...	15	2	12			
10	Do do "B" Station ...	2,321	0	0	M. Bashiam Naidu ...	1,312	13	1	1,312	13		...	...	...	5	10	11	25	3	12
11	Excavation work for sewer laying in Tondiarpet	2,998	10	6	T. C. Subramania Moistry ...	1,998	13	4	1,998	13	4	...	...	...	4	9	11	12	4	12
12	Excavation work for sinking wells at "B" Pumping Station	10,330	0	0	Do	298	10	0	298	10	0	...	...	...	19	8	11	11	10	11
	Sinking well at "B" Pumping Station.				Department	10,904	4	8	10,904	4	8	...	...	...	7	8	11			
13	Laying 36" Pumping Main in Mannarsawmi Coil Street	8,608	12	1	M. Bashiam Naidu ...	7,485	14	0	7,485	14	0	...	...	...	8	7	12	9	12	12
14	Sinking brick wall for Pumping Station. Grass farm	2,175	15	1	M. Bashiam Naidu ...	1,892	1	9	1,892	1	9	500	0	0	31	8	12			
15	Emergency over-flow from "C." Pumping Station...	1,000			T. Janavala Chetty ..	.	.	...	...	...	...	100	0	0	15	8	12			
16	Brick foundations for 'A' Pumping Station	2,496	9	8	M. Bashiam Naidu ...	2,165	11	11	2,165	11	11	100	0	0	6	11	12	16	1	13
	"B" Pumping Station ..	3,914	14	0	M. Velavandrasawmy Pillay ...	3,404	3	10	3,404	3	10	100	0	0	27	8	12	18	1	13
	"C" Do do ...	2,235	9	1	T. Manavala Chetty ...	1,943	15	7	1,943	15	7	100	0	0	29	10	12	29	1	13
17	For lifting the existing 24" C. I. main ...	4,074	14	1	M. Bashiam Naidu ..	3,543	6	0	3,543	6	0	...	...	...	18	12	12			
18	30" C. I. main (Temporary connection) from 36" main to 24" main ...	1,233	7	5	Do	1,072	9	3	1,072	9	3	...	...	...	28	10	12	18	12	12
19	Laying 24" C. I. Sewer from Tiruvottiyur High Road to 'B' Pumping Station ..				Do															
20	Well sinking in Tondiarpet Grass Farm Pumping Station ...				Do							500	0	0						
					Materials Tondiarpet.															
1	Cast Iron manhole and lamphole covers ...	7,823	2	10	Municipal Workshop	6,615	8	0	6,392	14	10	300	0	0	22	7	11			
2	English Portland cement ...	7,375	0	0	Messrs. M. M. Jeevajee & Co. ...	7,375	0	0	7,375	0	0	300	0	0	7	8	11	19	10	11
3	Timber ...	4,590	0	0	Do	3,862	1	0	3,535	0	5	...	...	...	25	8	10	15	11	10
4	Well &c. bricks ...	9,496	0	0	M. Bashiam Naidu ...	10,853	7	0	4,337	9	2	100	0	0	3	3	11	23	1	12
5	Wrought Iron Ventilation columns with cast Iron bases &c. ...	11,250	0	0	Messrs. Burn & Co. ...	8,218	7	0	7,632	3	0	300	0	0	24	5	12	29	11	12
6	Cast Iron manhole covers and foot Irons ...	5,000	0	0	Messrs. Oakes & Co. & Municipal Workshop.	3,525	0	0	1,125	0	0	300	0	0	3	9	12	17	12	12
7	Country bricks for Grass Farm Pumping Station ...	3,168	12	0	W. K. Seshadri Iyengar ...	3,168	12	0	3,168	12	0	150	0	0	22	8	12	13	12	12
8	Pressed bricks for Grass Farm Pumping Station ...	11,023	3	2	T. Saminatha Pillai ...	11,023	3	2	11,023	3	2	400	0	0	29	8	12	5	11	12
9	Steel Beams and stanchions for 'A', 'B' and 'C' Pumping Stations, Tondiarpet ...	3,187	0	0	Messrs. Richardson and Cruddas ...	2,945	0	0	2,945	0	0	...	...	...	23	11	12	10	1	13
10	Silt Catcher Buckets ...	8,000	0	0																
					Miscellaneous.															
1	Cement pipes for Grass Farm ...	15,765	12	6	The South India Industrials Ld. ...	16,765	12	6	13,657	8	0	...	...	..	17	12	09	20	1	10
2	Accessories for Kalyani Hospital Drainage	2,221	10	7	J. E. Minnitt, Ld. ...	1,348	4	0	1,342	12	0	...	...	...	22	10	09	5	2	10
3	Ferro-concrete beams for Kelly's drain	4,129	9	7	The Indian Siegwart Beam Co., Ld. ...	4,429	9	7	4,389	13	2	...	..	...	17	12	09	14	3	10
4	7,5004 feet of 9 inches Stoneware Pipes for Sewage Farm	5,859	6	0	Messrs. Walker &Co....	5,859	6	0	5,376	15	3	...	...	...	18	12	09	18	2	10
5	Construction of the Kelly's drain new out-fall	9,200	0	0	The South India Industrials, Ld. ...	5,000	0	0	4,921	12	11	...	...	...	23	7	10	20	10	11
6	Draining, supplying and fixing sanitary fittings to Royapettah Hospital.	19,448	7	9	Messrs. Wilson & Co., Local representatives of Messrs. Richardson and Cruddas ...	20,634	13	2	19,742	2	2	1,000	0	0	6	1	12	15	8	12
7	Drainage and supplying and fixing of Sanitary fittings to New Municipal office	24,000	0	0																
	Total ..	24,15,260	10	0		13,30,736	14	7	10,86,014	15	3	48,950	0	0						

SPECIAL WORKS DEPARTMENT, DRAINAGE SECTION.

TABLE No. 7.

Statement of Miscellaneous Piece work contracts awarded in connection with Special Drainage.

Contract No.	Description of Works.	Name of Contractor.	Value of work executed up to 31st March 1913			Date of order to commence.			Date of completion.			REMARKS.
			Rs.	A.	P.	D.	M.	Y.	D.	M.	Y.	
1	Construction of a masonry shaft at Kelly's drain ...	C. V. Chinnasami Sastri...	155	7	5	17	6	10	...	...	...	Cancelled.
2	Construction of compound wall, wells, &c., at Law College Pumping Station	P. Parthasarathi Naidu...	3,278	3	6	5	3	10	...	...	...	Do.
3	Construction of a Night Soil Depot, &c., at Ice House Road	O. Munisawmi Mudaliar..	2,011	2	0	25	5	10	...	...	...	Do.
4	Construction of a water tower at Night Soil Depot, Ice House Road	The South India Industrials, Ld. ...	726	12	11	18	4	10	19	5	10	
6	Construction of masonry work at Law College Pumping Station	Shunmuga Mudaliar ...	557	1	8	13	10	10	20	6	11	
7	Execution of excavation works at Law College Pumping Station	T. C. Subramania Maistri	137	1	10	1	10	10	19	12	10	
8	Supply of obra sets for Law College Pumping Station ...	Do. ...	107	0	3	10	10	10	12	1	11	
9	Excavations for pipe trenches, &c., at Law College and Rayapuram Pumping Station...	Maistri Kuppadu ...	459	6	8	17	1	11	15	7	11	
10	Excavation for Venturi Meters...	Mr. C. White ...	471	10	9	13	3	11	26	6	11	
11	Excavation for laying stoneware pipes at Law College Pumping Station	Do. ...	578	5	3	...	...	...	6	12	11	
	Total ...		8,482	4	3							

SPECIAL WORKS DEPARTMENT, DRAINAGE SECTION.

TABLE No. 3

Statement showing English Stoneware pipes and specials received at Napier Park and Tondiarpet Drainage Stores up to 31st March 1913.

Dimensions.	Description.	Total to 31st March 1913.	Total as per last Administration Report.	Total delivered 1912-13.
	Ordinary Joints.	No.	No.	No.
4″	Pipes, Straight ...	20,770	20,770	...
6″	Do. ...	33,019	33,019	...
9″	Do. ...	17,532	17,532	...
12″	Do. ...	784	784	...
18″	Do. ...	283	225	58
4″ × 4″	Junctions ...	13,909	13,909	...
9″ × 4″	Do. ...	5166	5,055	111
12″ × 4″	Do. ...	74	74	...
15″ × 4″	Do. ...	...	...	...
18″ × 4″	Do. ...	117	116	1
1/8	6″ Bends ...	772	772	...
1/4	Do. ...	371	371	...
9″ × 6″	Tapers ...	42	42	...
6′ × 6″	Tumbling Bays ...	448	448	...
4″	Stoppers ...	13,519	13,519	...
6″	Do. ...	673	673	...
6″	P. Traps ...	196	196	...
6″	Cascade Traps ...	141	141	...
4″	Do. ...	101	101	...
4″	Channel Pipes ...	9,115	9,115	...
6″	Do. ...	991	991	...
9″	Do. ...	783	783	...
12″	Do. ...	81	81	...
15″	Do. ...	38	38	...
1/8	4″ Bend (Right) ...	201	201	...
1/8	Do. (Left) ...	198	198	...
1/4	6″ Bend (Right) ...	99	99	...
1/4	Do. (Left) ...	99	99	...
6″ × 6″	Junctions (Right) ...	80	80	...
6 6″	Do. (Left) ...	75	75	...
	Specials.			
	Siphon Traps ...	14	...	14
4″	Manchester Double Access and Test Junctions 4″ Diameter 4″ Shaft— ...	612	...	612
	Hassall's Joint Pipes.			
9″	Pipes, Straight ...	9,027	9,027	...
12″	Do. ...	3,366	3,364	2
15″	Do. ...	1,824	1,824	...
18″	Do. ...	833	486	347
9″ × 4″	Junctions ...	2,331	2,304	27
12″ × 4″	Do. ...	911	887	24
15″ × 4″	Do. ...	540	540	...
18″ × 4″	Do. ...	254	176	78
	Total ...	1,39,389	1,38,115	1274

SPECIAL WORKS DEPARTMENT.

TABLE No. 8.

Statement showing the works executed and the cost charged to Revenue Account during 1912-13.

No.	Description of Works.	Amount of Estimate.	Expenditure during the year.	Expenditure up to 31st March 1913.
		Rs.	Rs.	Rs.
1	Acquisition of land behind Ice House Road Pumping Station and constructing a Pail Depot.	12,615	127	10,336
2	Constructing new sea out-fall and covering the drain for stopping Kelly's drain nuisance ...	15,450	...	11,771
3	Filling in breaches and erecting a rough stone revetment on the northern side of the sewage out-fall channel at the northern end of Georgetown Grass Farm ...	3,750	...	...
4	Fixing 24″ cast iron manhole covers for a manhole at South-East corner of Rayapuram Pumping Station ...	55	...	...
5	Improving the present systems of latrine constructed in the Corporation Workshop ...	345	149	332
6	Manufacturing doors and windows for Rayapuram Pumping Station with glasses ...	425	100	233
7	Connecting 3″ C. I. pipes for conveying sewage from 24″ C. I. Sewage Main to Night Soil Depot at Ice House Road ...	850	553	651
8	Raising the side walls of the valve house near Basin Bridge ...	156	...	36
9	Laying 6″ stoneware pipes to connect the Oddan Parchery drain with ball separator ...	510	328	441
	Total ...	34,156	1,257	23,800

SPECIAL WORKS DEPARTMENT.

TABLE No. 9.

Statement showing the Private Works executed during 1912-13.

No.	Description of Works.	Amount of Estimate.	Expenditure during the year.	Remarks.
		Rs.	s.	
1	Mr. A. K. Venkatacharriar's house connection...	93	...	
2	For preparation of plans and estimates for the proposed connection to the latrine of Mr. Unger's house ...	50	...	
3	Connecting the urinal water of Messrs. W. E. Smith & Co. ...	280	97	
4	Constructing a flush-out latrine for Indian Aluminium Co., Ld. ...	910	50	
5	Drain connection for foul water from a Lavatory to the existing new Drain ...	35	32	
6	Connecting the house drain with the main and fixing syphon inside the compound of premises at South Mada Street, Mylapore ...	37	37	
7	House connection for premises No. 20, Sawmi Naik Street, Chintadripett ..	52	48	
8	House connection for premises No. 40 in Yellappa Naik Road ...	35	27	
9	Constructing Masonry drain and laying Pipes in the compound of the Salt Peons' lines, Basin Bridge Road ...	1088	1063	
	Total ...	2580	1354	

SPECIAL WORKS DEPARTMENT.

TABLE No. 10.

Statement showing the value of Pumping Station buildings and plant as given in the Administration Report for 1911-12 compared with the estimated value on the 31st March 1913.

		Value in Books on 31st March 1912.	Estimated value on 31st March 1913.
		Rs.	Rs.
Rayapuram	Buildings	11,761	11,408
	Machinery	1,55,920	1,37,977
DeMellow's Road	Buildings	4,310	4094
	Machinery	10,122	17,707
Langs Garden	Buildings	7,198	7,482
	Machinery	7,859	13,749
Napier Park	Buildings	12,142	11,778
	Machinery	16,390	23,019
Ice House Road	Buildings	9,555	9,268
	Machinery	7,826	15,553
Mylapore	Buildings	4,283	4069
	Machinery	6,112	12,123
Law College	Buildings	18,008	17,468
	Machinery	1,10,339	97,615
	Amount to be written off with the sanction of the Standing Committee for loss, wear and tear and depreciation ...		39,914
	Total ...	3,81,825	4,23,224
Deduct value of New Machinery added during the year			41,399
			3,81,825

SPECIAL WORKS DEPARTMENT.

TABLE No. 11.

Value of tools, plant and materials on 31st March 1912 (as given in the Administration Report for 1911-12) compared with the estimated value on 31st March 1913.

	31st March 1912.	31st March 1913.
	Rs.	Rs.
Tools and plant ...	37,200	42,790
Materials ...	2,86,499	3,31,433
Amount to be written off with the sanction of the Standing Committee for loss, wear and tear and depreciation ..		3,124
Total ...	3,23,699	3,77,347
Deduct value of Stone-ware Pipes, etc., added during the year		53,648
		3,23,699

TABLE No. 12.

Table showing sizes and lengths of water pipes laid during the year 1912-1913.

Division.	Number of Fountains erected.	4″	3″	2½″	2″	1¾″	1¼″	1″	REMARKS.
		ft.	ft.	ft.	ft.	ft.	ft.	ft.	
1	...	...	...	...	...	...	...	...	
2	7	...	...	...	250	...	1575	...	
3	3	140	560	...	...	...	32	...	
4 & 5	...	...	...	...	...	...	...	...	
6 & 7	1	...	...	...	150	...	...	...	
8 & 9	...	...	...	...	...	...	...	...	
10 & 11	6	1100	250	374	...	...	...	480	
12 & 13	4	18	...	450	220	...	80	130	
14&15 B.	...	18	27	...	350	...	...	...	
16 & 17	3	...	...	...	300	60	...	...	
18&15 A.	2	...	...	...	450	...	...	...	
19 & 20	3	1200	...	...	...	...	...	100	
Total ...	29	2,476	837	824	1720	60	1687	710	8,314 ft. or 27,71⅓ yds.

TABLE No. 13.

Reforming roads during 1912-13.

Thickness.	Blue Granite.				Velacheri Granite.				Laterite.				REMARKS.
	Squares.	Miles.	Fur.	Yds.	Squares.	Miles.	Fur.	Yds.	Squares.	Miles.	Fur.	Yds.	
6″ Thick.	1,969½	2	2	200	952	0	6	18	4,067½	7	0	190	
5″ do.	1,251	0	5	0	...	...	...	...	...	...	...	...	
4″ do.	9,986½	6	1	73	11,578	9	5	38⅔	11,885	13	6	151	
3″ do.	21,257½	12	7	44⅔	2,365½	2	5	174	2,612	1	4	93⅓	
2″ do.	2,944	1	5	215	36	0	0	146⅔	72	0	0	200	
Total ...	37,348½	23	6	92⅔	14,926½	13	1	157⅓	18,636½	22	4	94⅓	M. F. Yds. =59—4—124⅓ Grand Total.

TABLE No. 14.

Repairing roads thoroughly 4″ and 3″ thick during 1912-1913.

Thickness.	Gravel.				Remarks.
	Squares.	Miles.	Fur.	Yds.	
4″ Thick ...	120	0	1	4	
3″ do ...	420	0	2	120	
Total ...	540	0	3	124	

TABLE 14 (*a*).

Tarring roads during 1912-1913.

No. of Barrels.	Squares.	Miles.	Fur.	Yds.	REMARKS.
295	3,860¼	1	6	185	

TABLE No. 15.—List of roads and streets reformed with *Blue granite* during 1912-13.

No.	Division	Names of roads.	From	To	Length.
			North Range.		
1	1st	West Mada Church Road	North Mada Church Road	South Mada Church Road	1,150
2	1st	Brunton Cotton Press Road	Mannarswamy Coil Street	Distance of 750 feet towards east	750
3	2nd	Monigar Choultry Road	Jandara Pilliar Coil Street	Cemetery Road	2,090
4	2nd	Monigar Choultry Road	Jandara Pilliar Coil Street	Kalmantapam Road	700
5	2nd	Kalmantapam Road	Mannarswamy Coil Street	Gollavar Agraharam	1,200
6	2nd	Kalmantapam Road	Mannarswamy Coil Street	End	1,300
7	2nd	Cemetery Road	Mannarswamy Coil Street	Monigar Choultry Road	1,635
8	2nd	Gollavar Agraharam Road	Kalmantapam Road	Balu Mudaly Street	1,350
9	2nd	Balu Mudaly Street	Gollavar Agraharam Road	Soliappen Street	975
10	2nd	Monigar Choultry Road	Jandara Pilliar Coil Street	Cemetery Road	2,090
11	2nd	Kalmantapam Road	Mannarswamy Coil Street	Gollavar Agraharam Road	1,200
12	2nd	Cemetery Road	Mannarswamy Coil Street	Monigar Choultry Road	1,635
13	4th	North Beach Road	Custom House Road	Railway Terminus Road	3,300
14	4th	Light House Road	Parry's Corner	Fraser Bridge Road	1,460
15	4th	Mada Street	Thumbu Chetty Street	Ungappa Naik Street	270
16	4th	North Beach Road	Parry's Corner	Port Trust Gate	3,000
17	4th	Fort Beach Road	South Sea Gate	Fraser Bridge Road	2,100
18	5th	Popham's Broadway	China Bazaar Road	Loane's Square	980
19	6th	Popham's Broadway	Mannady Street	St. Xavier Street	1,150
20	6th	Anna Pillay Street	Popham's Broadway	Kothawal Gate	900
21	6th	Umpherson Street	Anna Pillay Street	China Bazaar Road	1,025
22	7th	Basin Bridge Road	Bridge	Mint Street	2,725
23	8th	Audiappa Naik Street	Wall Tax Road	Kothawal Gate	3,200
24	9th	Rasappa Chetty Street	Mint Street	Wall Tax Road	972
25	9th	Wall Tax Road	General Hospital Road	Rasappa Chetty Street	1,690
26	9th	General Hospital Road	Bridge	Moore Road	1,350
27	9th	Evening Bazaar Road	Moore Road	Thieving Bazaar Road	1,300
28	9th	Thieving Bazaar Road	Evening Bazaar Road	Fraser Bridge Road	440
29	9th	Thieving Bazaar Road	Rasappa Chetty Street	Evening Bazaar Road	440
30	9th	General Hospital Road	Moore Road	Bridge	1,350
31	9th	Evening Bazaar Road	Thieving Bazaar Road	Moore Road	1,300
32	10th	DeMellow's Road	Elephant Gate	Gantz Road	4,500
33	10th	Pulianthope Road	Gantz Road	Basin Esplanade Road	3,175
			South Range.		
34	12th	Sydenham's Road	Rottigedangu Thiruvengada Mudaly Street	Choolai Bazaar Road	1,475
35	12th	Poonamallee Road	Flowers Road	Police Commissioner's Office Road	1,649
36	12th	Choolai Bazaar Road	Sydenham's Road	Avadanam Paupier Road	1,880
37	12th	Hunter's Road	Pursewalkum High Road	Choolai Bazaar Road	2,520
38	12th	Poonamallee Road	Rundall's Road	Ritherdon Road	1,500
39	12th	Poonamallee Road	Rundall's Road	Naval Hospital Road	1,470
40	12th	Poonamallee Road	Sydenham's Road	Naval Hospital Road	1,380
41	13th	Gengu Reddy Road	Casa Major Road	Poonamallee High Road	2,490
42	13th	Whannel's Road	Poonamallee High Road	Railway Crossing	690
43	13th	Harris Road	Harris Bridge	Aiyasamy Pillai Street	2,100
44	13th	Ponniammen Coil Road	Whannel's Road	St. Andrew's Bridge	450
45	13th	Whannel's Road	Railway Crossing	Pantheon Road	1,000
46	13th	Pantheon Road	Police Commissioner's Office Road	West River Side Road	1,820

TABLE No. 15.—List of roads and streets reformed with *Blue granite* during 1912-13.—(*Continued*).

No.	Division.	Names of roads.	From	To	Length.
47	13th	Junction of Pantheon Road	Harris Road	Police Commissioner's Office Road	129
48	14th	Brick Kiln Road	Pursewalkum High Road	Lamp Post No. 6/223	2,510
49	14th	Barnaby's Road	Poonamallee Road	Flowers Road	2,477
50	14th	Poonamallee Road	Mc Nicholl's Road	The Limit	3,149
51	14th	Poonamallee Road	Mc Nicholl's Road	Barnaby's Road	1,955
52	14th	Poonamallee Road	Flowers Road	Barnaby's Road	2,047
53	14th	Taylor's Road	Kilpauk Garden Road	Hall's Road	1,388
54	14th	Spur Tank Road	Gengu Reddy Road	Mc Nicholl's Road	3,914
55	15th	The Road over College Bridge	...	...	356
56	15th	Mount Road	White's Road	Peter's Road	1,000
57	15th	Club House Road	Mount Road	Club House Gate	528
58	15th	Mount Road	Messrs. W. E. Smith & Co.	Messrs. Spencer & Co.	2,500
59	17th	Southern Side of Mount Road	Cosmopolitan Club	General Patter's Road	745
60	17th	Triplicane High Road	Thiruvatteeswaranpettah Road	Pycroft's Road	1,424
61	17th	Triplicane High Road	Thiruvatteeswaranpettah Road	Walajah Road	1,180
62	17th	Wood's Road	General Patter's Road	Pycroft's Road	949
63	17th	General Patter's Road	Mount Road	Woods Road	2,024
64	17th	Pycroft's Road	Triplicane High Road	Jani Jani Khan Road	1,073
65	17th	General Patter's Road	Mount Road	Woods Road	1,533
66	17th	The Road over Government House Bridge	...	...	573
67	17th	The Road over Walajah Bridge			317
68	17th	Mount Road	Messrs. P. Orr & Sons	Government House Bridge	737
69	17th	Mount Road	Blacker's Road	General Patter's Road	1,472
70	17th	The Road over Napier Bridge	...	...	830
71	17th	Kuppumuthu Mudaly Street	Ellis Road	Fakeer Sahib Street	628
72	17th	Pillar Coil Street	Kuppumuthu Mudaly Street	Subadral Street	605
73	17th	Ellis Road	Walajah Road	Kuppumuthu Mudaly Street	1,808
74	17th	Wood's Road	Mount Road	General Patter's Road	750
75	17th	Blacker's Road	Mount Road	Harris Bridge	684
76	19th	Seaway Road	Royapettah High Road	The New Bridge	3,750
77	19th	Royapettah Bazaar Road	Peter's Road	Police Station	573
78	19th	Royapettah Bazaar Road	Police Station	Mowbray's Road	1,200
79	19th	Mowbray's Road	Royapettah Bazaar Road	St. George Cathedral Road	1,643
80	19th	Mowbray's Road	Eldam's Road	St. George Cathedral Road	3,000
81	20th	The Road over Elphinstone Bridge	...	...	1,450

TABLE 15.—List of roads and streets reformed with *Velacheri granite* during 1912-13.

No.	Division.	Names of roads.	From	To	Length
			North Range.		
1	1st	Arathoon Road	Kalmantapam Road	Andiappa Gramany Street	1,830
2	5th	Odacal Street	Linghi Chetty Street	Moore Street	150
3	6th	Shunmugarayan Street	St. Xavier Street	Old Jail	2,100
4	8th	Aiyah Mudaly Street	Pallappen Street	North End	325
5	8th	Krishna Iyer Street	Govindappa Naik Street	End	440
6	8th	Chinna Naiyakaran Street	Mint Street	Veerappan Street	400
7	8th	Peria Naiyakaran Street	Mint Street	Veerappan Street	400
8	9th	Hanumantharayen Street	Mint Street	Edapaliam Street	600
9	9th	Edapalayam Street	Hanumantharayen Street	Wall Tax Road	450
10	9th	Pilliar Coil Street	East End	Wall Tax Road	340
11	9th	Nanniyan Street	Edapalayam Street	Wall Tax Road	160
12	9th	Singannan Street	Nanniyan Street	Elakandappan Street	360
13	9th	Elakandappan Street	Wall Tax Road	Singannan Street	150
14	9th	Bommu Chetty Street	Wall Tax Road	Bangaru Ammen Street	325
15	9th	Bangaru Ammen Street	Rasappa Chetty Street	Bommu Chetty Street	340
16	9th	Nyniappen Street	Rasappa Chetty Street	Arrack Godown Street	520
			South Range.		
17	11th	Saravana Perumal Mudaly Street	Audiappa Mudaly Street	Pursewalkum High Road	1,556
18	12th	Road around Moore Market			1,212
19	13th	Narayana Naik Street	Valayuda Chetty Street	Langs Garden Road	1134
20	13th	Meer Mahomed Alli Sahib Street	South Cooum Road	Chucklipaliam Street	600
21	13th	Iyaswami Pillay Street	Langs Garden Road	Harris Road	882
22	13th	Syfulmulk Street	Muniapillay Street	Transport Line Compound Wall	1132
23	13th	Lakshmi Narayana Perumal Coil Street	Egmore High Road	Poosala Gengu Reddy Road	290
24	14th	Chinna Kilpauk Street	Madavakum Tank Road	Burial Ground	2400
25	14th	Kelly's Road	Madavakum Tank Road	Ormes Road	1430
26	14th	Karikatha Coil Road	Mc Nicholas Road	End	240
27	14th	Karikatha Coil Road	Mc Nicholas Road	Second Lane	298
28	14th	Washerman Lane in Jaganathapuram			375
29	16th	Pumping Station Road	Napier Park Gate	Arunachella Naik Road	1286
30	16th	Dams Road	Harris Bridge	Swami Naik Road	1070
31	16th	Kalava Chetty Street	Iyah Mudaly Street	Guruvappa Chetty Street	1565
32	16th	Nainiappa Naik Street	Arunachella Naik Road	Guruvappa Chetty Street	785
33	16th	Guruvappa Chetty Street	Singanna Chetty Street	Cooum Road	1247
34	17th	Oil Monger Street	Chella Pilliar Coil Street	Pycrofts Road	700
35	17th	Chellapillar Coil Street	Pycrofts Road	Faker Sahib Street	1375
36	17th	Vallaba Agraharam Street	Triplicane High Road	Chinnathumby Mudaly Street	554
37	17th	Nagappa Iyer Street	Triplicane High Road	Kuppumuthu Mudaly Street	905
38	17th	Adams Road	Government House Gate	Marina	3745
39	17th	Thiruvatteeswaranpettah Road	Triplicane High Road	Veeraraghava Mudaly Street	584
40	17th	Thiruvatteeswaranpettah Road	Bells Road	Veeraraghava Mudaly Street	1076
41	17th	Sydojee Street	Veeraraghava Mudaly Street	Bells Road	615
42	17th	Mahomed Akbar Sahib Street	Pycrofts Road	Parthasarathy Naidu Street	927
43	17th	Sydojee Lane	Pycrofts Road	Sydojee Street	440
44	17th	Thandavaroya Mudaly Street	Sydojee Street	Parthasarathy Naidu Street	463
45	17th	Iyah Pillay Street	Sydojee Street	Parthasarathy Naidu Street	468
46	18th	Devaraja Mudaly Street	Triplicane High Road	The Temple	592

TABLE 15.—List of roads and streets reformed with *Velacheri granite* during 1912-13—(*Continued*).

No.	Division.	Names of roads.	From	To	Length.
47	18th	Sunkuvar Street ...	Venkatarangam Pillay Street ...	South Beach Road ...	852
48	18th	Madaveethy Street ...	Venkatarangam Pillay Street ...	Therady Street ...	450
49	18th	South Beach Road ...	Pycroft's Road ...	Ice House Road ...	2,800
50	19th	Ramp Road in Krishnampet Incinerator ...	...	...	402
51	19th	Edward Elliot's Road ...	Barbers Bridge Road ...	Royapettah High Road ...	2,593
52	19th	Edward Elliot's Road ...	Mowbray's Road ...	Royapettah High Road ...	2,391
53	19th	Muthu Mudaly Garden Street ...	Incinerator Ramp Road ...	Seaway Road ...	1,550
54	19th	South Beach Road ...	Ice House Road ...	Edward Elliot's Road ...	2,460
55	19th	Road in Cart Stand ...	Carneswarer Pagoda Road ...	The End ...	284
56	19th	Anthony Lane ...	Leward Street ...	Nallanna Mudaly Street ...	294
57	9th	Nallanna Mudaly Street ...	Peter's Road ...	Kalingaroya Mudaly Street ...	1,294
58	19th	Andi Street ...	Royapettah Bazaar Road ...	Nallanna Mudaly Street ...	383
59	19th	Ammayappa Mudaly Street ...	Royapettah Bazaar Road ...	Ammen Coil Street ...	975
60	19th	Leonard Street ...	Royapettah High Road ...	Iyemperumal Street ...	511
61	19th	Iyemperumal Street ...	Kalingaroya Mudaly Street ...	Nallanna Mudaly Street ...	630
62	19th	Nallanna Mudaly Lane ...	Iyemperumal Street ...	Anthony Lane ...	390
63	19th	Kalingaroyen Street ...	Iyemperumal Street ...	Royapettah High Road ...	510
64	19th	Iyah Mudaly Street ...	Ammen Coil Street ...	Anicha Pillay Street ...	276
65	19th	Oliver's Road ...	Luz Church Road ...	Veeraperumal Mudaly Street ...	2,315
66	20th	East Mada Street ...	North Mada Street ...	South Mada Street ...	750
67	20th	South Mada Street ...	East Mada Street ...	Brodie's Road ...	1,121
68	20th	Mathala Narayanan Street ...	East Mada Street ...	Kutcheri Road ...	300
69	20th	Kesava Perumal South Mada Street ...	Solaiyappa Mudaly Street ...	The Temple ...	420
70	20th	Kesava Perumal Southward Street ...	Mosque Street ...	Kesava Perumal East Ward Street ...	450
71	20th	Solaiyappa Mudaly Street ...	Chitra Kulam East Ward Street ...	Mandavally Street ...	730
72	20th	North Mada Street ...	East Mada Street ...	Brodie's Road ...	1,135
73	20th	Sengalineer Pilliar Coil Street ...	Kutcheri Road ...	North Mada Street ...	312

TABLE 15.—List of roads and streets reformed with *Laterite* during 1912-13.

No.	Division.	Names of road.	From	To	Length.
			North Range.		
1	1st	North Mada Church Road	West Mada Church Road	East Mada Church Road	550
2	1st	Andiappa Gramany Street	West Mada Church Road	Mannarswamy Coil Street	900
3	1st	East Mada Church Road	South Mada Church Road	North Mada Church Road	900
4	1st	Pathalavigneswarar Coil Street	Kalmantapam Road	Andiappa Gramany Street	1,850
5	1st	East Mada Church Road	West Mada Church Road	End	950
6	1st	Venkatachela Naiken Street	Kalmantapam Road	Mannarswamy Coil Street	1,300
7	1st	Muniappa Chetty Lane	East Mada Church Road	Round the Temple	300
8	1st	Mada Church Road	South Mada Church Road	North Railway Terminus	600
9	1st	Bazaar Street	West Mada Church Road	East Mada Church Road	450
10	1st	Mariadoss Mudaly Street	North Railway Terminus Road	South Mada Church Road	600
11	1st	Thandavamurthy Chetty Street	North Railway Terminus Road	East Mada Church Road	1,050
12	1st	Ghouse Mohideenpetta Road	Kalmantapam Road	North End	3,200
13	1st	Flag staff Street	Ghouse Mohideen Road	Suryanarayana Chetty Street	1,400
14	1st	Shaik Maistry Street	Kalmantapam Road	Flag Staff Street	2,100
15	1st	Andiappa Gramany Street	West Mada Church Road	Mannarswamy Coil Street	900
16	1st	East Mada Church Road	North Railway Terminus Road	South Mada Church Road	660
17	1st	South Mada Church Road	Thandavamurthy Chetty Street	West Mada Church Road	700
18	1st	Thandavamurthy Chetty Street	Ammen Coil Street	North Mada Church Road	320
19	1st	Ghouse Mohideenpettah Road	Kalmantapam Road	North End	3,200
20	1st	Flag staff Street	Ghouse Mohideen Road	Suryanarayana Chetty Street	1,400
21	1st	Shaik Maistry Street	Kalmantapam Road	Flag Staff Street	2,100
22	2nd	Narayanappa Naik Street	Monigar Choultry Road	East Cemetery Road	1,500
23	2nd	Nallappa Vathiar Street	Ramanujier Street	Narayanappa Naik Street	1,400
24	2nd	Soliappen Street	Ramanujier Street	Balu Mudaly Street	1,500
25	2nd	Soliappen Street	Valluvan Street	Ramanujier Street	400
26	2nd	Kalingaraya Mudaly Street	Narayanappa Naik Street	Cemetery Road	650
27	2nd	Perambalu Chetty Street	Narayanappa Naik Street	Ramanujier Street	1,250
28	2nd	Bala Arunachela Chetty Street	Gollavar Agraharam Road	Sreerangammal Street	750
29	2nd	Salaivinayagar Coil Street	Narayanappa Naik Street	Selvavinayagar Coil Temple	1,000
30	2nd	Narasier Street	Ramanujier Street	Narayanappa Naik Street	1,200
31	2nd	Sanjivirayen Coil Street	Ramanujier Street	Balu Mudaly Street	1,950
32	2nd	Sreerangammal Street	Ramanujier Street	Balu Mudaly Street	1,920
33	2nd	Kappal Polu Chetty Street	Bala Arunachela Chetty Street	Balu Mudaly Street	1,350
34	2nd	Yami Street	Valluvan Street	Narayanappa Naik Street	950
35	2nd	Adam Sahib Street	Kalmantapam Road	Cemetery Road	2,560
36	2nd	Road Leading from	Thiruvathiyur High Road	Thatchinamurthy Matam	650
37	2nd	Narayanappa Naiken Street	Monigar Choultry Road	East Cemetery Road	1,500
38	2nd	Nallappa Vathiar Street	Ramanujier Street	Narayanappa Naik Street	1,400
39	2nd	Soliappen Street	Balu Mudaly Street	Appasamy Pillay Lane	500
40	2nd	Soliappen Street	Valluvan Street	Ramanujier Street	400
41	2nd	Kalingaraya Mudaly Street	Narayanappa Naik Street	Cemetery Road	650
42	2nd	Perambalu Chetty Street	Narayanappa Naik Street	Ramanujier Street	1,250
43	2nd	Narasier Street	Ramanujier Street	Narayanappa Naik Street	1,200
44	2nd	Sreerangammal Street	Ramanujier Street	Balu Mudaly Street	1,920
45	2nd	Thiruvathiyur High Road	Washermen Burying Lane	Toll Gate	1,400
46	2nd	Sanjivirayen Coil Street	Ramanujier Street	Balu Mudaly Street	1,950
47	2nd	Kappal Polu Chetty Street	Bala Arunachela Chetty Street	Balu Mudaly Street	1,350

TABLE 15.—List of roads and streets reformed with *Laterite* during 1912-13.—(*Continued*).

No.	Division.	Names of roads.	From	To	Length.
48	2nd	Yami Street	Valluvan Street	Narayanappa Naik Street	950
49	2nd	Mannarswamy Coil Road	Kalmantapam Road	Cemetery Road	2,500
50	2nd	Suryanarayana Chetty Street	Kalmantapam Road	Kuppam Road	3,800
51	3rd	Vythinatha Mudaly Street	Thiruvathiyur High Road	Old Ennore Road	4,600
52	7th	Palayappan Street	Anakara Konan Street	Barracks Street	640
53	8th	Stratton Muthia Mudaly Street	Audiappa Naik Street	Anna Pillay Street	450
54	8th	Stratton Muthia Mudaly Street	Audiappa Naik Street	South End	600
55	9th	Ragunayakulu Street	Lukmudoss Street	Nyniappa Naik Street	760
56	9th	Ponnappen Lane	Badriah Garden Lane	Wall Tax Road	360
57	10th	Barracks Gate Lane		Barracks Gate Road	270
58	10th	Appasamy Pillay Street	Strahams Road	End	450
59	10th	Yakub Saib Garden Street	Strahams Road	End	430
60	10th	Parasurama Mudaly Street	Strahams Road	End	450
61	10th	Muniappa Naiken Street	Malapattadai Ponnappa Mudaly Street	End	2,675
62	10th	Balakrishna Mudaly Street	Murthingier Street	Oobrapalayam	746
63	18th	Krishna Doss Street	Cooks Road	End	2,125
64	10th	Nyniappen Street	DeMellow's Road	Strahams Road	300
65	10th	Kanda Pillay Street	Mathavaram Road	Muniappa Naik Street	1,510
66	10th	Road leading from Manaly Road	Manaly Road	Burial Ground	400
67	10th	Manaly Road	Erukanjery Road	Corporation Limit	3,000
68	10th	Muthu Mudaly Street	Erukanjery Road	Murthingier Street	800
69	10th	Expense Magazine Road	Erukanjery Road	Terminus at Erukanjeri	1,300
			South Range.		
70	11th	Edward Park Street	Padavattammen Coil Street	Venkatesa Naik Street	750
71	11th	Menaud's Lane	Purasawalkum High Road	Sundram Pillay Street	570
72	11th	Subramania Mudaly Street	Puraswalkum High Road	Sundram Pillay Lane	660
73	11th	Thirumalayappa Mudaly Street	Vedavinayagar Coil Road	Vakkakaran Street	525
74	11th	Pandaram Street	Purasawalkum High Road	Sundram Pillay Lane	555
75	11th	Sundram Pillay Street	Purasawalkum High Road	Northern End	1,264
76	11th	Sundram Pillay Lane	Menaud's Lane	Sundram Pillay Street	662
77	11th	Muthialu Naik Street	Candappa Mudaly High Road	Sundram Pillay Street	546
78	11th	Candappa Gramany Street	Candappa Mudaly High Road	Sundram Pillay Street	490
79	11th	Arasaff Inay Street	Candappa Mudaly High Road	Sundram Pillay Street	600
80	11th	Shunmugaroya Pillay Street	Brick Kiln Road	Sundram Pillay Street	744
81	11th	Avadhanam Paupier 1st Lane	Madurai Chetti Street	Avadanam Paupier Road	704
82	11th	Avadhanam Paupier 2nd Lane	Avadanam Paupier 1st Lane	Subba Naicker Street	500
83	11th	Ashtaboojam Lane	Ashtaboojam Road	Vijia Vigneswarar Coil Road	269
84	11th	Venkatesan Chetti Street	Vadamalai Pillay Street	The Northern End	342
85	11th	Yami Street	Vadamalai Pillay Street	The Northern End	320
86	11th	Kalathiappa Mudaly Street	Hunter's Road	Ruthers Lane	2,000
87	11th	Ponnan Street	Vadamalai Pillay Street	Northern End	200
88	11th	Enan Street	Vadamalai Pillay Street	The Northern End	600
89	11th	Grama Paracheri Street	Puraswalkum High Road	The Northern End	630
90	11th	Conjeevaram Moonusami Maistry Street	Ashtaboojam Road	The Southern End	320
91	11th	Thandavaraya Maistry Street	Candappa Mudaly High Road	The End	450
92	11th	Perumal Naick Street	Candappa Mudaly High Road	Sundaram Pillay Street	390
93	11th	Solaiyammen Koil Street	Candappa Mudaly High Road	Sundaram Pillay Street	540

TABLE 15—List of roads and streets reformed with *Laterite* during 1912-13.—*continued.*

No.	Division.	Names of roads.	From	To	Length.
94	12th	Venaitheertha Mudaly Street ...	Puraswaikum High Road ...	Pathala Ponniamman Coil Road ...	1,504
95	14th	Chinna Babu Street ...	Subbaroya Chetty 4th Lane ...	Ottavadai Street ...	1,215
96	14th	Subbaraya Chetty 2nd Lane ...	Connoor Road ...	Subbaraya Chetty Street ...	770
97	14th	Subbaraya Chetty Street ...	Ottavadai Street ...	Chinna Babu Street ...	1,380
98	14th	Subbaraya Chetty 4th Lane ...	Connoor Road ...	The Southern End ...	787
99	14th	Road leading to the Engine Shed in Brick Kiln Road	Rubbish Depot ...		340
100	14th	Ottavadai Street ...	Connoor Road ...	Madavakam Toll Gate ...	4,400

TABLE 15.—List of roads and streets repaired with *Gravel* during 1912-13.

Serial No.	Division.	Names of roads.	From	To	Length. ft.
			North Range.		
1	3rd	Shaniamman Coil Road ...	Tannery ...	Nagamani Garden ...	800
2	6th	Streets in Vasamedu Parcherry ...			1,680
					2,480
			South Range.		
			Nil.		
			List of roads and streets tarred during 1912-13.		
			North Range.		
1	4th	Fort Beach Road ...	South Sea Gate ...	Band Beach Road ...	1,950
2	5th	Popham's Broadway ...	China Bazaar Road ...	Lorie Square ...	980
3	9th	Moore Road ...	General Hospital Road ...	Fraser Bridge Road ...	2,050
4	9th	General Hospital Road ...	Mint Street ...	Bridge ...	1,000
5	9th	Evening Bazaar Road ...	Memorial Hall Road ...	Mint Street ...	772
6	9th	Mint Street ...	Memorial Hall Road ...	General Hospital Road ...	473
			South Range.		
7	17th	Mount Road ...	Messrs. P. Orr & Sons ...	Government House ...	730
8	17th	The Road over Napier Bridge ...			640
9	17th	Mount Road ...	Blackers Road ...	The Madras Stable Company ...	1200

TABLE No. 16.

Table showing the monthly rainfall and water level in the Red Hills Lake.

Month and Year.		Rainfall in Inches.	Tank water surface Average.	REMARKS.
April	1912 ...	Nil.	41·83	
May	" ...	"	40·16	
June	" ...	0·45	38·55	
July	" ...	3·81	37·18	These figures are according to the Government. P. W. D. datum, which differs from the Municipal datum.
August	" ..	8·71	36·80	
September	" ...	1·95	36·52	
October	" ...	12·01	37·52	
November	" ...	19·68	43·26	
December	" ...	0·20	44·58	
January	1913 ...	Nil.	43·97	
February	" ...	"	43·16	
March	" ...	"	43·00	

TABLE No. 17.

Statement showing the amount of water used for non-domestic purposes and billed for during the year 1912-1913 and the total collections of the year.

Period.		QUANTITY OF WATER USED DURING THE YEAR. Gallons.	Bills issued during the year.			Amount collected during the year.			Remarks.
			RS.	A.	P.	RS.	A.	P.	
March	1912	1,58,70,666	11,303	8	0				
April	"	1,23,74,666	9,280	14	0				
May	"	1,55,09,333	11,632	6	0				
June	"	1,39,21,333	10,441	6	0				
July	"	1,53,21,333	11,490	14	0				
August	"	1,35,16,000	10,137	0	0				
September	"	1,29,72,000	9,729	8	0				
October	"	1,22,69,333	9,202	6	0				
November	"	1,06,54,666	7,990	14	0				
December	"	1,10,61,333	8,295	12	0				
January	1913	91,58,666	6,869	6	0				
February	"	82,58,666	6,193	12	0				
March	"	51,04,000	3,828	0	0				
		15,59,91,995	1,16,995	10	0	† 1,18,649	0	11	
Deduct remission and refund.			489	12	0				
Balance ...		15,59,91,995	1,16,505	14	0	1,18,649	0	11	
Totals for 1911-1912.		15,27,23,995	1,14,254	2	0	1,21,362	6	0	

† Includes arrears of previous years collected during last year.

TABLE No. 18.

Table showing the Prosecutions instituted during the year 1912-1913.

Works and License Departments.

Sections.	Charges.	No. of Summons taken.	Convicted.	Acquitted.	Withdrawn.	Party not found.	Undisposed of.	Fines imposed. RS.	A.	P.
195, 198, 207, 221 and 319	Unlawful entry and prohibition against contamination of Water-supply ...	80	54	...	26	...	...	38	8	0
247 & 248	For encroachment or projection ...	1,414	54	4	935	153	268	114	8	0
249 (a & b)	For putting up verandahs, temporary pandals, etc. without sanction ...	6	1	1	4	...	...	1	0	0
252 & 253	For making holes and causing obstruction in street, etc. ...	40	2	...	32	3	3	0	10	0
262	For using inflammable materials for buildings ...	185	11	...	135	17	22	45	4	0
323	Dangerous trades ...	622	22	35	399	40	26	8	6	0
325	Combustible Depôts ...	354	14	2	306	29	3	5	12	0
264 to 271, 278 & 424	Constructing or reconstructing buildings without sanction ...	158	104	6	28	8	12	162	12	0
	Total ...	2,759	262	48	1,865	250	334	376	12	0

TABLE No. 19.

HEALTH DEPARTMENT.

Statement of prosecutions instituted during the year 1912-13.

Section or by-law.	Charge.	No. of prosecutions pending disposal on 31-3-1912.	No. instituted during the year.	Total.	No. convicted	Fines imposed Rs.	A.	P.	No. acquitted.	No. withdrawn.	No. in which parties were not found.	No. pending on 31-3-13.
221	For failure to obey requisition to maintain troughs and pipes for catching water, etc., from roof or other part of building ...	...	3	3	2	1	0	0	...	1	...	...
224	For failure to provide for latrines or to remove latrine to another site ...	6	243	249	121	114	0	0	9	85	2	32
245	For failure to obey requisition to metal, etc., private street ...	...	3	3	3	3	0	0	...	...	...	...
247	Projection and obstruction in streets ...	..	46	46	43	19	0	0	1	...	2	...
252	Unlawful making of hole or placing of obstruction in street ...	...	3	3	2	1	0	0	1	...	...	...
259	For failure to repair tanks, etc., dangerous to neighbourhood or to passengers ...	...	4	4	...	...	...	...	...	4	...	...
300	Keeping of filth for more than 24 hours ...	2	24	26	12	10	0	0	13	1	...	...
301	For failure to obey requisition to cleanse or close tank or well or other source of water used for drinking ...	1	82	83	20	20	0	0	...	59	1	3
302	For failure to repair well, etc., dangerous to health of neighbourhood or drain off stagnant water ...	2	113	115	50	65	12	0	...	51	3	11
303	For failure to repair stagnant pools, etc., dangerous to health of neighbourhood.	...	2	2	1	1	0	0	...	...	...	1
305	For failure to cleanse or secure untenanted buildings or lands ...	...	46	46	12	9	0	0	...	27	5	2
306	For failure to cleanse buildings ...	5	31	36	23	12	8	0	...	3	5	0
307	For failure to limewash buildings ...	1	157	158	44	21	8	0	...	108	4	2
308	For failure to take action with regard to insanitary buildings ...	11	1,531	1,542	654	496	0	0	89	660	57	82
309	For failure to render fit or vacate buildings unfit for human habitation ...	3	175	178	170	120	0	0	2	2	...	3
310	Allowing overcrowding in building after order to abate the same ...	...	91	91	76	70	0	0	...	...	15	...
311	Fishing in river or estuary after prohibition ...	8	86	94	48	30	4	0	2	...	41	3
312	For unlawful keeping of swine or animals so as to be a nuisance and feeding them with offensive matter ...	1	214	215	99	196	0	0	7	108	10	0
314	For using a place as a livery, backstable or cattleyard without license or contrary to license ...	35	783	818	213	762	1	0	9	536	28	32
316	Construction or maintenance of stables, cattleyard, etc., contrary to act or rules ...	3	16	19	12	34	0	0	...	5	2	...
317	For failure to remove carcases of animals ...	...	30	30	13	7	12	0	9	4	4	...
322 & 323	For carrying on offensive trade without license or contrary to license ...	22	428	450	92	74	8	0	...	291	45	22
328	For using a place as a bake house without license or contrary to license ...	2	182	184	29	99	8	0	4	139	9	3
...	For using a place as an aerated water factory without license or contrary to license											
330	Washing of clothes by Washermen at unauthorised places ...	...	10	10	7	13	0	0	1	2	...	...
334	For slaughtering animal without license ...	2	17	19	10	4	8	0	3	3	3	...
344	For keeping open private market without license ...	...	7	7	4	2	12	0	...	3	...	...
347	Failure to obey directions to construct approaches, drains etc., to private markets or to pave them ...	...	1	1	1	2	9	0	...	...	...	...
349	Breach of market regulations ...	...	9	9	9	11	8	0	...	...	...	...
350	For carrying on butcher's trade without license ...	...	95	95	9	7	8	0	...	80	6	...
351	For selling articles of food in prohibited places ..	3	186	189	145	73	4	3	...	15	28	1
366	Failure to remove patients suffering from dangerous diseases to Hospitals ...	...	4	4	4	12	8	0	...	...	...	...
367	Failure to disinfect buildings infected ...	1	1	2	...	...	...	...	...	2	...	...
389	For using or allowing to use an unregistered burial or burning ground ...	1	5	6	1	180	0	0	2	...	...	...
72 to 82	For failure to cleanse paddy boiling houses ...	1	...	1	...	...	...	...	...	...	1	...
123—130	Failure to convey meat in suitable vans ...	...	3	3	2	1	0	0	...	...	1	...
163—167	Breach of private regulations ...	...	96	96	66	31	10	0	...	20	10	...
168—177	Exposure., Prevention of sale of unwholesome articles of food ...	57	702	759	510	220	4	0	42	129	57	21
178—181	For the control of premises used for keeping cattle, etc. ...	1	28	29	26	18	0	0	1	1	1	...
193—200	Milch animal infected with contagious disease ...	2	18	20	8	5	4	0	1	1	10	...
216—224	Regulation of lodging houses ...	1	169	170	92	79	8	0	8	54	7	9
279	Excavating earth or sand for sale without sanction and thereby causing stagnation of water ...	...	1	1	...	...	...	...	...	1	...	...
	Total ...	171	5,645	5,816	2,627	2,830	15	3	201	2,401	357	227

TABLE No. 20.

Total of License fees recovered and the number of applications received and disposed of during the year 1912-13.

No. of applications received.	No. of refused, undisposed & arrear applications.	No. of Licenses granted.	Purpose.	License fee.		
				Rs.	A.	P.
20	...	20	Aerated water and Ice Factories ...	2,000	0	0
256	1	255	Bake Houses ...	1,855	0	0
4	...	4	Blasting powder ...	200	0	0
4	...	4	Bones ...	200	0	0
34	1	33	Brick and tile kilns ...	300	0	0
1991	430	1561	Construction or reconstruction of buildings and huts ...	4,454	0	0
152	...	152	Breaking or hammering iron and manufacturing vessels out of iron.	1,520	0	0
242	...	242	Beating metals or manufacturing vessels, utensils &c., with sheet metals ...	484	0	0
26	...	26	Candles ...	170	0	0
7	...	7	Carpet Factories ...	50	0	0
24	...	24	Cart-stands ...	697	8	0
26	...	26	Casting metals ...	250	0	0
1	...	1	Catgut ...	15	0	0
598	16	582	Cattle yards ...	3,700	8	0
71	...	71	Charcoal, coal or coke ...	935	0	0
14	...	14	Chemicals ...	350	0	0
54	...	54	Cloths manufacture in indigo or other colors ...	2,268	0	0
3	...	3	Cocoanut fibre ...	15	0	0
10	...	10	Condiment Factories ...	100	0	0
12	...	12	Cotton ...	380	0	0
3549	448	3101	Carried over ...	19,944	0	0

TABLE No. 20.—(*contd.*)

No. of applications received.	No. of refused, undisposed & arrear applications.	No. of Licenses granted.	Purpose.	License fee.		
				Rs.	A.	P.
3549	448	3101	Brought forward ...	19,944	0	0
58	...	58	Debentures registration ...	58	0	0
10	...	10	Dynamite ...	550	0	0
1	...	1	Erection of Steam producing or dangerous Machinery ...	100	0	0
2	...	2	Fat ...	30	0	0
954	...	954	Firewood ...	3,003	0	0
145	...	145	Fire works ...	479	0	0
10	...	10	Fish ...	30	0	0
19	...	19	Flour ...	90	0	0
6	...	6	Fulminate of Mercury ...	300	0	0
5	...	5	Gas ...	250	0	0
41	2	39	Gilding and Electroplating ...	200	0	0
85	...	85	Grave diggers ...	85	0	0
4	...	4	Gunpowder ...	400	0	0
167	...	167	Hack stables ...	676	0	0
5	...	5	Hair (souri) ...	25	0	0
6	...	6	Horns ...	300	0	0
1	...	1	Hemp ...	25	0	0
16	...	16	Iron-safe manufacturing ...	400	0	0
29	...	29	Lime ...	700	0	0
45	...	45	Markets (private) ...	3,725	0	0
1	...	1	Do (Advance payment for 1913—14) ...	25	0	0
250	...	250	Matches ...	1,017	0	0
19	1	18	Meat stalls—Outside Market ...	90	0	0
606	...	606	Obstruction, scaffolding &c., under sections 252 & 253 ...	2,233	0	0
38	...	38	Oil Petroleum under Municipal Act.	417	8	0
48	1	47	Do. Petroleum Act.	2,596	0	0
6120	452	5668	Carried over ...	37,748	8	0

TABLE No. 20—(*contd.*)

No. of applications received.	No. of refused, undisposed & arrear applications.	No. of Licenses granted.	Purpose.	License fee. Rs.	A.	P.
6120	452	5668	Brought forward ...	37,748	8	0
111	3	108	Oil-Mills and Presses ...	1,375	0	0
56	...	56	Oils of sorts ...	1,052	8	0
9	...	9	Oil-Boiling ...	50	0	0
1	...	1	Offal ...	50	0	0
495	9	486	Paddy Boiling ...	543	0	0
3576	6	3570	Pandals ...	7,769	6	0
1	...	1	Paper Factories ...	5	0	0
6	...	6	Pitch ...	150	0	0
39	...	39	Plumbers' Licenses ...	390	0	0
43	...	43	Pottery Kilns ...	215	0	0
133	...	133	Skins, Hides and Leather ...	5,530	0	0
21	...	21	Spirits and Turpentine ...	525	0	0
28	...	28	Straw, Dry Leaves &c. ...	190	0	0
3117	2	3115	Sunshades ...	5,004	0	0
3	...	3	Sulphur ...	75	0	0
2	...	2	Swine ...	6	0	0
9	...	9	Tar ...	225	0	0
145	...	145	Timber, Bamboos, Palmyra rafters etc. ...	5,935	0	0
4	...	4	Wool ...	200	0	0
246	8	238	Washing Soiled Clothes ...	Free		
498	...	498	Butchers' Licenses under Secs. 342 and 350.	Free		
			Fees collected through court ...	767	12	0
				67,806	2	0
			Less the amount refunded ...	107	0	0
14,663	480	14,183	Total ...	67,699	2	0
			Total of fees collected under "Licenses Registration &c." including Private markets and Cart-stands during the year 1911-12	62,518	1	0
			Do Do 1910-11	62,417	5	4
			Do Do 1909-10	58,459	4	3

TABLE No. 21.

HEALTH DEPARTMENT.

Statement of notices issued and disposed of during the year 1912-13.

Section or By-law.	Substance of Section or By-law.	No. pending on 31-3-12.	No. issued during the year 1912-13	Total.	No. complied with: Voluntarily.	No. complied with: By prosecution.	No. disposed of by transfer to W. D. for departmental execution and recovery of cost.	No. pending on 31-3-13.
218	Constructing and connecting a house drain with a public drain ...	18	40	58	26	1	14	17
221	Maintenance of troughs and pipes for catching and carrying the water from the roof and other parts of a building ...	6	16	22	21	166	14	1
224	Provision of latrines by owner or occupier ...	71	447	521	230	...	34	111
227	Control of the Corporation over house drains, privies and cesspools ...	93	279	372	307	...	...	21
239	Fencing of buildings or land ...	...	1	1	...	...	...	1
245	Levelling, paving, metalling, flagging, etc., at any private street or part thereof ...	...	5	5	1	4	...	...
259	Repair of tanks, wells, etc., dangerous to neighbourhood ...	7	79	86	6	12	1	12
300	Prohibition against accumulation of filth and allowing of sewage to flow in streets ...	64	352	416	305	61	3	47
301	Cleansing of insanitary private tank or well used for drinking ...	73	643	716	323	75	1	314
302	Do. fencing, repairing or filling up of insanitary tanks, wells, etc. ...	9	17	26	23	1	...	2
303	Do. stagnant pool, ditch, etc. ...	14	68	82	20	36	14	12
305	Do. of untenanted buildings or lands ...	7	244	251	201	26	...	24
306	Removal of filth or noxious vegetation ...	26	1146	1172	1573	79	...	26
307	Lime washing and cleansing of buildings ...	509	3283	3792	2070	1057	116	549
308	To set right insanitary buildings ...	157	199	356	180	119	...	57
309	Rendering buildings fit for human habitation ...	...	35	35	27	8	16	...
310	Abatement of overcrowding in dwelling house or place ...	9	15	24	16	...	...	1
315	Control over stables, cattle sheds and cow houses ...	10	2	2	2	...	...	1
316	Discontinuance of use of a building as a stable, etc. ...	...	103	106	105	1	...	...
366	Removal of patients suffering from dangerous diseases to hospitals ...	3	150	150	104	24	2	20
367	Disinfection of buildings and articles in infected premises ...	...	4	4	3	1	...	...
Sec. 347	By-laws for the regulation of lodging houses ...	...	...	...	...	...	...	...
	Total ...	1039	7139	8187	5099	1665	216	1206

TABLE No. 22

HEALTH DEPARTMENT.

List of damaged articles of food destroyed by the Food Inspector during the year 1912-1913.

Date of destruction.	Description of Article.	Name of owner or person in whose possession the article was found and the place where it was seized.	Whether destroyed under Sec. 355 or 356.	Remarks.
1-4-12	3 cases of condensed milk.	Owner :—Mr. Lewin, proprietor of the Madras Sales and Agency & Co. Found in the premises of the above Company in Singanna Naick Street 5th Division.	Section 355—with the consent of owner.	
4-4-12	96 big fish ...	Seized near Kathiwakam High Road from sellers of fish while on their way to Parcherry Market.	Do.	
5-4-12	177 big fish, one basket of big prawns and a small quantity of small prawns.	104 fish were seized at Korukupet Railway Station—66 fish at the cart-stand in Tiruvathiyur High Road—and 7 fish and prawns near Washermanpet burial ground from sellers of fish.	Do.	
9-4-12	5 baskets of small prawns.	Seized at Tiruvathiyur Toll Gate from a fish jutka.	Do.	
10-4-12	15 big fish and a small quantity of prawns.	Seized at Tiruvathiyur Toll Gate from fish jutka	Do.	
11-4-12	2 baskets of prawns and 1 big fish.	Seized at Tiruvathiyur Toll Gate from fish jutkas.	Section 355—with the consent of owners.	
13-4-12	12 big fish ...	Seized at Korukupet Railway Station from sellers of fish.	Do	
14-4-12	37 big fish ...	Seized at Central Station from fish sellers.	Do	
24-5-12	10 mangoes (fruits) ...	Seized from a hawker in the Guzili Bazaar of the Moore Market.	Do	
4-6-12	16 bags of black gram ...	Found in the Spring Haven Shed, Port Trust premises Jaun Hassam Sait, owner.	Section 356 (2) (b) under Magistrate's order.	Cost of destruction Rs. 7-2-11 recovered from the consignee.
...	1 parcel containing 17 tins of bacon ; 21 baskets of Malasses ; 1 case Sugar Samples ...	Found in the Custom House premises in the possession of the Custom House authorities.	Section 355—with the consent of owners.	Was inspected on 4-6-12. Destroyed by the Custom House authorities at our request.
3-7-12	8 tins of condensed milk.	Found in the Custom House premises in the possession of the Custom House authorities.	Section 355—with the consent of owners.	Was inspected on 1-7-12 and destroyed by the Custom House authorities at our request.
5-7-12	3 baskets of rotten onions.	Found exposed for sale in front of DeMellow's Road Market, 10th Div., Owners : Andalammall and Muniammall.	Do	
6-7-12	4 bags of rotten potatoes.	Found in No. 40, Malaiperumal Street, 6th Division. Owner: B. Jagannatham Naidu.	Do	

TABLE No. 22—(*Contd.*)

List of damaged articles of Food destroyed by the Food Inspector during the year 1912-1913—Continued

Date of destruction.	Description of Article.	Name of owner or person in whose possession the article was found and the place where it was seized.	Whether destroyed under Sec. 355 or 356.	Remarks.
6-7-12	2 bags of rotten potatoes.	Owners: A. P. Gopalappa & Son. Found in their godown in Uthandi Street, 6th Division.	Section 355—with the consent of owners.	
7-7-12	1 bag of rotten potatoes.	Found in No. 40, Malaiperumal Street, 6th Division. Owner :—B. Jagannatham Naidu.	Do	
7-7-12	1 bag of rotten potatoes ...	Owners: A. P. Gopalappa & Son. Found in their godown in Uthandi Street, 6th Division.	Do	
9-7-12	1 cartload of rotten onions.	Found in Kotwal Market.	Do	
10-7-12	123 mangoes and 62 oranges. ...	Found in the fruit bazaars in China Bazaar Road.	Do	
11-7-12	2 baskets of rotten potatoes ...	Owner: B. Jagannathan Naidu. Found in No. 40, Malaiperumal Street, 6th Division	Do	
	1 basket of oranges ...	From a Pariah woman in the same Premises		
	1 basket of Mangoes ...	Kotwal Market ...		
	1 basket of oranges and pears.	Sabhapathi Mudali, 34, Guruvappan Street, 6th Division.		
12-7-12	15 mangoes ...	DeMellow's Road Market	Do	
	81 Mangoes	Fruit bazaars in China Bazaar Road		
	7 Mangoes	Jandra Pilliar Covil Street, 2nd Division.		
13-7-12	1 basket of potatoes	B. Jagannatham Naidu, No. 40, Malaiperumal Street, 6th Division.	Do	
	1 basket of onions	Kotwal Market ...		
	1 basket of potatoes	A. P. Gopalappa & Son, Uthandi Street, 6th Division.		
	5 mangoes	Anna Pillai Street		
	5 mangoes	Kotwal Market		
15-7-12	187 mangoes ...	T. N. Desikachari. Found in his godown in Uthandi Street, 6th Division.	Do	
	72 pears ...	B. J. Balaram Prasad. Found in his godown in Uthandi Street, 6th Division.		
	400 mangoes	Sabhapathi Mudali Found in his godown in Guruvappan Street, 6th Division.		
	30 oranges and 20 mangoes.	Parthasarathy Naidu. Found in his godown in Guruvappan Street, 6th Division.		

TABLE No. 22—(*Contd.*)

List of damaged articles of Food destroyed by the Food Inspector during the year 1912-1913—Continued

Date of destruction.	Description of Article.	Name of owner or person in whose possession the article was found and the place where it was seized.	Whether destroyed under Sec. 355 or 556.	Remarks.
17-7-12	1 basket of potatoes ...	B. Jagannatham Naidu, No. 40, Malaiperumal Street, 6th Division.	Section 355—with the consent of owners.	
	52 Oranges	Sabhapathi Mudali. Found in his godown i. Guruvappan Street.		
18-7-12	565 mangoes ...	Kotwal Market ...	Do	
	1 basket of potatoes ...	B. Jagannatham Naidu, No. 40, Malaiperumal Street, 6th Division.		
	65 pears ...	Seized from street side vendors in Wall Tax Road.		
20-7-12	11 pears, 5 mangoes and 1 orange.	Kotwal Market ...	Do	
22-7-12	21 oranges and 4 pears ...	Moore Market ...	Do	
	29 mangoes ...	Kotwal Market ...		
25-7-12	12 oranges and 5 pears ...	Seized from street side vendors in Wall Tax Road.	Do	
30-7-12	35 oranges and 20 mangoes.	Mannarswami Coil Street Market, 2nd Division.	Do	
1-8-12	1 big fish ...	Seized from a fish jutka in Tiruvattiyur High Road.	Do	
3-8-12	30 mangoes and 65 oranges amounting to one basketful and 2 baskets of oranges.	From the fruit godowns in Guruvappan Street, 6th Division.	Do	
6-8-12	1 basket of rotten mangoes and apples, 15 plantains and 3 mangoes ...	Found in the Fruit Bazaars in China Bazaar Road.	Section 355—with the consent of owners.	
8-8-12	7 mangoes ...	From a street side vendor in Anna Pillai Street.	Do	
9-8-12	7 bottles of Horlick's malted milk and 4 tins of condensed milk.	T. Ethiraja Mudali, No. 71, Pycroft's Road, 18th Division.	Do	
10-8-12	6 one lb. tins and 2 two lb. tins of German biscuit.	Do	Do	
15-8-12	50 rotten apples ...	Parthasarathi Naidu, Found in his godown in Guruvappan Street, 6th Do,	Do	
	1 basket of potatoes ...	A. P Gopalappa & Son. Found in their Godown in Uthandi Street.		
	606 mangoes ...	Kotwal Market.		
16-8-12	20 bags of wheat sooji and 9 bags of wheat flour.	Found in the Spring Haven Shed, Port Trust Premises. T. Narayanaswami Naicker, Consignee of 8 bags of sooji and 2 bags of flour. T. Gerusawami Chetty & Brothers, Consignees of the remaining 12 bags of sooji & 7 bags of flour.	Section 256 (2) (*b*) under the orders of Magistrate.	Cost of destruction Rs. 1-8-2 and Rs. 2-4-3 recovered from the consignee
20-8-12	24 bags of Bengal gram ...	Found in the Spring Haven Shed, Port Trust premises. Kalichar v. Ram Woodit Narayan Ram—consignee.	Section 356 (2) (*b*)—under Magistrate's orders.	Cost of destruction Rs. 3-0-4 recovered from the consignees
3-9-12	6 pears and 2 oranges ...	Found in a fruit bazaar in China Bazaar Road.	Section 355—with the consent of owner.	

TABLE No. 22—(*Contd.*)

List of damaged articles of Food destroyed by the Food Inspector during the year 1912-1913—Continued.

Date of destruction.	Description of Article.	Name of owner or person in whose possession the article was found and the place where it was seized.	Whether destroyed under Sec. 355 or 356.	Remarks.
4-9-12	12 baskets of rotten potatoes.	B. Jagannatham Naidu, 40, Malaiperumal Street, 6th Division.	Section, 355—with the consent of owners.	
	3 heaps of rotten potatoes (½ Trolly load (*i.e.*) one rubbish cart load).	B. Jagannatham Naidu, 3/12, Chinnathambi Street, 6th Division.		
5-9-12	2 heaps of rotten potatoes one box-cart load.	B. Jagannatham Naidu, 3/42 Chinnathambi Street, 6th Division.	Do	
6-9-12	Salmons—13 tins Cod Roes tins Herrings in Tomato Sauce 1 tin.	Found in the Custom House premises in the possession of the Custom House authorities.	Do	Was inspected on 3-9-12. Destroyed by the Custom House authorities at our request 6-9-12
7-9-12	2 heaps of rotten potatoes (½ box cart load) ...	B. Jagannatham Naidu 3/12, Chinnathambi St. 6th Division.	Do	
9-9-12	1 basket of rotten potatoes.	Kotwal Market.	Do	
18-9-12	one rubbish cart load of rotten potatoes ...	B. Jagannatham Naidu 3/42 Chinnathambi Street, 6th Division.	Do	
24-9-12	½ box cart load of rotten potatoes ...	Do	Do	
27-9-12	4 baskets of rotten potatoes ...	A. P. Gopalappa & Sons Found in their godown in Uthandi Street, 6th Division.	Do	
	4 baskets of rotten potatoes.	B. Jagannatham Naidu, 40, Malaiperumal Street 6th Division.		
	1 rubbish cart load of rotten potatoes ...	B. Jagannatham Naidu 3/42, Chinnathambi Street 6th Division.		
30-9-12	1 rubbish cart load of rotten potatoes ...	Do	Do	
1-10-12	1 box cart load of rotten potatoes.	B. Jagannatham Naidu Found in a godown in Cundappa Chetty Street, 6th Division.	Do	
1-10-12	2 bags of deteriorated Bengal gram.	Found in the Spring Haven, Port Trust premises, in the possession of the Port Trust authorities.	Do	
5-10-12	1 box cart load of rotten patatoes.	B. Jagannatham Naidu, 40, Malaiperumal Street, 6th Division.	Do	
	1 rubbish cart load of rotten potatoes.	B. Jagannatham Naidu, 3/42, Chinnathambi Street, 6th Division.		
22-10-12	1 rubbish cart load of rotten onions and 1 box cart load of rotten potatoes.	B. Jagannatham Naidu, 3/42, Chinnathambi Street.	Do	
25-10-12	1 cart load of fruits ...	Sabhapathi Mudali Found in his godown in Guruappan Street, 6th Division.	Do	

TABLE No. 22—(*Contd.*)

List of damaged articles of Food destroyed by the Food Inspector during the year 1912-1913—Continued.

Date of destruction.	Description of Article.	Name of owner or person in whose possession the article was found and the place where it was seized.	Whether destroyed under Sec 355 or 356.	Remarks.
25-10-12	3 baskets of rotten potatoes and 1½ cart loads of rotten onions.	From 3 godowns in Malaiperumal Street, 6th Division.	Section 355—with the consent of owners.	
26-10-12	2 cart loads of rotten onions.	B. Jagannatham Naidu, 3/42, Chinnathambi Street, 6th Division.	Do	
30-10-12	1 cart load of rotten onions and 3 baskets of potatoes.	B. Jagannatham Naidu, 40, Malaiperumal Street, 6th Division.		
	½ box cartload of potatoes and ¼ cart load of onions.	A. P. Gopalappa & Son. Found in their godown in Uthandi Street, 6th Division.	Do	
	½ cart load of onions.	B. Jagannatham Naidu, 3/42, Chinnathambi St.		
31-10-12	1½ bags of rotten potatoes and some quantity of rotten onions, both amounting to a cartload.	Potatoes from B. Jagannatham Naidu, 40, Malaiperumal Street, and onions from Pulliah's godown in the above Street.	Do	
—	Fruits (dates)—1 case containing 8 packets Fruits (Dessert greengages)-1 case containing 15 tins.	Found in the Custom House premises in the possession of the Custom House authorities.	Do	Was inspected on 4-11-12. Destroyed by the Custom House authorities at our request.
	Fruits—2 cases containing 6 dozen bottles of assorted fruits. Provisions—(Luscious muscatels)—1 case containing 15 packets condensed milk—4 tins.			
6-11-12	32 bags of gingelly seeds.	Found in Royapuram Goods Shed. Gudivada Narayana Chetty & Co., Consignees.	Section 356—under Magistrate's orders.	Cost of destruction Rs. 3-12-6 paid by the Railway authorities.
25-11-12	10 bags of black gram ...	Found in a godown in Anna Pillai Street, 8th Division Bommi Chetty Sreeramulu Chetty, owner, Nookala Veeraraghava Chetty, owner's Agent.	Section 355—with the consent of owner.	Cost of destruction Rs. 1-8-2 recovered from owner.
26-11-12	One big basket of rotten oranges.	Sabhapathi Mudali Found in his godown in Guruvappan Street.	Do	
—	Sultanas 1 case ...	Found in the Custom House premises in the possession of the Custom House authorities.	Do	Was inspected on 29-11-12. Destroyed by the Custom House authorities at our request.
—	3 cases of condensed milk.	Do	Do	Do.
30-11-12	One box cart load of rotten onions.	P. K. O. Avula Thimmanna & Co., owners No. 13, Chinnathambi Street, 6th Division.	Do	
9-12-12	12 bags of mildewed tamarind.	No. 139, Anna Pillai Street Owners.—C. Murugappa Chetty.	Do	Cost of destruction of 24 bags (*viz.*,) Rs. 3-12-2 recovered from the owner.
10-12-12	12 bags of mildewed tamarind.	Do	Do	

TABLE No. 22—(*Concluded.*)

List of damaged articles of Food destroyed by the Food Inspector during the year 1912-1913—Continued.

Date of destruction.	Description of Article.	Name of owner or person in whose possession the article was found and the place where it was seized.	Whether destroyed under Sec. 355 or 356.	Remarks.
18-12-12	97 oranges ...	Seized from Street side vendors in Wall Tax Road.	Section 355 with the consent of owners.	
19-12-12	20 oranges ...	Do	Do	
23-12-12	1 basket of fruits (oranges and a few apples).	From one of the fruit godowns in Guruvappan Street, 6th Division.	Do	
	1 basket of onions ...	Ketwal Market.		
2-1-13	2 salt fish ...	Found in a salt fish godown in Wall Tax Road.	Do	
	15 oranges ...	Seized from a street side vendor near Salt Cotaurs		
...	7 cases of condensed milk.	Found in the Custom House premises in the possession of the Custom House authorities.	Do	Was inspected on 6-1-13. Destroyed by the Custom House authorities at our request.
10-1-13	1 cart load of rotten oranges.	Sabhapathi Mudali Found in his godown in Guruvappan Street.	Do	
10-1-13	16 rotten oranges ...	Seized from a street side vendor near Salt Cotaurs		
	8 custard apples ...	Do-near WallTax Road	Do	
	8 custard apples ...	Do near Salt Cotaurs		
	30 oranges ...	Do near Elephant Gate Bridge		
20-1-13	36 tins of condensed milk.	Memorial Hall Street, Owner, K. Theagaraya Chetty No. 4, Memorial Hall Street.	Do	
22-1-13	2 baskets of rotten potatoes.	B. Jagannatham Naidu, 40, Malaiperumal Street.	Do	
	1 Night-soil cart load of custard apples.	Parthasarathi Naidu, Found in his godown in Guruvappan Street.		
31-1-13	10 bags of peas and 3 bags of Bengal gram.	Found in the Spring Haven Shed, Port Trust premises, under the custody of Messrs. Wilson & Co.	Section 356 under Magistrate's orders.	Cost of destruction Rs. 1-8-2 recovered from Messrs. Wilson & Co.
1-2-13	256 rotten oranges 37 oranges.	Seized from street side vendors near Salt Cotaurs.	Do	
	84 oranges. 110 oranges.	Near Elephant Gate bridge, seized from street side vendors.		
...	1 case of condensed milk.	Found in the Custom House premises in the possession of the Custom House authorities.	Do	Inspected on 3-2-13. Destroyed by the Custom House authorities at our request.
13-2-13	59 rotten oranges	From street side vendors in Wall Tax Road.	Do	
	25 rotten oranges.	From street side vendors near Salt Cotaurs.		
...	1 case condensed milk	Found in the Custom House premises in the possession of the Custom House authorities.	Do	Inspected on 4-3-13 Destroyed by the Custom House authorities at our request.

TABLE No. 23.

Statement showing the savings effected by the introduction of small incinerators in the City for the year 1912-13.

Particulars.	Budget Grant.			Actual Expenditure.			Savings.			REMARKS.
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Maintenance of bullocks.	2,34,582	0	0	1,88,219	7	1	46,362	8	11	
Recurring savings by the reduction of 68 box carts.							26,928	0	0	During the year under report additional provision was made for 4 carts.
Recurring saving by the reduction of 26 rubbish cart and trollies.							11,352	0	0	Additional provision was made for 7 R.C. and 1 trolly.
Reduction in the usual provision for purchase of bullocks.							5,000	0	0	
Cost of reclamation works.							10,870	4	10	
Total savings.							1,00,512	13	9	
Deduct amount spent for working of small incinerators.							9,818	2	5	
Net savings.							90,694	11	4	

TABLE No. 24.

List of Reclamation Works.

No.	Places.	REMARKS.
1	The low land and tanks in Suryanarayana Chetty Street, 1st Division ...	Completed and the land handed over to Collector of Madras for Police lines.
2	* Low land in Palmyra Kuppam behind the District Surgeon's quarters ...	In progress.
3	The low land and tank in N. N. Garden, II Division ...	Completed.
4	The tanks in Free Church Mission Hospital Compound ...	Nearly completed.
5	Swampy land in Reliance Foundry ...	Completed.
6	Government Salt and Abkari Depot Lascar's lines ...	Do.
7	* A tank in Padavatta Amman Kovil Street ...	Do.
8	The low land South of Basin Road incinerator ...	Almost completed.
9	* Low land and tank in Yacoob Sahib Garden, X Division...	In progress.
10	A tank in Sydenham's garden ...	Completed
11	Koravankulam and adjoining low land ...	Nearly completed.
12	* Low land in Hospital Maidan ...	In progress.
13	* Tank in Hanumantharoyan Street ...	Do.
14	* Tank belonging to Angalamman Kovil ...	Do.
15	Tank in Saravana Perumal Street ..	Do.
16	Low land in Egmore Parchery ...	Almost completed.
17	The tank behind the new Municipal Office, Peoples' Park ...	Three fifth completed.
18	Low land in Chetput Dhobikhana ...	Completed.
19	Low land in Azizee Mulk Parchery ..	In progress.
20	Tank in the Muhammadan Burial Ground, Kistnampet ...	Do.
21	*Cochrane Basin Road low land ...	Do.
22	Tank in Padaritottam Ellapada Mada Kovil Road ...	Almost completed.
23	Tank in Mandavalli ...	Do.
24	* A tank in Major Elliot's Bungalow, Marshall's Road, Egmore ...	Completed.
25	* Low land south of Lloyd's Road, Kistnampet ...	Almost completed.
	N. B.—Items marked with an asterisk denote the works undertaken during the year under review ...	

TABLE No. 25.

People's Park.—Statement of receipts and disbursements for the year 1912-1913.

Disbursements.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P.
Establishment ...	4,004	8	3	Sale proceeds of hay and grass...	1,493	14	5
	5	7	0	Payment by Contractor for menagerie collection ...	4,931	15	0
Allowance ...	4,009	15	3				
Labour.							
Gardeners etc. ...	2,762	4	6	Miscellaneous ...	936	11	0
Cost of food for animals etc. ...	36	0	0				
Feeding animals and birds ...	9,936	5	5		7,362	8	5
Purchasing do ...	850	13	6				
Other charges. ...							
Clothing for sergeants and peons.	100	0	6	Government grant for the upkeep of the zoological collections ...	2,000	0	0
Weeding and cutting grass ...	584	0	3				
Sundries etc. ...	599	6	10				
Repairing gravel walks ...	55	12	5				
Do bandstand seats ...	78	7	5		9,362	8	5
Purchasing tubs, manure etc. ...	391	1	8				
Improving and covering foliage shed ...	334	0	9				
Constructing masonry stand ...	138	6	2				
General repairs to cages ...	2,444	11	0				
Stationery ...	24	13	6				
Printing ...	25	15	6				
Advertisement ...	17	12	0				
Fee for band ...	960	0	0				
Trolly adjustment ...	131	5	2	Met from the Corporation funds	14,176	7	7
	19,471	4	7				
Tools and Plant ...	57	12	2				
Total...	23,539	0	0	Total...	23,539	0	0

TABLE No. 26.

Napier Park.—Statement of receipts and disbursements for the year 1912-1913.

Disbursements.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P.
Establishment	541	9	1				
Allowance	120	0	0	Sale proceeds of hay and grass...	77	0	0
				Miscellaneous	34	5	0
	661	9	1		111	5	0
Labour.							
Gardeners	578	10	7				
Clothing for peos	30	8	5				
Contingencies	26	11	3				
Printing	0	12	0				
	636	10	3				
Tools and Plant	...	...	...	Met from the Corporation funds.	1,186	14	4
Total ...	1,298	3	4	Total ...	1,298	3	4

TABLE No. 27.

Robinson Park.—Statement of receipts and disbursements for the year 1912-13.

Disbursements.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P.
Establishment ...	1,009	9	0	Sale of grass &c. ...	450	0	3
				Met from the funds of the Corporation ...	9,664	7	4
Labour.							
Gardeners &c. ...	2,124	1	8				
Engine driver and lascar ...	56	2	6				
Stationery ...	11	0	8				
Printing ...	4	8	2				
urchase of tubs, manure &c. ...	190	7	0				
Clothing for peons ...	13	3	2				
Fee for playing band ...	510	0	0				
Oil for lighting ...	16	1	6				
Purchasing wire fencing ...	317	12	11				
Renewing coir matting and other improvements ...	491	8	8				
Repairing lanterns ...	12	4	1				
For sinking wells and constructing store rooms ...	3,483	13	2				
Repairing foliage shed ...	532	10	1				
Do garden seats ...	36	1	10				
	7,799	12	3				
Tools and Plant ...	1,305	2	4				
Total ...	10,114	7	7	Total ...	10,114	7	7

TABLE No. 28.

Loane Square.—Statement of receipts and disbursements for the year 1912-1913.

Disbursements.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P.
Allowance ...	60	0	0	Met from the funds of the Corporation ...	1,393	15	2
Labour ...	166	13	11				
Wooden platform ...	131	0	3				
Fees for playing band ...	995	0	0				
White-washing and painting ...	41	1	0				
Total ...	1,393	15	2	Total ...	1,393	15	2

TABLE 29.

The following statement exhibits the result of the elections in 1912-13 to fill vacancies among divisional Commissioners.

Division.	Date of Election.	Date when Gazetted	Name of Candidate duly elected.
14	15-3-13	8-4-1913	Surgeon-Major F. Clarence Smith, I. M. S. (*Retired.*)
16	26-9-12	8-10-1912	M. R. Ry. G. R. Authikesavulu Nayudu Garu.

TABLE No. 30.

CORPORATION WORKSHOPS

Statement showing the number and cost of works executed during 1912-13

	No.	Cost.		
		Rs.	A.	P.
I. Departmental Works ...	4,590	1,37,313	9	9
II. Private Works ...	49	4,602	9	6
III. Foreign or Advances Recoverable Works ...	40	279	12	1
Total ...	4,679	1,42,195	15	4
New Works ...	453			
Repairs ...	4,226			

TABLE No. 31.

CORPORATION WORKSHOPS.

Statement showing some of the more important works done during 1912-13.

Particulars.	Estimated Cost.	Expenditure during the year.
	Rs.	Rs.
1. Constructing wire fences in place of existing wire fences along Moore's Road	2,145	448
2. Constructing a Steam Road Roller Shed with weigh bridge at DeMellow's Road Pumping Station	3,000	1,397
3. Do at Gram Depot near Workshop ...	2,000	998
4. Do at Brick-kiln Road Rubbish Depot.	3,100	1,151
5. Do Mylapore Pumping Station ...	3,100	1,189
6. Manufacturing two 800 gallons tanks with manhole on the top and supplying old 600 gallons tank of water cart and laying pipe fittings for the tank and sinking well and fixing motor driven pump &c. at Royapettah Hospital	2,600	800
7. Manufacturing 2 iron fixed Screens for Delivery Channel.	1,240	1,025
8. Manufacturing and supplying furniture for the use of Isolation Hospital at Krishnampet	1,350	564
9. Constructing masonry storm water drain of 542′ in length and covering the same with concrete blocks in Mount Road, opposite to Stable Company	7,000	3,809
10. Manufacturing 1000 cast iron manhole foot irons for Special Works Department	845	640
11. Manufacturing 20 iron extra watering carts for Works Department	2,260	500
12. Manufacturing 10 night soil Carts for E. Depot ...	1,010	1,007
13. Manufacturing 40 night soil cylindrical carts for Health Department	5,700	4,900
14. Constructing a tar godown 60′ × 16′ with corrugated iron sheets by raising the existing masonry wall by 1½′ and with cement floor sloped to a drain with a pit at the Corporation Stores for storing tar	865	865

TABLE No. 32.

CORPORATION WORKSHOPS.

Statement showing the number and description of carts, buckets, dust bins, &c. manufactured during 1912-13.

Description.	No.
Box carts, wooden, new pattern ...	3
Night soil carts, iron ...	10
Night soil Buckets, with covers, iron ...	79
Night soil cylindrical carts, iron ...	41
Hand carts, with buckets, iron ...	8
Do. without buckets, iron ...	9
Do. wooden ...	18
Barrel carts ...	2
Four-wheeled cart, wooden ...	1
Night soil pails, iron ...	10
Lorry ...	1
Dust bins, large, corrugated iron ...	250
Do. small, do ...	467
Do. fly proof, iron ...	85
Coal carts, iron ...	2
Watering carts, iron ...	21
Wheel Barrows, iron ...	5
Foot steps, iron ...	1,000
Circular Manhole covers 18", closed pattern ...	250
Silt Catcher buckets, iron ...	100

TABLE No. 33.

CORPORATION WORKSHOPS.

Statement of new machinery purchased during 1912-13.

Description of Machine.	No.	Value.
		Rs.
1. Radial Drilling Machine ...	1	1,500
2. Power Twist Drill Grinding Machine ...	1	250
3. Power Saw Sharpening Machine ...	1	362
Total ...	3	2,112

OFFICE OF THE INSPECTOR OF SCHOOLS.
FOURTH CIRCLE, MADRAS,
Dated 16th May 1913.

Dis. No. 10M. of 1913

From

M. R. RY., RAO BAHADUR A. C. PRANATARTIHARA AIYAR AVL., B.A.,
Inspector of Schools, IVth Circle,
MADRAS.

To

THE PRESIDENT,
Municipal Corporation,
MADRAS

Sir,

As desired by the Director of Public Instruction, I have the honour to furnish the report, requested by you in your letter to him R. O. G. D. C. No. 430 dated 3rd April 1913, on the working of the schools aided and maintained by the Madras Corporation during the official year 1912-13.

2. *Number and strength of Corporation schools.*—Three elementary schools were opened by the Corporation during the year, *viz.*, those at Vallabha Agraharam (Triplicane), Periamet and Sanjivarayanpet. Of these, the first two were opened in buildings already constructed and furnished for them by the Corporation and the last in a rented house pending the construction of its own building. The Vallabha Agraharam school, as the first school opened under the new scheme had the honour of being formally opened again by His Excellency the Governor early in the current year; and the Periamet school had also the honour of a visit by His Excellency.

3. Including the already existing school at Chetput, the total number of schools maintained by the Corporation was thus four and their strength and average attendance was as shown below :—

Name of school.	Date of opening.	Number of standards.	Number on rolls. Boys.	Number on rolls. Girls.	Average attendance. Boys.	Average attendance. Girls.
1. Corporation School. CHETPUT	already existing.	Infant to Fourth.	162	40=202	117—29=146	
2. do Vallabha Agraharam	4-2-1913		158	53=211	132—39=171	
3. do Periamet	7-2-1913		92	50=142	65—33= 98	
4. do Sanjivarayanpet	25-2-1913		131	9=140	120— 6=126	
		TOTAL ...	543	152=695		

Of these 695 pupils, 247 were panchamas mostly attending the Chetput and Periamet Schools and the rest belonged to the other classes of the community.

4. *Accommodation and equipment.*—The Chetput School required extension of accommodation. The Vallabha Agraharam School was full soon after the opening and further admissions had to be stopped. To meet the demand in this locality, another Corporation school is necessary.

The equipment was satisfactory and up-to-date.

5. *Staff.*—There were 26 teachers altogether employed in these 4 schools, including an instructor in manual training attached to each school. They were all trained except two whose employment was necessary, as they had to be taken over with their schools. They, nevertheless, possessed experience and were competent for their work.

6. *Instruction.*—The scheme of studies for elementary schools published by the Department was followed; and to enable the teachers to work it up efficiently, they were required to attend the popular lectures in scientific and other subjects arranged by the Elementary Section of the Madras Teachers' Guild.

7. *Museum, school-garden and play ground.*—There was the nucleus of a museum formed at each school which required development. There was some play-ground attached to each of the Corporation school-houses; and at Chetput and Vallabha Agraharam a fairly good school-garden had been raised.

8. *Finance.*—I am not in possession of all particulars to report under this head.

9. *Schools aided from the Corporation funds.*—There were no such schools, the Corporation having been relieved by Government of all liability for grants-in-aid.

10. *General remarks.*—The four schools newly opened represent the first sods turned by the Corporation in the field of Elementry Education in Madras. The success which has attended them, within such short time as two months, shews the great demand there is in the City for elementary education, cheap enough to be within the reach of the poorer classes and at the same time efficient. It is this demand that the new scheme for the improvement of the elementary education in Madras, which the Corporation has adopted, is intended to meet. This scheme, it will be remembered, provides for the construction of 40 school-houses by the Corporation and the maintenance of as many schools in them. The work has been spread over a period of ten years of which two years have already elapsed. Our experiences so far only show that it is too long a period as it is and that it is very desirable to complete it within much shorter time.

I have the honour to be,
Sir,
Your most obedient servant,

A. C. PRANATARTIHARA AIYAR,
Inspector of Schools,
IVth Circle.

Statement No. I relating to general statistics in educational institutions in the area under the control of the Corporation of Madras.

Institutions.	1912.			1913.			Total population of school age.		Remarks.
	Number of Schools.	No. of pupils on 31st March.		Number of Schools.	No. of pupils on 31st March.				
		Boys.	Girls.		Boys.	Girls.	Boys.	Girls.	
1	2	3	4	5	6	7	8	9	10
Elementary schools for boys.									
Municipal ...	1	146	37	4	543	152	...	...	
Aided from Municipal Funds ...	4	274	...	...	...	...			
Others. (1) Recognised.	175	13,913	2,172	182	14,540	2,255	39,970	37,829	
Others. (2) Not recognised ...	119	3,575	313	123	3,793	417			
Total ...	299	17,908	2,522	309	18,876	2,824			
Elementary schools for girls.									
Municipal ...	...	...	...	...	...	...			
Aided from Municipal Funds ...	...	...	...	...	...	...			
Others. (1) Recognised.	55	518	7,418	57	611	7,853	39,970	37,829	
Others. (2) Not recognised ...	6	10	752	4	34	272			
Total ...	61	528	8,170	61	645	8,125			

Statement No. II giving particulars as to the qualifications of the teaching staff employed in institutions maintained or aided from Municipal Funds.

Classes of Institutions.	Number of teachers employed.	Number possessing professional certificates.	Number possessing general education certificates only.	Number entirely uncertificated.	Remarks.
1	2	3	4	5	6
Elementary schools for boys.					
Maintained by the Corporation...	26	20	6*	...	* Includes the 4 handicraft instructors for the 4 schools.
Aided by do	...	...	...	...	
Aided From Provincial Funds. Male teachers ...	564	284	268	12	
Aided From Provincial Funds. Female teachers ...	51	25	26	...	
Total ...	641	329	300	12	
Elementary schools for girls.					
Maintained by the Madras Corporation ...	...	...	...	...	
Aided by do ...	...	...	...	...	
Aided from Provincial Funds. Female teachers ...	359	263	87	9	
Aided from Provincial Funds. Male teachers ...	23	14	8	1	
Total ...	382	277	95	10	

APPENDIX IV.

Annual Report of the Rayapettah Hospital for the year 1912-1913.

Accommodation :—The new hospital was opened by the Honourable Surgeon-General W. B. Bannerman, C.S.I.,M.D., I.M.S., on the 29th May 1912. The accommodation is for 76 patients, made up as follows :—

64 beds for Indians,
4 beds for children,
and 8 beds for Europeans and Anglo Indians.

Patients treated :—2,013 in-patients and 56,458 out-patients were treated during the year against 1,586 in-patients and 48,201 out-patients in the previous year showing an increase of 427 in-patients and 8,257 out-patients.

Operations :—1,059 in-patient operations and 3,211 out-patient operations. The total number of operations performed during the year was 4,270.

State of furniture :—Furniture is sufficient.

Amount of recoveries from patients who were able to pay for their diet, &c.

Rayapettah Hospital	...	...	Rs. 60-8-0
Isolation Hospital	...	...	Rs. 16-0-0

Establishment.—During the year the establishment was hardly sufficient.

Epidemic.—During the year no cholera cases were admitted in the Isolation Hospital. There were 58 cases of small-pox, 7 chicken-pox, 1 measles, 10 family attendants and 5 diseases of the skin admitted in the Isolation Hospital, Krishnampet.

Inspection and remarks by visitors :—During the year 1912, His Excellency Lord Pentland visited the Hospital on 3rd December 1912. His remarks were :—

"Everything possible seems to have been done by the Corporation of Madras for the design, construction, equipment and staffing of this new Hospital to make it useful and attractive. I trust that it may fulfil all expectations."

General Remarks :—The present temporary establishment which comes under "labour" must be made permanent. As the work in the wards is very heavy, the ward attendants find it very difficult to cope with the work especially on night duty days. It is necessary therefore to appoint 3 ward-boys, 2 ayahs, 2 male toties and 1 latchi in addition to the present staff.

The attendance in the out-patients' department is increasing day by day (*vide* para. 2). As such the present dispensary there is unsuitable for the purpose and that is much overcrowding. The patients have to wait for a long time before they get the medicines prescribed for them.

The voluntary compounders are not satisfactory. They must be dispensed with and two more permanent compounders must be appointed.

MADRAS,
9th June 1913.

C. DONOVAN, M. D., LT.-COL. I.M.S.
Surgeon, 4th District.

Report on the working of the Raja Sir Ramaswami Mudaliyar Maternity Hospital for the official year 1912-13.

I. *Accommodation.*—The hospital consists of two caste and one non-caste puerperal wards, a separate delivery ward now consisting of two large confinement rooms, with a central sterilizing and washing room, and a contagious shed made of uralite.

The total number of beds is as follows :—

			No. of beds.
Two caste wards of 10 beds each		...	20
One non-caste ward	...	...	16
Delivery wards	...	...	4
One contagious shed	...	...	8
		Total No. of beds ...	48

II. The average daily sick including natural labour cases was—

In-patients ... 20·66 as against 19·15 of last year
Out-patients ... 0·26 „ 3·54 „

There is a slight increase under the former; there is a very marked decrease in the latter. This decrease is due to the present practice of discouraging patients suffering from ordinary ailments to attend here as out-patients while they have a separate place close by in Georgetown Dispensary.

III. The total treated including natural labour cases was—

(*a*) In-patients 1033 as against 902 of previous year
(*b*) Out-patients 96 „ 785

IV. Medical pupils of the Sub-Assistant Surgeon's class in their final year of study receive their clinical instructions on obstetrics in this hospital. Native midwife pupils, who after passing out find employment under Municipalities and District Boards, are also trained here, each for a period of one year. The hospital is now fairly well-equipped for affording practical instructions to both classes.

V. The expenditure of the hospital is met by the Corporation of Madras, together with the endowment—the pay of the medical staff being met by the Government.

MADRAS,
15th May 1913.

R. BRYSON, MAJOR, I. M. S.,
Superintendent, Raja Sir Ramaswami Mudaliyar Maternity Hospital, Madras.

Annual Report of the George Town Dispensary for the year 1912-1913.

Accommodation.—is the same as last year. The question of providing a new out-patient department is now under consideration of Government in connection with the reconstruction of the Native Infirmary.

Attendance.—47,738 patients were treated during the year and the average daily attendance was 339·27. As compared with the previous year there is a decrease of 1,259 in the number treated and an increase of 23·08 in the average daily attendance.* The decrease in the number treated is chiefly due to the attendance falling off on the opening of malaria dispensaries in Tondiarpet at the beginning of the year.

* *Note*—This explanation has on investigation been found to be incorrect. The Surgeon, 1st District has been asked to furnish the correct explanation.

Operations.—3,161 minor operations as against 3,120 in the previous year.

The statements showing the finance, attendance and diseases treated are attached.

MADRAS, 15th May 1913. } R. BRYSON, MAJOR, I.M.S., *Ag. Surgeon, 1st District.*

Annual concise report on the working of the Baliah Nayudu Dispensary, Vepery, 2nd District, Madras, for the year 1912-1913.

The dispensary is situated in the heart of Vepery, quite convenient to the people who appreciate its proximity and receive gratuitous medical aid as out-partients.

Petty repairs were attended to during the year.

The establishment consists of the following :—

One Senior Grade Sub Assistant Surgeon.
One Third Grade Sub Assistant Surgeon.
Two compounders.
One male ward attendant.
One female ward attendant.
One peon.
One toty.

The total number of out-patients treated during the year was 40,164 as against 38,810 in the previous year ; the increase is due to the lar e attendance of malarial and other fever cases attending the institution.

1,347 surgical operations were performed during the year against 1,644 in the previous year.

The maximum number treated on any one day was 410 on the 12th March 1913.

MADRAS, 12th May 1913. } MD. IBRAHIM, *Senior Sub-Assistant Surgeon in charge.*

C. G. WEBSTER, MAJOR, I.M.S., *Ag. Surgeon, 2nd District, Madras.*

Concise report of the Chintadripet Dispensary for the year 1912-13.

(1) *Accommodation.*—Accommodation is sufficient.

(2) *Admissions.*—The total number of patients treated and the daily average attendance was 25,694 and 204·10 against 18,659 and 137·98 respectively during the previous year ; while the number of operations performed was 1021 against 803 in the past year—thus testifying to the increased popularity of the institution. A statement showing the classes of diseases treated is attached.

(3) *Inspections.*—The Presidency Surgeon, 3rd District, inspected the dispensary several times during the year.

(4) *Establishment.*—If the second compounder proposed by the Corporation receives the sanction of the Government, the establishment will be quite sufficient.

(5) *Finance.*—The total amount spent by the Corporation for the maintenance of the dispensary was Rs. 3,302—6—3 against Rs. 3,659—12—7 in the previous year. The following table shows in detail the figures under the different items with the causes of variations.

	1911–12			1912–13.		
	Rs.	A.	P.	Rs.	A.	P.
(a) Establishment	1,692	4	8	2,013	5	2
(b) European medicines ...	999	10	7	819	1	3
(c) Bazaar medicines ...	3	12	0	3	2	0
(d) Miscellaneous charges ...	463	11	2	466	13	10
(e) Buildings and repairs ...	500	6	2			
	3,659	12	7	3,302	6	3

(a) The increase under establishment is due to the posting of a 1st Grade Sub-Assistant Surgeon during the year and to the grant of his travelling allowance from Ootacamund to Madras.

(b) The decrease under European medicines is due to the fact that medicines unnecessary for dispensary were not indented for during the year.

(c) & (d) There is little or no variation under these items.

(e) No amount was spent under "Building repairs" as no alterations or repairs were done during the year.

(6) *General remarks—Nil.*

MADRAS 30th April 1913. } S. BALASUBRAMANYAM, *1st Grade Sub-Assistant Surgeon in charge, CHINTADRIPET.*

Forwarded to the President, Corporation of Madras.

F. FENN ELWES, M.D., C.I.E.
MAJOR, I. M. S.
Surgeon, 3rd District.

Report on the work of San Thome' Dispensay for the official year 1912—1913.

History.—This institution was established by Bishop Strachan in 1874, and its objects are to afford medical and surgical relief to the public in general and in particular to the charitable institutions in and around San Thome' Parsonage *e.g.*

(a) Gordon Refuge
(b) Industrial School for women
(c) Orphanages, European & Indian, and the poor of all classes without any reference to caste, creed or nationality ; subsequently the needs of the native convent of the Roman Catholic Church also had to be met.

2. *Constitution*—The management of this dispensary was placed under a local committee.

As the dispensary was considerably in want of funds, a new committee under the direction of the Corporation was organised in June 1912, but sorry, for causes unknown, the Secretary and Treasurer of the new committee did not seem to rise to the occasion, and did not take charge of the management from the Secretary and Treasurer of the old committee and allowed the new committee to die a natural death. Therefore, should an energetic and representative committee, consisting of men who are capable of managing institutions of this kind, from the influ-

ential residents of San Thome' Adyar, and Mylapore including the City Fathers residing in Mylapore, with the Surgeon, 4th District, as President of the committee, and the Health Officer, Madras Corporation, as the representative of the Corporation be organised, the dispensary will no doubt thrive well, and the Corporation will be relieved of its burden of fully maintaining it. It is now understood that an additional dispensary is to be opened in Kutcherry Road or Mandavalee, Mylapore; thus the San Thome Dispensary will be an aided one, while the dispensary intended to be opened may be fully maintained by the Corporation.

3. *Means of support*—The dispensary is supported by local contributions, and by a grant of Rs. 1,100 annually from the Corporation.

The Bishop of Mylapore and the Theosophical Society still continue to pay a donation of Rs. 20 each annually, who may be called permanent subscribers of the dispensary and may be taken as members of the committee for the dispensary.

4. *Probable transfer of management*—The Health Officer, Madras Corporation during his official visit, dated 11th April 1913, informed that this dispensary which was so long under the management of a committee will be brought under the direct management of the Madras Corporation from 1st April 1913. While thanking the Corporation of Madras for the excellent arrrangement and acknowledging that it will place the dispensary certainly on a sound basis, the undersigned begs to bring to the kind consideration of the Corporation of Madras that it is an invaluable boon conferred on the the public of San Thome', and satisfying the needs of the old institution of 40 years' standing, in as much as it affords medical and surgical relief especially to 3 charitable institutions in San Thome' Parsonage, and also to the public in general amongst which it is located; but the change of location will certainly interfere with the intended object.

5. *Accommodation*—The building in which the dispensary is located is the property of the S. P. G. Mission, and a nominal rent of rupees ten *per mensem* is paid to it out of the funds of the dispensary. It is suitable to its requirements, but is sadly in need of repairs. At this dispensary only out-patients are treated and all emergent cases are attended to during all parts of the day by the Sub Asst. Surgeon who lives in the premises, and thus medical help is given to all classes of people free of charge.

6. *Establishment*—The staff consists of a Sub Assistant Surgeon, placed under the supervision of the Surgeon, 4th District, a compounder and two menial servants.

7. *Total treated*—The total number of patients treated during the year was 9,811 and the average daily attendance for the same period was 65·38.

8. *Most common diseases treated*—The diseases treated under this head were :—

Diseases of the digestive organs	... 2058
" respiratory "	... 945
Malaria	... 872
Diseases of the ear ...	... 757
Ulcers	... 715
Diseases of the skin ...	... 594
" connective tissue	... 486
Dysentery	... 432
Injuries	... 395

9. *Operations.*—658 operations of minor nature were performed during the year under report.

10. *Income.*—The total income of the year from all sources was Rs. 1160.

11. *Inspections.*—This dispensary was inspected several times by the Surgeon of the 4th District and the Health Officer, Madras Corporation, and once by the President of the Madras Corporation.

MADRAS, 6th May 1913. } FRANCIS IMANUEL, *Sub-Asst. Surgeon, San Thome' Dispensary.*

MADRAS, 17th May 1913. } E. W. C. BRADFIELD, CAPTAIN, I. M. S., *Surgeon, 4th District.*

From

RAO BAHADUR G. NARAYANASWAMI CHETTI,
Honorary Secretary to the Governors of the Victoria Caste and Gosha Hospital.

To

THE PRESIDENT,
Corporation of Madras,
MADRAS.

SIR,

I have the honour to submit the usual returns, showing the work of the Victoria Hospital for Caste and Gosha women, Madras, during the year 1912-13.

The total number of patients treated during the year is 18,572, as against 18,577 in the previous year the number of Hindu and Muhammadan patients (both in and out) being 13,364 and 5,208 respectively. It will be noted with satisfaction that 908 maternity cases have been treated during the year, as against 841 during the previous year—an increase of 67 cases. The accommodation now available for labour cases is quite insufficient to meet the ever growing demands of the hospital. It needs no reiteration that this want is very urgent, and the sooner it is supplied the better will it be. The Governors of the hospital would, therefore, again earnestly appeal to the charitable public for liberal grants and contributions towards further expansion of the hospital in this direction.

The average daily number of in-patients treated during the year, is 79·94, which by itself is a striking testimony to the growing popularity of this institution and emphasizes the demand for its further and immediate expansion.

This hospital founded as a charitable premier institution in 1885, exclusively for caste and gosha women, has been supplying useful medical aid to the suffering women, not only of Madras, but also to those resorting here from the mofussal for more than a quarter of a century now, with due regard for their religious scruples and social observances, which preclude them both from seeking the aid of male doctors and from resorting to the other hospitals.

The Governors take this opportunity to place on record their grateful thanks to M.R.Ry. S Gopalakrishna Iyer Avergal, B.C.E. of Lalgudi, Trichinopoly District, for generously endowing a bed in the name of his deceased wife, and also to the members of the Imperial Durbar Committee for the Government Promissory notes of the value of Rs. 2,600 for maintaining a bed "The Imperial Durbar Bed."

The Governors' thanks are also due to the Commissioners of the Corporation of Madras for the liberal increase of their annual contribution from Rs. 1,000 to Rs. 2,000 for the current official year.

Miss Wells, L. R. C. P. & S. Edin, who joined the institution for the second time in 1908, had again to sever her connection in the end of February 1913, owing to ill-health, and she was then succeeded by Miss Hendric, M.B., C.H.B., (Edin.) & L. M. (Dublin).

The Governors are glad to place on record their high appreciation of the valuable service rendered by Miss Wells during her Superintendentship.

I have the honour to be,
Sir,
Your most obedient servant,
G. NARAYANASWAMI CHETTY,
Honorary Secretary to the Governors of the Victoria Caste and Gosha Hospital.

VICTORIA HOSPITAL FOR CASTE AND GOSHA WOMEN,
CHEPAUK,
10th May 1913.

Madras, 5th May 913.

From

THE PANDIT-IN-CHARGE,
S.K.P.D., Ayurvedic Disensary, Madras.

To

THE PRESIDENT,
Corporation of Madras.

HONOURED SIR,

In reply to your letter No. G. D. C. 430, dated 3rd April 1913, I have the honour to submit herewith the Administration Report showing the work done by the Sree Kannyaka Parameswari Devastanam Free Dispensary, Madras, during the official year 1912-13.

The above institution was established on the 14th August 1898, by the Committee of Management who administer the charities attached to the said Sree Kannyaka Parameswari Devastanam and has been maintained by the funds of the said devastanam and is now under my management.

Establishment.—The staff consists of one Senior Pandit, one Assistant Pandit, one clerk, two compounders and three servants.

Preparations of medicines.—Medicines like powders, pills, bhasmams, oils, asavas, arishtams, salts, ointments, dravakams and syrups are prepared under the careful and personal supervision of the Head Pandit and the Assistant Pandit Mr. M. Doraiswami Iyangar, Ayurveda Bhushana.

Diseases.—The diseases generally treated at the dispensary are :—

All s rts of fevers, respiratory, intestinal, urinal, nervous and ordinary wounds.

Total number of patients treated.—The total number of patients treated during the year was 23,011, and the average daily attendance of patients during the period was 163·47.

Inspection.—The dispensary was visited by Major R. Bryson, I.M.S, Surgeon, 1st District, and also by the Dharmakartha and other members of the Committee, and they were much satisfied with the working of the dispensary.

I beg to enclose herein a tabular statement of the patients who attended the dispensary and the diseases for which they were treated and the average daily attendance.

I have the honour to be,
Honoured Sir,
Your most obedient servant,
C. V. SUBRAMANIA SASTRY, A.K.A.C.,
Ayurveda Bhushana Pandit and Senior Physician.

Report on the working of the Kalyani Hospital for 1912-13.

It is with regret that the Committee of the Kalyani Hospital has to report that there is a decrease both in the number of in-door and out-door patients. The in-door patients numbered 390 as compared with 422 last year and the out-door 2,432 as compared with 3,757 last year. It is difficult to account for these decreases but it is possible that the opening of the new hospital in Rayapettah has drawn away a very considerable number of patients from that part of the City. It is hoped that the decrease is only temporary and that as Miss Dodge becomes known the numbers will increase.

Whilst the subscriptions from England and India did not show any increase during the year, the committee is glad to note that the fees both from out-patients and in-patients showed a satisfactory increase, especially as the greater part is voluntary. The Endowment Fund brought an income of Rs. 465 which to some extent compensated for the loss of subscriptions.

The hospital still feels very seriously the loss of its founder Dewan Bahadur N. Subrahmanyam. His influence in gaining the sympathy and support of the people of Madras was very great. It is therefore to be expected that it will be sometime before the hospital by its work and influence can possibly make up for what it has lost by his death.

J. E. NEILL,
Honorary Secretary.

Statement showing the diseases treated in the undermentioned Hospitals and Dispensaries during the year 1912-13.

—	Name of Diseases.	Hospitals and Dispensaries.										
		Rayapettah Hospital.	George Town Dispensary.	Baliah Naidu Dispensary.	Chintadripet Dispensary.	San Thome Dispensary.	St. Thomas' Convent Dispensary.	Victoria Hospital for Caste and Gosha Women	Raja Sir Ramaswami Mudaliar Maternity Hospital.	Kalyani Hospital	Sri Kanyaka Parameswari Devasthanam Ayurvedic Dispensary.	Venkataramana Dispensary.
INFECTIVE DISEASES.	Cholera ...	1	...	3	2	...	...	...	...	...	...	25
	Dysentery ...	1,202	974	1,573	675	432	282	208	13	72	163	109
	Enteric fever ...	48	...	...	...	...	...	5	...	...	...	467
	Gonorrhœa ...	760	810	349	103	22	...	...	...	12	54	332
	Kala-Azar ...	79	12	...	...	...	...	2	...	...	...	...
	Leprosy ...	2	47	...	8	3	...	...	...	3	6	...
	Malaria ...	1,146	7,965	3,328	2,851	879	225	445	32	235	5,100	478
	Plague ...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia ...	80	8	18	63	1	...	17	1	1	16	172
	Pyrexia of uncertain Origin	568	3,336	2,667	2,024	18	...	...	...	59	...	...
	Rheumatic fever and Rheumatism	1,509	1,187	1,727	623	240	566	646	2	53	43	323
	Small-pox ...	...	...	...	...	...	...	1	...	...	...	...
	Syphilis (primary and secondary) ...	555	877	307	72	69	213	25	4	18	24	...
	Tubercle of the lungs ...	39	55	64	50	7	88	19	...	4	22	81
	Other tubercular diseases.	93	75	28	15	21	95	1	...	17	20	...
	All other infective diseases	...	121	26	31	104	...	16	...	50	...	...
OTHER GENERAL DISEASES.	Anæmia ...	1,447	824	401	56	141	151	417	14	189	112	1,921
	Diabetes ...	9	13	...	21	7	...	3	...	...	26	264
	Scurvy ...	...	...	...	...	...	...	...	...	...	...	...
	New growths { Non-malignant.	37	28	...	8	...	245	8	...	10	...	...
	New growths { Malignant.	24	55	...		...	...	4	...	7	...	...
	All other general diseases..	8,875	2,414	2,197	1,578	211	169	1,762	...	81	6,794	19,192
SYSTEMIC DISEASES.	Diseases of the nervous system ...	1,615	893	1,168	462	166	63	369	2	8	637	3,590
	Diseases of the eye ...	1,283	712	1,275	419	212	316	216	...	62	264	1,367
	Diseases of the ear ...	2,062	3,750	1,905	2,213	767	327	761	...	133	2,308	1,176
	Diseases of the nose ...	31	355	629	34	34	42	36	...	3	16	793
	Diseases of the circulatory system ...	171	50	265	21	11	...	59	17	29	...	316
	All diseases of the respiratory system except pneumonia and tubercle of the lungs ...	7,691	2,781	4,062	3,296	945	516	1,064	21	207	925	3,324
	Dyspepsia ...	1,331	867	792	464	123	523	726	3	116	1,145	1,232
	Diarrhœa ...	1,126	693	1,137	535	303	422	632	4	86	885	2,021
	Abscess of the liver ...	14	1	...	...	...	...	1	...	...	...	...
	All other diseases of the liver ...	36	346	186	249	24	40	320	2	39	87	711
	Appendicitis ...	11	...	...	...	...	...	1	...	...	...	...
	All other diseases of the digestive system ...	5,859	6,279	5,611	3,939	2,058	442	3,361	14	178	280	1,076
	Inflammation and suppuration of lymph glands ...	1,014	371	77	171	74	...	136	...	9	4	...
	Goitre ...	...	1	...	...	1	...	...	...	...	...	29
	Brights disease ...	128	302	7	25	15	...	196	...	12	...	...
	All diseases of the urinary system ...	630	288	336	39	11	...	397	23	48	64	396
	Hydrocele ...	196	61	122	18	51	...	...	...	...	...	169
	Other diseases of the generative system ...	2,135	571	323	289	123	...	2,912	101	240	238	212
	Diseases of the organs of locomotion ...	751	240	36	170	34	...	7	...	2	...	113
	Diseases of the connective tissue ...	2,607	2,273	2,616	950	486	...	822	...	63	36	...
	Ulcers ...	2,749	1,983	2,846	1,275	715	65	618	...	88	2,011	3,392
	Other diseases of the skin..	2,619	1,455	2,591	2,114	594	380	1,233	3	223	1,028	556
	All other local diseases ...	7	136	...	6	...	235	...	...	239	...	...
GENERAL AND LOCAL.	Injuries (General and Local)	4,935	1,489	1,877	1,289	395	438	195	2	62	703	...
	Poisons { By Opium ...	5	447	347	... 4	198	...	83	...	...	...	...
	Poisons { By Other poisons	11			9		...		...	...	...	...
	Labors { Normal ...	...	...	...	...	...	...	306	569	124	...	...
	Labors { Abnormal ...	...	...	...	...	...	...	602	302	24	...	...
	Total ...	58,471	17,738	10,161	25,694	9,811	5,842	18,572	1,129	2,822	23,011	48,832
	Operations ...	4,270	3,161	1,345	1,021	658		1,973	124			

Statement showing the attendance of patients treated, the income and the expenditure of the undermentioned Hospitals and Dispensaries during the year 1912-13.

Name of hospital.	Total number treated.		Average daily attendance.		Percentage of daily to total in-door treated.	Income.				Expenditure.						
	In-door.	Out-door.	In-door.	Out-door.		From subscription, &c.	From Government.	From Municipality.	Establishment.	Diets.	European medicines.	Bazaar medicines.	Miscellaneous.	Repairs to buildings &c.	Total.
Rayapettah Hospital ...	2,013	56,458	62·70	360·56	4·99	...	...	...	10,564	7616	8490	681	2385	73,850	1250503
George Town Dispensary ...	...	47,758	...	339·27	...	...	...	10,730	4517	...	3902	45	264	...	10,730
Baliah Naidu Dispensary ...	...	40,164	...	229·42	...	...	...	5536	2498	...	2350	2	562	121	5536
Chintadripet Dispensary ...	...	25,694	...	204·10	...	...	...	3302	2013	...	819	3	466	102	3302
San Thome' Dispensary ...	...	9811	...	63·38	...	...	...	1100	576	...	270	17	169	...	1053
St Thomas' Convent Dispensary, San Thome' ...	835	5,007	18	85	...	...	...	240	972	...	673	612	98	48	3074
Victoria Hospital for Caste and Gosha Women ...	† 2563	† 16,009	79·94	119·39	·98	1790	1000	1000	8949	3610	1253	191	2467	31	16,4991
Raja Sir Ramasawmi Mudaliar Maternity Hospital.	1033	96	20·66	0·26	1·16	...	3121	600	4351	750	329	50	358	192	6053
Kalyani Hospital ...	390	2432	8·5	7·7	1·5	5433	...	...	...	...	...	...	...	...	...
Sri Kanyaka Parameswari Devasthanam Ayurvedic Free Dispensary ...	...	23,011	...	163·47	...	‡ 9024	...	...	1697	125	...	505	621	200	3024
Venkataramana Dispensary.	...	48,832	...	120	...	6,015	...	...	2,483	4	...	1,320	309	25	4138

‡ Includes Rs. 1,463 being rent of rooms and sale of tickets, &c.

* Not paid in 1912-13.
† Hindu patients 13,364 } include 908 labor cases,
Muhammadan patients 5,208 }

A.—VACCINE DEPARTMENT.

Statement No. I showing the particulars of Vaccination in the Corporation of Madras and in the Penitentiary during the official year 1912-13.

1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Circle.	Population of circle according to the Census of 1911.	Average number of Vaccinators employed throughout the season.	Total number of persons vaccinated.		Average number of persons vaccinated by each Vaccinator.	PRIMARY VACCINATION.						SECONDARY VACCINATION.									TOTAL OF PRIMARY AND SECONDARY VACCINATION.					RE-VACCINATION.					Percentage of success to total vaccinated excluding unknown.		Percentage of unknown cases to total cases vaccinated.	
						Total.	Successful.				Unsuccessful.	Unknown.	Total.	Successful.				Unsuccessful.	Unknown.	Total.	Successful.				Total.	Successful.			Unsuccessful.	Unknown.	Primary and secondary vaccinations.	Re-Vaccination.	Primary and secondary vaccinations.	Re-Vaccination.
Corporation of Madras ...	518,660	20	15,891	Male.	1,320	21,901	17,886	2,534	43	20,463	982	456	353	207	22	3	232	78	43	22,254	18,693	2,556	46	20,695	1,060	499	5,280	2,790	1,729	761	95·13	61·74	2·24	14·41
			11,290	Female.																														
			27,181	Total.																														
The Penitentiary ...		1	764		26	13	1	...	12	13	...	...	...	...	...	...	...	...	...	13	1	...	12	13	...	...	777	663	88	26	10·0	88·28	...	3·36
Total ...			26,391 *		1,320	21,888	17,885	2,534	31	20,450	982	456	353	207	22	3	232	78	43	22,241	18,692	2,556	34	20,682	1,060	499	4,503	2,127	1,641	735	95·12	56·45	2·24	16·32

* 353 Secondary vaccinations have been excluded as required by G. O. No. 152 L. 15-2-1909.

A.—VACCINE DEPARTMENT.

Statement No. II showing the cost of the Department in the Corporation of Madras and in the Penitentiary during the official year 1912—13.

1	2	3	4		5	6	7	8		9	10		11		12		13		14		15		16		17		18		19		20	21	
Circle.	EXPENDITURE.																				PAID FROM.												
	Dy. Inspectors.				Vaccinators & Clerks					Peons.																							
	First Class.	Assistant.	Pay.		First Class.	Second Class.	Clerk.	Pay.		Number.	Pay.		Total pay of Establishment.		Travelling allowance.		Contingencies.		Total cost.		Imperial funds.		Provincial funds.		Local funds.		Municipal funds.		Total cost.		Number of all successful vaccinations, (Primary, Secondary, and Re-vaccination).	Average cost of each successful case.	
			Rs.	A. P.				Rs.	A. P.		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.		Rs.	A. P.
Corporation of Madras ...	1	8	2,432	14 2	10	10	1	5,907	1 6	9	873	1 3	9,213	0 11	256	4 0	2,155	11 10	11,625	0 9	...	...	...	...	...	...	11,625	0 9	11,625	0 9	22,809		0 8
The Penitentiary ...																															676	...	1
Total ...	1	3	2,432	14 2	10	10	1	5,907	1 6	9	873	1 3	9,213	0 11	256	4 0	2,155	11 10	11,625	0 9	...	...	...	...	...	...	11,625	0 9	11,625	0 9	23,485	...	...

Statement No. III showing the number of cases vaccinated and cases verified by the Deputy Inspector of Vaccination and his assistants.

Rank.	Number of cases vaccinated during 1912-13.				Number of cases inspected during 1912-13.			
	Total.	Successful.	Unsuccessful.	Unknown	Total.	Successful.	Unsuccessful.	Unknown
Dy. Inspector of Vaccination ...	...	...	...	...	1,001	877	124	...
Asst. Deputy Inspector 1 and 3 Divisions ...	6,923	5,519	956	448	5,119	4,459	536	124
Do. 2 & 7 „ ...	9,452	8,088	974	390	5,480	4,909	457	114
Do. 4,5,6,&8 ...	10,369	9,202	771	396	6,148	5,831	248	69
Total ...	26,744	22,809	2,701	1,234	17,748	16,076	1,365	307
The Penitentiary ...	790	676	88	26	...	...	...	...
Grand Total ...	* 27,534	23,485	2,789	1,260	17,748	16,076	1,365	307

* 353 Secondary Vaccinations have been included.

Statement No. IV showing the number of births registered in 1911-12 and the number of infants vaccinated under one year of age as compared with the two preceding years.

Year.	Total number of births, excluding still-births.	Number of children in column 2 who died before attaining the age of one year and without being vaccinated.	Number of children in column 2 who left the city before attaining the age of one year and without being vaccinated.	Number of children in column 2 who were available for vaccination (col. 2 *minus* 3 & 4)	Number of children in column 5 who were vaccinated before they attained the age of one year.	Percentage of column 6 to column 5	Number of children in column 5 whose vaccination was postponed beyond one year of age for medical reasons.
1	2	3	4	5	6	7	8
1909-10 ...	15,781	4,036	2,989	8,756	8,743	99·85	13
1910-11 ...	16,526	4,379	3,457	8,690	8,606	99·03	84
1911-12 ...	15,935	4,117	3,510	8,308	7,690	92·56	618
	2,524	**319**	**14,79**	**726**	**692**	**95·32**	**34**

N.B.—Thick figures denote Hospital births.

This statement was prescribed in G.O. No. 1261 M., dated 10th July 1912.

Statement of attacks and deaths from small-pox among vaccinated and unvaccinated cases for the official year 1912-13 according to age periods.

	Under one year.		Above one and under 5 years.		Above 5 years and under 10 years		Above 10 years and under 15 years.		Above 15 years and under 20 years.		Above 20 years and under 25 years.		Above 25 years.		Total.	
	Vaccinated.	Unvaccinated.	Vaccinated.	Unvaccinated.	Vaccinated.	Unvaccinated.	Vaccinated.	Unvaccinated.	Vaccinated.	Unvaccinated.	Vaccinated.	Unvaccinated.	Vaccinated.	Unvaccinated.	Vaccinated.	Unvaccinated.
Attacks ...	4	13	15	9	12	0	10	1	17	2	19	3	37	5	114	33
Deaths ...	1	10	10	8	3	1	3	0	3	0	2	1	9	2	31	22

APPENDIX V.

ANNUAL FORM NO. A.—METEOROLOGICAL DATA.

LATITUDE 13° 4′ N.

LONGITUDE 80° 15′ E.

MONTHS.		Barometer.	Reading of Thermometer.						Difference between dew point temperature and mean air temperature.	Degree of humidity complete saturation being 100.	Prevailing direction of wind.	Rainfall.		
			Dry.				Dew point.							
		Mean daily reading.	Maximum.	Minimum.	Mean daily range.	Mean daily value.	Mean daily value.	Mean Maximum solar radiation.				Number of days on which rain fell.	Total fall of rain during the month.	Maximum fall of rain during 24 hours.
		Inches.	...	...	...	...	...	...	...	Cent.	...	No.	Inches.	Inches
January	1912.	30·034	83·5	65·7	17·8	74·2	66·2	129·0	8·0	78	N. E.	2	2·83	1·47
February	,,	29·950	86·7	71·3	15·4	78·9	70·3	133·0	8·6	78	E. S. E	...	...	...
March	,,	·898	91·7	74·3	17·4	82·5	72·8	136·1	9·7	76	S. E. by S.	...	...	...
April	,,	·875	92·9	77·4	15·5	84·7	75·4	136·3	9·3	77	S. E. by S.	...	...	...
May	,,	·746	100·2	82·5	17·7	89·0	77·1	140·6	11·9	72	S. S. E.	...	...	...
June	,,	·680	101·2	83·2	18·0	89·2	74·7	140·0	14·5	66	S. S. W.	4	1·78	1·41
July	,,	·686	96·8	79·7	17·1	85·9	73·7	130·3	12·2	71	S. W.	17	2·22	0·89
August	,,	·718	95·9	77·7	18·2	84·5	74·5	133·8	10·0	75	S. W.	18	5·39	1·69
September	,,	·773	94·5	78·4	16·1	81·7	75·6	138·9	9·1	77	South	5	1·36	0·86
October	,,	·846	90·2	75·8	14·4	82·1	74·4	133·8	7·7	81	N. E. by E.	12	11·00	2·92
November	,,	·911	85·3	72·3	13·0	78·0	72·1	128·8	5·9	85	N. E.	18	21·81	4·05
December	,,	30·007	83·4	68·4	15·0	75·2	66·6	130·1	8·6	76	N. N. E.	2	0·30	0·21

Annual Form No. 1.—Births registered by Wards during the year 1912.

1	2		3			4			5			6	7	8	9		
Old Divisions.	Wards.	No. of the vortes-ponding present Division.	Population according to Census of 1911.			No. of Births Registered.			Ratio of Births per 1,000 of Population.			Number of Males born to every 100 Females born.	Excess of Births over Deaths per 1,000 of Population.	Excess of Deaths over Births per 1,000 of Population.	Mean ratio of Births per 1,000 during previous five years:		
			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.				Males.	Females.	Total.
1	West Ward ..	3	7,820	7,300	15,120	278	222	500	35·5	30·4	33·1	125·2	...	15·4	38·6	38·6	38·6
	Centre ,, ...	2	20,396	20,239	40,635	881	768	1,649	43·2	37·9	40·6	114·7	...	11·3	43·0	40·1	41·6
	East ,, ...	1	9,768	10,550	20,318	406	411	817	41·0	39·5	40·2	95·9	...	5·4	47·9	39·1	43·5
2	North Ward ...	7	18,410	18,655	37,065	664	585	1,249	36·1	31·4	33·7	113·5	...	6·4	39·0	35·4	37·2
	Centre ,, ...	8	11,887	13,698	25,585	448	454	902	30·1	33·1	31·6	98·7	...	3·6	30·6	31·3	30·9
	South ,, ...	9	11,210	9,727	20,937	337	318	655	30·1	32·7	31·3	106·0	...	8·3	31·7	33·9	32·7
3	East Ward ...	4	8,557	6,007	14,564	295	259	554	34·5	43·1	38·0	113·9	0·2	...	34·1	45·6	38·8
	Centre ,, ...	5	10,132	9,047	19,179	309	272	581	30·5	30·1	30·3	113·6	1·0	...	29·8	33·2	31·5
	West ,, ...	6	12,027	10,446	22,473	377	361	738	31·3	34·6	32·8	104·4	...	7·6	29·9	33·4	31·5
4	4th Division ...	10	13,137	11,842	24,979	617	555	1,170	47·0	46·7	46·8	111·6	10·8	...	37·5	37·8	37·7
5	North Ward ..	11	21,157	20,366	41,523	898	856	1,744	42·0	42·0	42·0	104·7	2·7	...	40·6	38·9	39·8
	Centre ,, ..	12	15,172	14,604	29,776	631	575	1,206	41·6	39·4	40·5	109·7	6·5	...	37·9	38·2	38·0
	South ,, ...	13	12,430	11,287	23,717	566	514	1,080	45·5	45·5	45·5	110·1	9·4	...	42·9	44·3	43·6
6	North Ward ...	11	6,216	5,535	11,751	206	186	392	33·1	33·6	33·4	110·8	...	3·7	29·9	34·0	31·9
	South ,, ...	15	7,622	7,558	15,180	274	304	578	35·9	40·2	38·1	90·1	4·7	...	37·5	35·7	37·0
7	North Ward ..	16	13,601	13,151	26,752	598	530	1,128	44·0	40·3	42·2	112·8	5·5	...	41·6	40·5	41·1
	Centre ,, ...	17	19,636	19,007	38,643	818	809	1,657	43·2	42·6	42·9	104·8	2·6	...	42·0	40·6	41·3
	South ,, ...	18	16,724	16,127	32,851	663	644	1,307	39·6	39·9	39·8	103·0	5·3	...	35·9	35·4	35·7
8	East Ward ...	19	16,998	17,360	34,358	650	582	1,232	38·2	33·5	35·9	111·7	1·6	...	32·6	31·7	32·2
	West ,, ...	20	10,565	9,689	20,254	473	487	960	44·8	50·3	47·4	97·1	6·2	...	46·6	44·8	45·5
	Total ...		2,66,465	2,52,195	5,18,660	10,193	9,696	20,059	39·0	38·4	38·8	107·3	..	0·6	37·9	37·5	37·7

Annual Form No. II.—Statement of Deaths by Wards during the year 1912.

1	2	3	4	5			6			7	8															9		
Old Divisions.	Wards.	No. of the corresponding present Division.	Area in Square miles.	Average population per Square mile.	Population (Census 1911).			Number of deaths registered.			Number of deaths of Males to every 100 deaths of Females.	Deaths for 1,000 of Population from.														Mean ratio of Deaths for 1000 during previous five years		
					Males.	Females.	Total.	Males.	Females.	Total.		Cholera.	Small-pox.	Measles.	Plague.	Malaria.	Enteric Fever.	Other Fevers.	Dysentery and Diarrhœa.	Tubercle.	Respiratory Diseases.	Injury.	All other causes.	All causes. Males.	All causes. Females.	All causes. Total.	Males.	Females.	Total.
1	West Ward	3	2·80	5,400	7,820	7,300	15,120	367	366	723	100·3	0·4	0·1	0·2	...	8·5	...	6·9	13·8	0·6	1·6	0·7	16·6	16·9	50·1	48·5	21·5	20·9	42·4
	Centre "	2	0·93	43,694	20,396	20,239	40,635	1,095	1,015	2,110	107·9	0·4	0·05	0·07	...	7·7	0·05	6·1	15·2	1·1	1·6	0·5	19·3	53·7	50·2	51·9	29·0	28·5	56·5
	East "	1	1·37	11,831	9,768	10,550	20,318	455	472	927	96·4	2·1	0·05	0·7	...	7·2	0·15	5·9	11·9	0·8	0·9	0·3	15·5	46·6	44·7	45·6	24·1	23·8	47·9
2	North Ward	7	0·45	82,367	18,410	18,655	37,065	762	726	1,488	105·0	0·5	0·3	...	...	9·8	0·03	1·0	6·7	1·1	4·8	0·2	15·7	41·4	38·9	40·1	23·4	21·3	17·7
	Centre "	8	0·25	1,14,310	14,887	13,698	28,585	450	554	1,004	81·2	0·5	0·5	...	...	7·5	...	0·9	5·8	1·3	1·5	0·3	13·8	36·2	40·4	35·1	20·6	21·8	42·4
	South "	9	0·30	69,790	11,210	9,727	20,937	479	349	828	137·2	0·3	0·1	...	...	6·5	0·05	1·2	4·5	1·3	5·9	0·9	18·7	42·7	35·9	39·5	24·7	19·7	44·4
3	East Ward	1	0·40	36,410	8,557	6,007	14,564	281	270	551	104·1	0·4	...	...	...	10·0	0·3	1·1	6·1	1·6	5·6	0·3	12·5	32·8	44·9	37·8	22·6	22·7	45·2
	Centre "	5	0·30	63,930	10,132	9,047	19,179	297	264	561	112·5	0·5	0·3	0·05	0·05	6·5	0·05	1·1	5·1	1·3	4·1	0·2	9·8	25·3	29·2	29·2	17·1	18·2	35·6
	West "	6	0·80	28,031	12,027	10,446	22,473	468	440	908	106·4	1·2	0·09	0·2	...	9·5	0·1	1·3	7·7	1·5	5·6	0·2	13·0	38·9	42·1	40·4	21·1	21·8	42·8
4	4th Division	10	3·96	6,308	13,137	11,842	24,979	460	441	901	104·3	0·4	0·08	0·2	...	3·0	...	1·0	10·3	0·7	6·2	0·2	13·9	35·0	37·2	36·0	18·1	17·5	18·0
5	North Ward	11	0·58	71,591	21,157	20,366	41,523	799	832	1,631	96·0	0·9	0·1	0·1	...	3·9	0·02	1·6	14·4	1·7	2·9	0·2	13·4	37·8	40·9	39·3	18·6	18·2	36·7
	Centre "	12	1·00	29,776	15,172	14,604	29,776	527	485	1,012	108·7	1·1	0·1	0·05	...	2·8	0·03	1·4	10·2	1·4	2·6	0·1	13·9	31·7	33·2	34·0	16·2	16·1	32·3
	South "	13	1·10	23,482	12,430	11,287	23,717	402	454	856	88·5	1·5	0·1	0·3	...	2·7	0·2	1·1	10·7	1·1	2·3	0·3	15·9	32·3	40·2	36·0	16·7	18·1	34·8
6	North Ward	14	2·45	4,796	6,216	5,535	11,751	223	212	435	105·2	0·6	0·2	0·3	...	2·6	...	0·9	12·0	1·7	2·7	0·4	15·6	35·9	38·3	37·0	17·2	16·2	33·4
	South "	15	1·95	7,785	7,622	7,558	15,180	258	248	506	104·0	0·5	0·3	...	...	2·9	...	1·3	10·7	1·9	3·8	0·1	12·5	33·8	32·8	33·3	15·8	16·6	32·5
7	North Ward	16	0·80	33,440	13,601	13,151	26,752	513	467	980	109·9	0·8	0·4	0·2	...	2·8	0·07	1·1	7·6	1·3	6·1	0·4	15·9	37·7	35·5	36·6	18·7	17·8	36·5
	Centre "	17	0·83	46,553	19,636	19,007	38,643	751	806	1,557	93·2	0·6	0·1	0·3	...	2·4	0·05	1·1	7·3	1·0	6·1	0·3	21·6	38·2	42·4	40·3	20·3	20·5	40·8
	South "	18	0·53	61,983	16,724	16,127	32,851	581	551	1,132	105·4	0·2	0·3	0·4	...	2·9	0·1	0·7	5·3	2·3	5·8	0·2	16·2	34·7	31·2	34·5	18·3	19·4	37·6
8	East Ward	19	2·30	14,938	16,998	17,360	34,358	578	600	1,178	96·3	0·5	0·5	0·3	...	7·6	0·2	0·7	9·1	1·1	1·4	0·2	12·3	34·0	34·6	34·3	15·5	15·9	31·4
	West "	20	3·90	5,193	10,565	9,689	20,254	418	416	834	100·5	1·4	0·4	0·3	...	8·2	0·3	1·4	13·0	1·3	2·1	0·1	12·5	39·6	42·9	41·2	19·5	19·7	39·2
	Total ...		27	19,210	2,66,465	2,52,195	5,18,660	10,164	9,968	20,132	102·0	0·7	0·2	0·2	0·002	5·7	0·08	1·8	9·4	1·3	3·9	0·3	15·2	38·1	39·5	38·8	20·2	20·1	40·2

Annual Form No. III—Deaths registered by wards during each month of the year 1912

1	2		3												4
Old Divisions.	Wards.	No. of the Corresponding present Division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total deaths registered during the year.
1	West Ward ...	3	82	53	54	41	47	49	36	70	55	69	83	94	733
	Centre " ...	2	245	159	171	116	125	127	146	196	185	148	216	276	2,110
	East " ...	1	115	74	72	46	64	57	49	87	80	115	80	88	927
2	North Ward ...	7	186	157	116	118	115	83	91	119	117	127	128	131	1,488
	Centre " ...	8	111	94	74	76	67	67	60	93	94	83	79	106	1,004
	South " ...	9	86	66	65	55	82	57	61	65	57	90	65	79	828
3	East Ward ...	4	79	45	47	37	41	35	36	51	38	35	43	64	551
	Centre " ...	5	64	59	34	40	31	43	55	58	40	39	42	56	561
	West " ...	6	115	98	76	68	72	53	64	85	71	62	67	77	908
4	4th Division ...	10	99	79	61	54	57	57	92	98	85	60	67	89	901
5	North Ward ...	11	150	143	104	107	104	113	118	210	163	131	126	162	1,631
	Centre " ...	12	91	67	88	57	86	61	73	142	80	83	76	105	1,012
	South " ...	13	112	71	51	54	65	51	75	83	78	78	59	79	856
6	North Ward ...	14	39	42	33	37	48	31	35	40	35	31	32	32	435
	South " ...	15	73	37	27	32	44	29	32	55	36	38	43	60	506
7	North Ward ...	16	107	83	69	67	72	53	82	94	77	91	94	91	980
	Centre " ...	17	195	127	117	120	120	100	101	139	123	117	139	159	1,557
	South " ...	18	127	91	80	80	84	82	109	122	83	86	103	85	1,132
8	East Ward ...	19	139	83	93	80	91	105	94	109	102	76	98	108	1,178
	West " ...	20	92	58	75	73	63	62	67	105	56	51	67	65	834
	Total ...	...	2,307	1,686	1,510	1,358	1,478	1,318	1,476	2,021	1,655	1,610	1,707	2,006	20,132

Annual Form No. IV—Deaths registered according to age by Wards during the year 1912.

1	2		3		4		5		6		7		8		9		10		11		12	
Old Divisions.	Wards.	No. of the corresponding present division.	Under 1 year.		1 year and under 5 years.		5 years and under 10 years.		10 years and under 15 years.		15 years and under 20 years.		20 years and under 30 years.		30 years and under 40 years.		40 years and under 50 years.		50 years and under 60 years.		60 years and upwards.	
			Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	West Ward ...	3	103	82	58	70	17	22	7	13	9	7	19	30	31	25	40	27	24	20	59	70
	Centre „ ...	2	289	258	138	134	46	60	27	23	35	34	121	108	110	67	77	61	84	70	168	197
	East „ ..	1	133	129	63	89	23	29	13	9	8	15	32	42	37	27	40	20	35	24	71	88
2	North Ward ...	7	210	173	71	98	35	29	18	19	27	41	70	79	73	61	63	51	76	48	119	127
	Centre „ ...	8	154	140	49	75	15	15	13	5	8	26	37	57	26	36	41	42	39	45	68	103
	South „ ...	9	119	80	48	45	17	5	8	6	12	19	47	43	59	32	71	34	36	26	62	59
3	East Ward ...	4	86	66	28	24	9	9	5	10	8	16	23	29	21	15	24	15	29	19	48	67
	Centre „ ...	5	82	77	36	32	13	8	6	8	8	11	40	31	19	17	25	14	20	16	48	50
	West „ ...	6	128	96	50	52	21	21	13	12	20	25	39	61	34	35	49	34	36	28	78	76
4	4th Division ...	10	138	122	95	100	16	19	8	16	12	15	27	23	36	19	22	23	36	31	70	73
5	North Ward ...	11	237	246	134	143	33	46	25	23	10	36	57	67	45	51	61	41	59	44	138	135
	Centre „ ...	12	166	125	82	72	16	21	9	16	14	23	53	45	40	37	37	29	36	30	74	87
	South „ ...	13	147	143	66	58	15	14	13	10	6	18	25	54	21	28	28	39	25	29	56	61
6	North Ward ...	14	50	42	38	47	10	13	3	3	6	7	19	15	25	19	24	13	12	8	36	45
	South „ ...	15	68	75	35	39	11	10	3	2	7	7	23	17	19	14	18	22	9	14	65	48
7	North Ward ...	16	148	127	90	71	23	25	12	13	19	16	42	44	44	22	37	31	34	21	61	97
	Centre „ ...	17	260	225	106	129	25	32	17	17	16	34	51	72	36	56	47	42	64	33	129	166
	South „ ...	18	180	149	94	85	22	20	8	8	13	20	39	50	31	37	31	29	48	24	115	129
8	East Ward ...	19	211	173	85	89	18	31	13	12	12	20	43	52	33	40	44	27	25	33	94	123
	West „ ...	20	105	86	58	75	19	27	13	10	6	14	32	32	38	37	32	27	35	24	80	84
	Total...		3,014	2,611	1,424	1,527	404	456	234	235	256	401	839	961	778	675	811	624	762	587	1,642	1,885
	* Ratio per 1,000...		289·7	269·6	65·5	68·9	14·1	15·7	8·4	9·4	10·3	15·6	15·6	18·8	18·9	18·7	26·3	23·2	42·9	35·7	124·6	147·3

* In the case of children under 1 year of age the ratio was calculated on the number of births during the year; in all other cases, on the numbers living at the time of the Census.

Annual Form No. V—Deaths registered according to Class by wards during the year 1912.

1	2		3					4					5				
Old Divisions.	Wards.	No. of the corresponding present division.	Population (according to Census of 1911).					Number of deaths registered.					Ratio of deaths per 1,000 of Population.				
			Christians.	Hindus.	Mahomedans.	Others	Total.	Christians.	Hindus	Mahomedans.	Others.	Total.	Christians.	Hindus.	Mahomedans.	Others.	Total.
1	West Ward ...	3	327	12,502	2,193	98	15,120	12	632	89	...	733	36·7	50·6	40·6	...	48·5
	Centre „ ...	2	1,151	26,276	3,196	12	40,635	74	1,855	181	...	2,110	64·3	51·1	56·6	...	51·9
	East „ ...	1	5,271	13,976	1,015	56	20,318	140	723	64	...	927	26·6	51·7	63·0	...	45·6
2	North Ward ...	7	1,891	33,769	1,357	48	37,065	79	1,344	64	1	1,488	41·8	39·8	47·2	20.8	40·1
	Centre „ ...	8	90	27,625	388	482	28,585	3	997	4	...	1,004	33·3	36·0	10·3	...	35·1
	South „ ...	9	962	19,634	276	65	20,937	47	766	15	...	828	48·9	39·0	54·3	...	39·5
3	East Ward ...	4	540	9,199	4,771	54	14,564	3	326	222	...	551	5·6	35·4	46·5	...	37·8
	Centre „ ...	5	2,672	15,477	965	65	19,179	54	478	29	...	561	20·2	30·9	30·0	...	29·2
	West „ ...	6	2,121	15,951	4,087	14	22,473	49	691	165	...	908	20·2	43·5	40·4	...	40·4
4	4th Division ...	10	815	18,981	5,139	44	24,979	30	673	198	...	901	36·8	35·5	38·5	...	36·0
5	North Ward ...	11	4,176	36,638	643	66	41,523	100	1,506	25	...	1,631	23·9	41·1	38·9	...	39·3
	Centre „ ...	12	5,144	22,629	1,798	205	29,776	148	799	65	...	1,012	28·8	35·3	36·2	...	34·0
	South „ ...	13	4,176	17,399	2,053	89	23,717	127	646	82	1	856	30·4	37·1	39·9	11·2	36·0
6	North Ward ...	14	1,372	10,105	270	4	11,751	28	394	13	...	435	20·4	39·0	48·1	...	37·0
	South „ ...	15	2,141	11,589	1,384	66	15,180	55	396	55	...	506	25·7	34·2	39·7	...	33·3
7	North Ward ...	16	2,356	23,023	1,324	49	26,752	76	857	47	...	980	32·3	37·2	35·5	...	36·6
	Centre „ ...	17	483	23,215	14,934	11	38,643	7	856	694	...	1,557	14·5	36·9	46·5	...	40·3
	South „ ...	18	572	24,738	7,490	51	32,851	13	833	286	...	1,132	22·7	33·7	38·2	...	34·5
8	East Ward ...	19	2,806	26,006	5,274	272	34,358	89	906	183	...	1,178	31·8	34·8	34·7	...	34·3
	West „ ...	20	2,446	17,178	612	18	20,254	49	723	62	...	834	20·0	42·0	101·3	...	41·2
	Total ...		41,812	4,15,910	59,169	1,769	5,18,660	1,153	16,404	2,543	2	20,132	28·3	39·4	43·0	1·1	38·8

Annual Form No. VI—Deaths registered from *Cholera* by wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of Population.			Mean ratio per 1,000 during previous five years.
															Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward	3	...	...	...	...	...	...	...	...	1	...	...	...	5	1	6	0·6	0·1	0·4	2·0
	Centre "	2	...	...	...	...	...	...	...	...	...	...	...	4	6	9	15	0·3	0·4	0·4	2·5
	East "	1	1	...	1	...	...	...	...	...	...	12	...	5	19	24	43	1·9	2·3	2·1	2·5
2	North Ward	7	...	...	...	...	...	...	...	2	2	...	...	...	12	5	17	0·7	0·3	0·5	1·8
	Centre "	8	...	...	...	...	...	...	2	2	1	1	...	...	6	9	15	0·4	0·7	0·5	1·0
	South "	9	...	...	...	...	...	...	1	1	4	...	...	...	1	6	7	0·09	0·6	0·3	0·8
3	East Ward	4	...	...	...	...	...	...	...	1	...	...	...	2	6	1	7	0·6	0·2	0·4	1·0
	Centre "	5	...	...	...	...	...	...	...	1	1	...	...	...	6	3	9	0·6	0·3	0·4	1·1
	West "	6	...	...	...	...	...	...	...	2	6	...	...	...	18	8	26	1·5	0·8	1·2	1·0
4	4th Division	10	...	...	...	1	...	...	...	...	...	...	...	...	4	5	9	0·3	0·4	0·4	0·8
5	North Ward	11	2	3	1	...	...	1	...	23	2	1	...	...	15	23	38	0·7	1·1	0·9	0·7
	Centre "	12	1	3	...	...	...	...	...	26	5	...	...	...	8	26	34	0·5	1·8	1·1	0·7
	South "	13	2	1	...	...	...	...	1	15	6	1	...	...	21	15	36	1·7	1·3	1·5	1·0
6	North Ward	14	...	...	...	...	...	...	...	...	...	...	...	...	4	3	7	0·6	0·5	0·6	0·7
	South "	15	...	...	...	...	...	...	...	...	1	...	...	...	3	1	7	0·4	0·1	0·5	0·5
7	North Ward	16	1	1	1	...	...	...	1	...	4	...	...	3	10	11	21	0·7	0·8	0·8	0·6
	Centre "	17	1	1	...	...	...	...	...	...	2	1	...	...	10	13	23	0·5	0·6	0·6	0·4
	South "	18	...	...	1	...	...	...	...	...	1	2	...	...	3	5	8	0·2	0·3	0·2	0·5
8	East Ward	19	1	...	1	...	...	2	1	1	1	...	6	...	6	13	19	0·4	0·7	0·5	0·1
	West "	20	1	2	...	4	...	1	...	15	1	...	...	...	15	13	28	1·4	1·3	1·4	0·5
Total ...		...	75	74	18	5	2	5	7	169	36	20	9	14	177	197	374	0·7	0·8	0·7	1·1

Annual Form No. VII.—Deaths registered from *Small-pox* by Wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of Population.			Mean ratio per 1,000 during previous five years.
															Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward	3	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	0·1	0·1	0·1	0·1
	Centre "	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	0·05	0·05	0·05	0·3
	East "	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	0·09	0·05	0·9
2	North Ward	7	...	1	1	1	2	1	...	1	...	...	...	1	7	4	11	0·4	0·2	0·3	0·3
	Centre "	8	...	...	...	...	2	...	...	1	...	...	...	...	2	11	13	0·1	0·8	0·5	0·4
	South "	9	...	...	...	...	1	...	...	...	...	...	...	...	2	1	3	0·2	0·1	0·1	0·3
3	East Ward	4	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	0·2	...	...	0·2
	Centre "	5	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	0·2	0·5	0·3	0·4
	West "	6	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	0·5	0·09	0·3
4	4th Division	10	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	0·08	0·08	0·08	0·08
5	North Ward	11	3	1	...	...	...	...	...	...	...	...	...	...	3	2	5	0·09	0·1	0·1	0·1
	Centre "	12	...	...	2	1	...	...	...	...	...	...	...	...	2	1	3	0·07	0·1	0·1	0·1
	South "	13	1	...	...	...	...	...	...	...	...	...	...	...	1	2	3	0·2	0·09	0·1	0·2
6	North Ward	14	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	0·2	0·2	0·2	0·2
	South "	15	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5	0·2	0·4	0·3	0·3
7	North Ward	16	4	4	2	...	...	...	...	2	...	...	...	...	7	2	9	0·5	0·1	0·4	0·1
	Centre "	17	...	1	1	2	...	...	...	1	1	...	...	...	2	2	4	0·1	0·1	0·1	0·5
	South "	18	2	1	...	1	...	...	...	...	...	...	...	...	4	2	6	0·2	0·1	0·3	0·4
8	East Ward	19	3	5	6	1	1	1	...	...	...	...	...	...	7	9	16	0·4	0·5	0·5	0·2
	West "	20	2	...	1	4	1	...	...	...	...	...	...	...	4	4	8	0·4	0·4	0·4	0·1
Total ...		...	25	18	21	13	12	2	3	4	2	3	...	3	46	60	106	0·2	0·2	0·2	0·3

Annual Form No. VIII.—Deaths registered from *Measles* by Wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of Population.			Mean ratio per 1,000 during previous five years.
															Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward ...	3	...	...	...	...	2	...	...	...	...	1	...	...	1	2	3	0·1	0·3	0·2	0·2
	Centre " ...	2	...	...	...	...	1	...	...	...	...	...	2	...	1	2	3	0·04	0·1	0·07	0·3
	East " ...	1	...	...	...	...	...	...	1	...	4	3	5	2	5	10	15	0·5	0·9	0·7	0·5
2	North Ward ...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2
	Centre " ...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2
	South " ...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2
3	East Ward ...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2
	Centre " ...	5	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	...	0·1	0·05	0·2
	West " ...	6	...	3	...	1	...	...	...	...	...	...	...	...	3	1	4	0·2	0·1	0·2	0·3
4	4th Division ...	10	...	...	3	1	1	...	...	...	...	...	...	1	5	1	6	0·4	0·08	0·2	0·09
5	North Ward ...	11	...	...	...	1	1	...	1	...	...	...	...	1	1	3	4	0·05	0·1	0·1	0·2
	Centre " ...	12	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	0·7	...	0·03	0·2
	South " ...	13	...	1	...	2	...	3	...	...	...	...	...	...	3	3	6	0·2	0·3	0·3	0·1
6	North Ward ...	14	...	...	1	2	...	...	...	...	...	...	...	...	...	3	3	...	0·5	0·3	0·05
	South " ...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1
7	North Ward ...	16	...	...	2	1	...	...	...	...	...	1	...	1	3	2	5	0·2	0·2	0·2	0·3
	Centre " ...	17	3	1	...	2	2	...	1	1	3	...	...	...	6	7	13	0·3	0·4	0·3	0·3
	South " ...	18	1	1	2	2	2	...	2	2	...	...	...	...	8	4	12	0·5	0·2	0·4	0·4
8	East Ward ...	19	2	...	2	...	4	1	1	1	...	...	...	...	4	8	12	0·2	0·5	0·3	0·1
	West " ...	20	...	...	3	...	...	...	1	...	...	...	2	1	6	1	7	0·6	0·1	0·3	0·2
	Total ...	...	6	6	13	12	13	4	8	4	8	5	10	6	47	48	95	0·2	0·2	0·2	0·2

Annual Form No. IX—Deaths registered from *Plague* by wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1,000 during previous five years.
															Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward ...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01
	Centre " ...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	East " ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01
2	North Ward ...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01
	Centre " ...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01
	South " ...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03
3	East Ward ...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01
	Centre " ...	5	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	0·1	...	0·05	...
	West " ...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·009
4	4th Division ...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	North Ward ...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Centre " ...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·007
	South " ...	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02
6	North Ward ...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South " ...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	North Ward ...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Centre " ...	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·005
	South " ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·006
8	East Ward ...	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	West " ...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	0·004	...	0·002	0·006

Annual Form No. X.—Deaths registered from *Malaria* by Wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total	Ratio of deaths per 1,000 of Population. Males.	Ratio of deaths per 1,000 of Population. Females.	Ratio of deaths per 1,000 of Population. Total.	Mean ratio per 1,000 during previous five years.
1	West Ward ...	3	12	14	9	5	8	6	10	3	9	12	16	25	60	69	129	7·7	9·5	8·5	7·1
	Centre „ ...	2	35	20	26	15	19	24	13	22	20	25	44	48	159	152	311	7·8	7·5	7·7	7·8
	East „ ...	1	23	14	21	9	8	9	3	11	9	13	14	13	84	63	147	8·6	6·0	7·2	7·8
2	North Ward ...	7	52	50	42	30	20	15	19	25	24	25	28	35	172	193	365	9·3	10·3	9·8	8·2
	Centre „ ...	8	24	25	15	16	19	12	7	17	24	11	16	28	92	122	214	6.2	8·9	7·5	8·2
	South „ ...	9	16	7	18	8	18	6	9	8	6	22	5	13	66	70	136	5·9	7·2	6·5	7·2
3	East Ward ...	4	25	9	9	13	8	14	6	11	11	10	12	17	71	74	145	8·3	12·3	10·0	7·3
	Centre „ ...	5	14	12	9	8	9	9	10	11	8	9	11	14	67	57	124	6·6	6·3	6·5	7·5
	West „ ...	6	37	27	7	12	19	12	11	21	20	10	17	21	112	102	214	9·3	9·8	9·5	7·9
4	4th Division ...	10	11	3	4	2	3	4	8	7	9	5	8	11	41	34	75	3·1	2·9	3·0	4·9
5	North Ward ...	11	15	21	19	11	10	8	9	16	19	17	8	8	82	79	161	3·9	3·9	3·9	4·3
	Centre „ ...	12	7	7	9	3	8	6	1	13	7	5	7	10	37	46	83	2·4	3·1	2·8	3·9
	South „ ...	13	6	1	4	5	4	4	6	8	5	6	11	4	29	35	64	2·3	3·1	2·7	3·0
6	North Ward ...	14	6	3	2	2	3	1	1	4	2	3	2	2	15	16	31	2·4	2·9	2·6	1·3
	South „ ...	15	10	7	3	3	6	1	2	5	4	2	1	...	24	20	44	3·1	2·6	2·9	1·4
7	North Ward ...	16	8	5	5	3	6	4	6	9	7	7	7	9	37	39	76	2·7	3·0	2·8	1·8
	Centre „ ...	17	13	11	5	11	5	7	7	6	4	5	6	14	46	48	94	2·3	2·5	2·4	1·7
	South „ ...	18	8	11	8	9	8	6	6	11	7	3	9	8	45	49	94	2·7	3·0	2·9	2·2
8	East Ward ...	19	39	27	24	21	15	7	11	16	26	24	26	24	124	136	260	7·3	7·8	7·6	4·0
	West „ ...	20	26	17	18	15	10	7	5	15	11	15	17	11	77	90	167	7·3	9·3	8·2	4·6
	Total ...	...	387	291	257	201	206	162	160	239	232	229	265	315	1440	1494	2934	5·4	5·9	5·7	5·0

Annual form No. XI—Deaths registered from *Enteric fever* by Wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total	Ratio of deaths per 1,000 of Population. Males.	Ratio of deaths per 1,000 of Population. Females.	Ratio of deaths per 1,000 of Population. Total.	Mean ratio per 1,000 during previous five years.
1	West Ward ...	3	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	0·04
	Centre „ ...	2	1	1	...	...		1	...	1	1	...	...	...	1	2	3	0·1	0·1	0·05	0·05
	East „ ...	1	...	...	...	...		...	...	...	...	...	...	...	...	2	2	...	0·2	0·15	0·1
2	North Ward ...	7	...	...	...	...		...	...	1	...	...	...	...	...	1	1	...	0·05	0·03	0·09
	Centre „ ...	8	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	0·08
	South „ ...	9	...	...	...	...		...	...	...	...	1	...	...	1	...	1	0·09	...	0·05	0·1
3	East Ward ...	4	2	1	1	...	...	...	...	...	...	...	...	...	4	...	4	0·5	...	0·3	0·2
	Centre „ ...	5	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	...	0·1	0·05	0·2
	West „ ...	6	...	...	...	...	1	...	...	...	...	...	...	...	2	1	3	0·2	0·1	0·1	0·1
4	4th Division ...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·008
5	North Ward ...	11	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	0·05	...	0·02	0·04
	Centre „ ...	12	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	0·07	0·03	0·06
	South „ ...	13	...	...	2	1	...	...	...	1	...	...	...	...	2	2	4	0·2	0·2	0·2	0·1
6	North Ward ...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07
	South „ ...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07
7	North Ward ...	16	...	...	1	...	...	...	...	...	...	1	...	...	1	1	2	0·07	0·08	0·07	0·05
	Centre „ ...	17	...	...	1	...	...	...	...	1	...	...	...	...	...	2	2	...	0·1	0·05	0·07
	South „ ...	18	...	...	2	1	...	1	...	...	...	...	...	...	3	1	4	0·2	0·06	0·1	0·08
8	East Ward ...	19	...	...	...	...	...	3	3	...	1	...	...	...	4	3	7	0·2	0·2	0·2	0·06
	West „ ...	20	...	...	...	...	...	3	3	...	...	...	...	...	4	2	6	0·4	0·2	0·3	0·2
	Total ...	...	3	2	7	2	1	8	7	5	1	3	...	...	23	19	42	0·09	0·08	0·08	0·08

Annual Form No. XII.—Deaths registered from *Other Fevers* by wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of Population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.
1	West Ward ...	3	11	3	6	5	10	8	...	14	12	7	7	8	40	51	91	5·1	7·0	6·0	4·4
	Centre " ...	2	37	11	11	24	21	17	21	48	33	5	4	14	136	119	249	6·4	5·9	6·1	5·5
	East " ...	1	4	5	9	15	15	17	7	29	11	13	3	10	49	70	119	5·0	6·6	5·9	4·1
2	North Ward ...	7	2	4	...	4	1	1	4	6	8	1	1	3	11	27	38	0·6	1·4	1·0	4·2
	Centre " ...	8	2	2	1	2	..	...	5	...	3	4	2	6	13	14	27	0·9	1·0	0·9	3·5
	South " ...	9	4	1	...	3	7	1	4	1	2	...	1	2	17	9	26	1·5	0·9	1·2	3·2
3	East Ward ...	4	5	1	...	2	2	1	1	2	...	...	1	1	11	5	16	1·3	0·8	1·1	4·0
	Centre " ...	5	3	1	2	2	...	...	1	3	1	2	3	1	9	13	22	0·9	1·4	1·1	3·4
	West " ...	6	...	2	4	1	2	2	2	1	...	3	2	7	6	23	29	0·5	2·2	1·3	4·3
4	4th Division	10	2	4	1	3	2	1	2	7	...	...	2	2	10	16	26	0·8	1·4	1·0	1·2
5	North Ward ...	11	4	6	2	2	7	10	7	6	9	1	6	7	31	36	67	1·5	1·8	1·6	3·2
	Centre " ...	12	6	3	1	2	2	4	6	7	6	1	1	1	18	25	43	1·2	1·7	1·4	3·3
	South " ...	13	1	2	1	2	5	2	2	2	2	2	3	1	10	15	25	0·8	1·3	1·1	2·3
6	North Ward ...	14	...	1	...	2	...	...	1	2	2	3	...	...	6	5	11	1·0	0·9	0·9	2·4
	South " ...	15	4	...	1	2	1	1	2	2	1	3	2	1	12	8	20	1·6	1·1	1·3	2·8
7	North Ward ...	16	...	1	1	3	5	1	2	5	2	1	2	4	15	15	30	1·1	1·1	1·1	3·9
	Centre " ...	17	3	3	4	...	4	1	5	4	7	1	5	4	20	21	41	1·0	1·1	1·1	4·5
	South " ...	18	6	1	4	3	1	...	1	2	...	2	2	1	10	13	23	0·6	0·8	0·7	4·2
8	East Ward ...	19	3	4	1	2	2	2	4	1	1	1	...	4	9	16	25	0·5	0·9	0·7	2·2
	West " ...	20	5	1	3	6	2	2	1	2	3	1	2	1	8	21	29	0·8	2·2	1·4	2·4
	Total ...		102	56	55	85	89	61	81	138	103	54	52	81	435	522	957	1·6	2·1	1·8	3·6

Annual Form No. XIII.—Deaths registered from *Dysentery and Diarrhœa* by wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total. Males.	Total. Females.	Total. Total.	Ratio of deaths per 1,000 of Population. Males.	Females.	Total.	Mean ratio per 1,000 during previous five years.
1	West Ward ...	3	28	16	15	14	9	16	15	21	12	20	20	22	102	106	208	13·0	14·5	13·8	10·5
	Centre " ...	2	87	56	61	27	28	40	51	68	44	41	49	65	315	302	617	15·4	14·9	15·2	12·9
	East " ...	1	34	30	17	12	11	14	13	23	29	23	12	21	113	129	242	11·6	12·2	11·9	10·9
2	North Ward ...	7	29	22	14	25	22	11	18	24	14	29	20	19	130	117	247	7·0	6·3	6·7	7·6
	Centre " ...	8	19	19	13	10	12	16	13	21	9	15	6	14	64	103	167	4·3	7·5	5·8	5·9
	South " ...	9	9	6	7	8	5	8	9	15	3	9	6	9	54	40	94	4·8	4·1	4·5	5·4
3	East Ward ...	4	12	9	2	5	3	4	7	14	9	6	5	13	40	44	89	5·3	7·3	6·1	7·1
	Centre " ...	5	10	11	1	7	10	9	14	10	8	10	6	8	61	43	104	6·0	4·8	5·4	5·4
	West " ...	6	20	17	20	12	15	6	14	15	12	19	8	16	93	81	174	7·7	7·7	7·7	6·8
4	4th Division ...	10	32	14	20	16	20	16	29	30	27	13	15	26	136	122	258	10·4	10·3	10·3	8·8
5	North Ward ...	11	54	41	31	42	36	37	46	83	68	49	45	65	290	307	597	13·7	15·0	14·4	9·0
	Centre " ...	12	31	15	30	12	33	18	30	37	20	25	19	32	164	141	305	10·8	9·7	10·2	7·0
	South " ...	13	35	28	16	10	14	18	31	24	22	20	9	26	118	135	253	9·5	11·9	10·7	7·4
6	North Ward ...	14	16	13	15	13	20	8	15	12	7	7	8	7	66	75	141	10·6	13·7	12·0	8·9
	South " ...	15	25	14	12	10	13	9	11	16	8	8	11	16	69	84	153	9·0	11·1	10·1	7·2
7	North Ward ...	16	25	23	11	11	17	14	17	20	13	15	13	24	105	98	203	7·7	7·5	7·6	6·8
	Centre " ...	17	36	12	19	24	30	26	20	25	21	20	20	30	126	157	283	6·4	8·3	7·3	7·2
	South " ...	18	14	19	1	10	13	16	22	23	20	11	12	11	85	90	175	5·0	5·6	5·3	6·7
8	East Ward ...	19	29	19	23	23	35	26	32	38	25	20	25	29	147	177	324	8·6	10·2	9·4	7·5
	West " ...	20	24	16	28	26	28	19	21	29	16	13	19	24	137	126	263	13·0	13·0	13·0	11·4
	Total ...		572	400	359	317	377	331	428	548	387	373	328	477	2,420	2,477	4,897	9·0	9·8	9·4	8·1

Annual Form No. XIV.—Deaths registered from *Tubercle including Tubercle of the Lung* by wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.	No. of the Corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of Population.			Mean ratio per 1,000 during previous five years.
															Males.	Females.	Total.	Males.	Females.	Total	
1	West Ward ...	3	1	...	...	...	1	...	1	1	3	...	1	1	5	4	9	0·6	0·5	0·6	0·3
	Centre „ ...	2	...	3	1	1	3	1	2	...	...	1	11	21	28	16	44	1·4	0·8	1·1	0·6
	East „ ...	1	1	1	...	...	...	3	4	...	2	2	3	1	8	9	17	0·8	0·9	0·8	0·4
2	North Ward ...	7	9	6	5	1	4	1	3	1	1	...	3	2	25	14	39	1·4	0·8	1·1	1·1
	Centre „ ...	8	5	4	2	...	2	5	2	4	3	5	1	4	16	21	37	1·1	1·5	1·3	1·0
	South „ ...	9	4	1	1	1	5	2	1	3	3	3	1	3	12	16	28	1·1	1·6	1·3	1·4
3	East Ward ...	4	1	3	4	1	2	2	1	1	1	1	4	2	8	15	23	0·9	2·5	1·6	0·8
	Centre „ ...	5	...	2	1	2	3	1	4	3	...	1	3	4	11	13	24	1·1	1·4	1·3	0·9
	West „ ...	6	2	3	1	2	6	3	1	2	2	2	4	5	16	17	33	1·3	1·6	1·5	0·9
4	4th Division ...	10	2	5	3	3	...	1	1	...	...	1	2	...	10	8	18	0·8	0·7	0·7	0·3
5	North Ward ...	11	7	2	5	3	2	3	7	17	16	2	3	3	33	37	70	1·6	1·8	1·7	0·6
	Centre „ ...	12	4	2	6	3	5	6	3	1	4	1	2	1	27	14	41	1·8	1·0	1·4	0·8
	South „ ...	13	4	4	2	1	1	1	4	3	1	2	1	2	11	15	26	0·9	1·3	1·1	0·8
6	North Ward ...	14	5	1	1	...	2	3	2	2	...	1	3	...	12	8	20	1·9	1·4	1·7	1·6
	South „ ...	15	1	2	...	1	5	2	1	1	1	3	4	8	21	8	29	2·8	1·1	1·9	0·8
7	North Ward ...	16	4	2	4	1	2	4	6	2	1	3	2	3	20	14	34	1·5	1·1	1·3	0·9
	Centre „ ...	17	3	8	6	...	3	4	4	2	1	3	1	3	22	16	38	1·1	0·8	1·0	1·0
	South „ ...	18	12	3	12	...	...	9	6	9	17	1	7	1	36	41	77	2·2	2·5	2·3	0·9
8	East Ward ...	19	1	6	4	1	5	2	4	4	4	1	2	4	18	20	38	1·1	1·2	1·1	0·5
	West „ ...	20	5	1	2	...	1	1	2	3	8	1	1	2	10	17	27	0·9	1·8	1·3	0·8
	Total ...		71	59	60	21	52	54	59	65	68	34	59	70	349	323	672	1·3	1·3	1·3	0·8

Annual Form No. XV.—Deaths registered *from Respiratory diseases excluding Tubercle of the Lung* by wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	War	No. of the Corresponding present division.	January.	February.	March.	April.	May.	June.	July	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of Population.			Mean ratio per 1,000 during previous five years.
															Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward ...	3	2	5	4	...	...	1	1	1	1	3	2	4	16	8	24	2·0	1·1	1·6	1·5
	Centre „ ...	2	5	5	8	4	2	2	5	7	10	6	6	4	36	28	64	1·8	1·4	1·6	1·6
	East „ ...	1	3	2	1	1	4	2	...	2	1	2	...	1	13	6	19	1·3	0·6	0·9	1·5
2	North Ward ...	7	23	24	19	9	13	10	10	11	11	18	16	14	81	97	178	4·4	5·2	4·8	3·5
	Centre „ ...	8	20	8	5	12	10	8	5	7	5	15	14	19	67	61	128	4·5	4·5	4·5	3·2
	South „ ...	9	16	11	6	7	7	6	14	10	7	18	8	13	67	56	123	6·0	5·8	5·9	3·5
3	East Ward ...	4	13	8	11	3	9	5	7	7	4	3	3	8	39	42	81	4·6	7·0	5·6	3·4
	Centre „ ...	5	13	5	7	2	2	7	9	7	8	5	8	6	42	37	79	4·1	4·1	4·1	3·0
	West „ ...	6	16	9	17	10	10	9	8	13	5	6	13	10	72	54	126	6·0	5·2	5·6	3·4
4	4th Division ...	10	17	9	8	7	9	11	20	22	16	9	10	17	78	77	155	5·9	6·5	6·2	3·9
5	North Ward ...	11	17	15	9	4	14	13	15	7	8	5	7	8	51	71	122	2·4	3·5	9	3·2
	Centre „ ...	12	9	8	4	5	9	9	3	8	4	5	5	8	37	40	77	2·4	2·7	2·6	3·0
	South „ ...	13	11	6	3	6	4	2	3	2	4	4	3	6	32	22	54	2·6	1·9	2·3	2·6
6	North Ward ...	14	...	5	2	4	1	2	4	2	3	3	1	5	22	10	32	3·5	1·8	2·7	1·8
	South „ ...	15	8	4	3	3	3	5	4	6	5	2	3	11	21	33	57	3·1	4·4	3·8	2·1
7	North Ward ...	16	19	15	12	13	13	9	10	12	8	18	22	11	85	77	162	6·2	5·9	6·1	3·9
	Centre „ ...	17	34	20	17	24	16	15	17	21	19	11	26	16	117	119	236	6·0	6·3	6·1	4·2
	South „ ...	18	24	13	15	8	18	15	17	24	11	12	19	14	100	90	190	6·0	5·6	5·8	3·5
8	East Ward ...	19	6	1	3	...	2	3	1	8	6	2	2	8	15	34	49	0·9	2·0	1·4	1·6
	West „ ...	20	5	4	2	...	3	5	4	8	1	3	3	5	23	20	43	2·2	2·1	2·1	1·9
		...	261	180	156	122	149	139	161	185	137	150	171	188	1017	982	1,999	3·8	3·9	3·9	2·9

Annual Form No. XVI.—Deaths registered from *Injuries* by wards during each month of the year 1912.

1	2		3													4			5			6
Old Divisions	Wards.		No. of the corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1,000 during previous five years.
																Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward	...	3	...	...	...	...	2	1	1	...	1	...	3	2	7	3	10	0·9	0·4	0·7	0·4
	Centre "	...	2	1	5	2	2	3	2	1	2	...	1	1	...	12	8	20	0·6	0·4	0·5	0·4
	East "	...	1	...	...	...	1	2	...	1	...	...	2	1	...	6	1	7	0·6	0·09	0·3	0·3
2	North Ward	...	7	3	...	...	1	1	...	...	1	...	...	1	2	2	7	9	0·1	0·4	0·2	0·3
	Centre "	...	8	2	1	...	...	...	2	2	...	...	1	1	...	3	6	9	0·2	0·4	0·3	0·4
	South "	...	9	...	2	1	4	6	2	...	1	2	...	...	1	14	5	19	1·2	0·5	0·9	0·7
3	East Ward	...	4	2	1	...	...	1	1	...	...	...	...	...	...	4	1	5	0·5	0·2	0·3	0·5
	Centre "	...	5	...	...	1	1	...	...	1	1	...	...	...	...	3	1	4	0·2	0·1	0·2	0·3
	West "	...	6	...	1	...	...	...	1	...	1	...	...	1	...	3	1	4	0·2	0·09	0·2	0·5
4	4th Division	...	10	...	1	1	...	1	...	1	...	...	...	...	...	3	1	4	0·2	0·8	0·2	0·3
5	North Ward	...	11	...	1	1	3	1	1	1	...	1	...	...	...	5	4	9	0·2	0·2	0·2	0·4
	Centre "	...	12	1	...	2	1	1	...	1	...	...	...	3	2	9	2	11	0·6	0·1	0·4	0·4
	South "	...	13	...	2	...	2	1	...	...	...	1	...	...	2	4	4	8	0·3	0·4	0·3	0·4
6	North Ward	...	14	...	2	...	...	...	2	...	1	...	...	...	...	3	2	5	0·5	0·1	0·4	0·6
	South "	...	15	...	1	...	...	1	...	...	...	...	...	...	...	1	1	2	0·1	0·1	0·1	0·2
7	North Ward	...	16	1	2	1	...	1	...	...	3	...	2	1	...	5	5	11	0·4	0·4	0·4	0·5
	Centre "	...	17	2	1	4	...	1	...	...	1	...	...	1	1	7	4	11	0·4	0·2	0·3	0·4
	South "	...	18	...	...	1	1	1	1	...	...	...	...	1	2	6	1	7	0·4	0·06	0·2	0·2
8	East Ward	...	19	3	...	...	1	1	...	...	...	...	...	1	1	7	...	7	...	...	0·2	0·3
	West "	...	20	1	1	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	0·1	0·5
	Total	...	...	16	21	14	17	21	13	9	11	5	6	15	13	107	57	164	0·4	0·2	0·3	0·4

Annual Form No. XVII.—Deaths registered from *Other Causes* by wards during each month of the year 1912.

1	2		3												4			5			6
Old Divisions.	Wards.		No. of the Corresponding present division.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.			Ratio of deaths per 1,000 of Population.			Mean ratio per 1,000 during previous five years.
																Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward	...	3	28	13	16	17	15	17	8	30	16	26	34	32	130	121	251	16·6	16·6	16·6	15·7
	Centre "	...	2	78	50	58	43	48	41	50	49	78	69	99	120	407	376	783	20·0	18·6	19·3	23·8
	East "	...	1	34	16	24	8	20	21	20	28	22	45	41	35	157	157	314	16·1	14·9	15·5	18·9
2	North Ward	...	7	59	44	33	47	52	44	37	44	57	54	56	56	322	261	583	17·5	14·0	15·7	20·3
	Centre "	...	8	32	31	31	35	22	24	24	42	48	31	39	35	187	207	394	12·6	15·1	13·8	18·5
	South "	...	9	35	38	32	24	33	32	23	26	30	37	44	37	245	146	391	21·9	15·0	18·7	21·5
3	East Ward	...	4	18	13	19	13	16	8	14	15	12	15	18	21	94	88	182	11·0	14·6	12·5	20·5
	Centre "	...	5	21	24	11	18	7	16	12	21	15	12	11	19	95	92	187	9·4	10·2	9·8	15·9
	West "	...	6	37	17	27	30	18	19	28	27	29	21	22	18	143	150	293	11·9	14·4	13·0	17·6
4	4th Division	...	10	33	39	24	21	21	23	31	30	33	32	30	31	172	176	348	13·1	14·9	13·9	15·4
5	North Ward	...	11	48	46	35	40	33	41	32	60	40	55	57	70	288	269	557	13·6	13·2	13·4	14·9
	Centre "	...	12	29	32	31	31	28	21	29	43	31	46	38	51	225	188	413	14·8	12·9	13·9	12·9
	South "	...	13	52	22	22	24	34	21	28	24	37	43	32	38	170	207	377	13·7	18·3	15·9	16·7
6	North Ward	...	14	12	11	12	14	21	15	12	13	20	14	18	18	95	88	183	15·3	15·9	15·6	15·7
	South "	...	15	24	8	8	12	14	11	12	22	15	18	22	23	102	87	189	13·4	11·5	12·5	16·9
7	North Ward	...	16	39	29	30	35	28	21	40	40	42	39	47	36	228	198	426	16·8	15·0	15·9	17·1
	Centre "	...	17	87	67	60	57	58	47	47	77	65	76	80	91	395	417	812	20·1	21·9	21·0	20·1
	South "	...	18	57	42	31	45	41	34	53	50	27	54	51	48	279	254	533	16·7	15·7	16·3	18·2
8	East Ward	...	19	46	18	29	31	26	59	33	40	37	28	36	38	236	185	421	13·9	10·7	12·3	11·5
	West "	...	20	20	16	18	18	18	24	30	32	16	18	23	21	132	122	254	12·5	12·6	12·5	16·6
	Total	...	...	789	579	550	563	553	539	563	713	673	733	798	838	4,102	3,789	7,891	15·4	15·0	15·2	17·8

Annual Form No. XVIII.—Comparing the Deaths from some of the *Principal Diseases* during the year with the Deaths during the preceding four years.

Years.	Cholera.		Small-pox.		Measles		Plague.		Malaria.		Enteric Fever.		Other Fevers.		Dysentery and Diarrhœa.		Tubercle including tubercle of lung.		Respiratory System. Phthisis.		Respiratory System. Other diseases of the respiratory system.		Injury.		All other Causes.		Total Deaths.	
	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths.	Ratio per 1,000.	Deaths	Ratio per 1,000.
1908	1246	2·4	13	0·02	82	0·1	2	0·003	2756	5·4	36	0·07	1945	3·8	4225	8·2	138	0·2	717	1·4	623	1·2	250	0·4	10,222	20·0	22,285	43·7
1909	21	0·04	68	0·1	97	0·1	3	0·005	2514	4·9	41	0·08	1859	3·6	3701	7·2	128	0·2	646	1·2	871	1·7	321	0·6	9,081	17·6	19,354	37·9
1910	153	0·3	116	0·2	134	0·2	5	0·009	2376	4·6	42	0·08	2701	5·3	3635	7·1	459	0·9	208	0·4	1,566	2·9	148	0·3	8,834	17·3	20,312	39·8
1911	747	1·4	480	0·9	170	0·3	3	0·006	2884	5·6	52	0·1	1111	2·1	4854	9·4	760	1·5	203	0·4	2,048	3·9	138	0·3	8,321	16·0	21,771	42·0
Mean of the last four years.	542	1·0	169	0·3	121	0·2	3	0·006	2633	5·1	43	0·08	1904	3·7	4104	7·9	371	0·7	451	0·81	1,263	2·4	213	0·4	9,114	17·7	20,931	40·9
1912	374	0·7	106	0·2	95	0·2	1	0·002	2934	5·7	42	0·08	957	1·8	4897	9·4	572	1·3	219	0·4	1,780	3·4	164	0·3	7,891	15·2	20,132	38·8

Annual Form No. XIX showing a Complete Classification of Diseases arranged in the order adopted in the Nomenclature of Diseases.

	No. in the Nomenclature of Diseases.	Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Tota
Infective Diseases.	4	Beri-beri	...	...	...	...	...	...	1	...	...	...	1	1	3
	5	Cerebro-spinal Meningitis	...	...	3	...	1	1	...	5	3	2	1	13	29
	6	Chicken-pox	1	2	...	...	2	1	1	2	2	...	1	1	13
	7	Cholera	75	74	18	5	2	5	7	109	36	20	9	14	374
	10	Croup	...	...	...	...	...	...	1	...	1	...	...	...	2
	11	Dysentery	314	218	176	154	155	141	166	247	205	183	137	198	2294
	13	Enteric Fever	3	2	7	2	1	8	7	5	4	3	...	...	42
	14	Enteritis	258	182	183	163	222	190	262	301	182	190	191	279	2603
	15	Erysipelas	18	7	7	11	8	4	1	11	14	5	6	12	104
	22	Kala-azar	9	4	3	...	2	1	4	2	1	2	4	4	36
	23	Leprosy	8	8	9	8	6	8	7	6	7	6	10	4	87
	25	Malarial Fever	378	283	251	187	191	151	131	219	218	218	257	300	2784
		" " with Enlargement of Spleen	7	8	5	13	15	9	17	17	11	7	6	12	127
		" " Congestion of brain	...	...	...	...	...	...	1	1	...	...	...	...	2
		" " and Dysentery	2	...	1	1	...	2	1	2	3	4	2	3	21
	27	Measles	6	6	13	12	13	4	8	4	8	5	10	6	95
	28	Mumps	...	1	1	...	...	...	...	...	...	...	...	...	2
	31	Plague	...	...	...	...	...	...	...	...	...	...	...	1	1
	32	Pneumonia	47	55	42	29	30	36	45	41	33	42	43	38	481
	33	Pyæmia	...	...	...	...	...	...	...	...	1	2	...	...	3

	No. in the Nomenclature of Diseases.	Causes of Death.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Infective Diseases—(*contd.*)	34	Pyrexia of uncertain Origin	38	52	52	85	86	60	77	136	101	52	48	76	918
	35	Hydrophobia	1	...	...	1	...	...	...	...	...	...	...	...	2
	37	Rheumatism	8	8	7	6	8	8	4	8	6	6	1	2	72
	39	Septicæmia	2	1	2	3	5	8	8	3	3	3	8	5	51
		„ Puerperal	15	10	11	10	15	8	3	10	11	6	11	5	118
		Septic Fever	...	...	...	...	1	...	...	...	1	...	...	1	3
		„ Peritonitis	...	...	...	...	...	...	...	...	...	1	...	...	1
		„ Pneumonia	...	...	...	...	...	...	...	...	1	...	2	2	5
		„ Ankylosis	1	1	1	...	...	...	...	...	...	...	...	...	3
	41	Small-Pox	25	18	21	13	12	2	3	4	2	3	...	3	106
	42	Syphilis	6	10	7	6	6	4	3	4	4	2	...	2	54
	43	Tetanus	5	11	7	1	4	3	2	12	12	6	7	7	77
	44	Tubercle of lung including other Tubercular affections ...	71	59	60	21	52	54	59	65	68	34	59	70	672
	47	Whooping Cough	8	7	7	5	4	5	5	5	4	7	10	5	72
General Diseases.	61	Anæmia	3	4	1	7	4	2	4	2	5	5	5	2	49
	63	„ Pernicious	2	2	5	...	2	...	2	2	3	1	1	1	21
		„ and Dropsy	30	26	24	27	28	27	14	43	34	35	23	30	341
	66	Diabetes...	4	2	2	2	3	1	3	5	4	10	3	9	51
		Diabetic Carbuncle	...	1	2	...	1	10	5	2	2	5	...	...	28
		„ Coma	...	...	...	...	...	...	1	...	1	...	...	...	2
		„ Gangrene	...	...	...	1	1	2	...	...	3	...	3	1	11
	76	Rickets	...	1	...	...	...	1	3	...	1	5	1	2	14

Certain morbid conditions incident to various parts.	80	Tumour in the Abdomen	...	...	...	...	1	...	...	1	...	1	...	...	3
		„ Neck	...	1	...	1	...	...	...	...	...	1	1	...	4
		Sarcoma	...	...	...	...	...	...	...	...	...	...	...	1	1
		Cancer	5	3	2	4	2	3	...	2	2	3	2	2	30
		Ulcer	2	1	...	3	1	...	1	1	3	2	...	...	14
	81	Cyst	...	...	...	...	...	...	...	...	1	...	...	...	1
		Acids and Acid Salts.													
		Sulphuric Acid poisoning	...	...	...	...	...	...	...	1	...	1	...	...	2
		Animal Poisons.													
	88	Venomous of:—(*b*) Scorpion	...	...	...	1	...	1	2	2	2	...	...	...	8
		DISEASES OF THE SPINAL CORD AND MEMBRANE.													
		Membranes.													
Diseases of the Nervous System.	88	Meningitis	12	2	3	5	1	...	3	3	5	4	5	1	44
		DISEASE OF THE BRAIN AND ITS MEMBRANES.													
		Brain.													
	101	Cerebral Hæmorrhage	2	3	2	...	1	...	2	1	1	2	4	2	20
	108	Hydrocephalus	...	...	...	1	...	...	...	...	...	...	...	...	1
	109	Apoplexy	20	10	9	3	6	4	5	6	6	5	4	5	83
	110	Paralysis	16	12	6	9	8	10	6	6	6	9	16	16	120
		„ (a) Paraplegia	5	7	4	1	1	2	1	2	1	2	2	2	30
		„ (b) Hemiplegia	31	25	18	19	21	21	16	21	21	20	22	20	255
	115	Chorea	1	...	...	...	...	...	...	...	...	...	...	1	2
	123	Eclampsia	66	18	26	35	48	49	46	79	13	75	97	94	700
		„ Infantile	84	42	58	52	46	43	51	71	58	65	88	96	757
		„ Puerperal	7	5	6	7	4	9	1	9	8	6	4	1	70
	124	Epilepsy	5	1	4	2	3	...	1	...	1	1	1	3	22
	143	Neurasthenia	10	4	5	5	2	2	...	6	10	9	6	3	62

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
		DISEASES OF THE HEART.													
		Disease of the Endocardium.													
Diseases of the Circulatory System.	292	Endocarditis	...	...	...	1	...	1	...	...	...	...	...	1	3
	293	Valvular Disease	11	2	6	6	5	2	6	3	5	7	5	2	60
		" (1) Mitral	...	...	...	...	...	...	1	...	...	...	...	...	1
		Cardiac Failure	1	11	2	5	7	2	1	7	6	11	7	10	70
		Cardiac Dropsy	14	5	4	2	3	3	7	3	1	5	7	2	59
		Diseases of the Heart (not specified)	28	29	26	30	22	17	20	12	20	25	28	21	272
		Diseases of the Myocardium.													
	291	Myocarditis	...	...	...	...	...	...	...	...	1	1	...	1	3
	301	Aneurysm of the Aorta	1	1	...	...	...	...	...	...	...	...	...	2	4
		Cyanosis of Heart	11	3	1	2	4	1	1	3	2	9	5	2	44
	302	Angina Pectoris	...	1	1	...	1	...	...	...	...	1	...	1	5
	304	Syncope	2	1	1	1	1	1	...	...	2	...	1	1	11
		DISEASES OF THE BLOOD VESSELS.													
		Diseases of the Arteries.													
	322	Embolism of Arteries	...	...	...	...	...	...	...	...	...	...	...	1	1
		Diseases of the Respiratory System and strictly Local.													
System.	338	Asthma	24	14	10	8	11	9	9	14	10	8	11	13	141
		Diseases of the Larynx.													
	339	Laryngitis	...	..	...	...	...	...	...	...	...	1	...	...	1

		Diseases of the Trachea and Bronchi.													
Diseases of the Respiratory	404	Bronchitis (acute)	69	35	23	20	17	20	20	37	24	33	26	27	351
		" (chronic)	10	8	7	4	6	5	4	7	5	9	7	10	82
		" (a) Catarrhal	2	5	3	4	5	4	6	9	3	4	5	9	59
		Diseases of the Lungs.													
	411	Hæmoptysis	...	...	...	...	...	1	...	...	...	...	...	...	1
	413	Broncho-Pneumonia	72	44	47	39	57	39	44	51	36	31	49	62	571
	419	Phthisis	28	11	17	12	17	19	23	20	20	15	15	22	219
	422	Atelectasis	1	...	...	...	2	...	3	1	1	...	1	...	9
		Diseases of the Pleura.													
	425	Pleurisy	...	1	...	...	...	...	1	...	...	...	2	...	4
	426	Empyema	...	...	...	1	...	1	...	...	...	...	...	...	2
	428	Hydrothorax	...	...	...	...	...	...	1	...	...	...	...	...	1
		Diseases of the Mouth.													
Diseases of the Digestive System.	436	Stomatitis	...	...	1	1	1	2	...	...	1	1	...	2	9
	438	Cancrum Oris	...	...	2	...	...	...	1	...	1	...	...	1	5
		Diseases of the Teeth, Alveoli and Gums.													
	440	Disorders of Dentition Diarrhœa	3	1	2	4	6	9	5	5	1	2	1	2	41
		" Fever	1	...	...	...	1	1	2	...	2	1	1	1	10
		Diseases of the Stomach.													
	489	Gastritis Acute	4	2	3	2	1	3	1	2	1	...	1	3	23
		" Chronic	3	2	4	1	3	...	1	1	1	...	3	1	20
	499	Dyspepsia	11	8	8	9	7	5	14	20	9	15	11	8	125
	510	Gastralgia	1	...	...	1	...	...	...	2	1	...	3	1	9
		Diseases of the Intestines													
	515	Inflammation (2) Appendicitis	...	...	...	...	1	...	...	...	...	...	...	1	2

	No. in the Nomenclature of Diseases	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Diseases of the Digestive System.—*contd.*		*Diseases of the Intestines.—(contd.)*													
		Inflammation (3) Colitis	...	...	...	...	...	...	...	...	...	...	1	1	2
		" Gastro-Enteritis	18	17	12	17	18	28	48	51	18	24	15	16	282
	516	Ulceration of Bowels	...	...	...	...	...	...	1	...	...	...	...	2	3
	526	Sprue	1	...	...	...	...	...	...	...	...	1	...	1	3
	528	Hernia	1	3	2	2	2	2	2	2	2	2	3	1	24
		" (Strangulated)	7	3	5	31	1	2	1	6	2	1	4	5	18
	530	Intussusception	...	...	...	...	...	1	...	2	...	...	1	1	5
	536	Obstruction of Bowels	4	2	1	3	4	5	5	3	1	2	...	3	33
	539	Intestinal Catarrh	8	8	10	3	6	4	19	12	2	11	12	15	110
	545	Colic	...	2	...	...	...	...	...	...	...	...	...	3	5
		Diseases of the Rectum and Anus.													
	550	Fistula of Anus	1	1	...	1	...	...	...	...	...	1	1	...	5
	556	Piles	3	2	...	1	...	1	2	1	5	1	...	1	17
		Diseases of the Liver.													
	568	Hepatitis	5	...	3	2	1	...	3	2	4	2	...	...	22
		" (*b*) Cirrhosis of Liver	15	10	7	11	6	7	6	7	12	14	12	18	125
		Enlargement of Liver	...	5	3	3	...	2	1	3	1	...	1	...	19
	570	Acute Yellow Atrophy	...	1	...	...	1	...	...	...	...	1	...	1	4
	575	Jaundice	5	5	3	1	...	...	...	...	2	1	...	2	19
		Diseases of the Gall Bladder and Ducts.													
	576	Cholecystitis	...	...	...	1	...	...	...	...	...	...	...	1	2

	No. in the Nomenclature of Diseases	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Diseases of the Lymphatic System		*Diseases of the Peritoneum.*													
	588	Peritonitis	1	1	3	2	...	2	2	2	5	2	2	5	30
	590	Ascites	5	1	1	2	1	2	1	...	3	...	1	2	22
		Diseases of the Spleen.													
	592	Enlargement of the Spleen	6	3	2	3	1	...	1	1	...	3	1	...	21
		Diseases of the Lymphatic Glands.													
	615	Filariasis	5	1	5	3	2	1	3	2	2	1	1	2	28
		Diseases of the Lymphatic Vessels.													
	618	Elephantiasis of the leg	2	...	2	2	...	1	1	1	1	...	1	...	11
Diseases of the Urinary System.		*Diseases of the Kidney.*													
	651	Nephritis Acute	1	1	...	2	2	1	1	...	2	1	1	1	13
		Renal Dropsy	...	...	...	...	1	...	...	...	1	1	...	1	4
	652	Bright's Disease	13	6	12	11	5	12	10	6	7	3	11	12	108
		Disease of Kidney	...	...	...	3	1	...	...	1	...	...	...	...	5
		Diseases of Ureters.													
	671	Urinary Fistula	...	...	...	...	...	...	...	...	...	...	1	...	1
		Diseases of the Bladder.													
	676	Cystitis	...	1	...	2	...	1	1	1	...	1	1	...	8
		Urinary Disorders.													
	692	Suppression of Urine	...	...	...	...	...	...	...	...	1	...	1	1	3
	697	Albuminuria	2	...	...	...	1	...	1	...	2	1	1	...	8
		Uraemia	...	...	...	...	1	...	...	...	...	1	...	...	2
		DISEASES OF THE MALE ORGANS OF GENERATION.													
		Diseases of the Urethra.													
	712	Stricture of Urethra	...	2	1	...	2	...	1	1	1	...	1	...	9
	715	Extravasation of Urine	1	1	...	...	...	...	...	1	...	...	...	...	3

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Diseases of the Generative System.		*Diseases of the Scrotum.*													
	741	Cellulitis Scrotum	...	...	...	1	1	2	...	...	1	1	...	...	6
	742	Sloughing Scrotum	...	...	...	1	...	...	...	...	...	1	...	...	2
		Diseases of the Tunica Vaginalis.													
	754	Hydrocele	1	...	1	1	2	1	3	1	...	...	...	1	11
		Diseases of The Testicle.													
	757	Inflammation (1) Orchitis	...	...	...	...	...	1	...	...	...	...	...	...	1
		DISEASES OF THE FEMALE ORGANS OF GENERATION.													
		Diseases of the Fallopian Tube													
	773	Distension (*b*) Pyosalpinx	...	...	...	1	...	...	...	...	...	...	...	...	1
		Diseases of the Uterine Ligaments etc.,													
	783	Inflammation (*b*) Pelvic cellulitis	1	...	...	...	...	1	1	...	...	...	...	1	4
		Diseases of the uterus, including the Cervix.													
	787	Metritis	...	1	1	...	...	...	...	...	...	...	1	...	3
	797	Rupture of uterus	...	...	...	...	...	...	...	...	3	2	...	...	5
		Functional and symptomatic Disorders of the Female organs of Generation.													
	821	Menorrhagia	1	...	...	...	1	...	3	...	...	...	...	...	5
Affections connected with pregnancy.		*Affections connected with Pregnancy.*													
	831	Abortion	2	1	1	1	1	...	3	2	3	3	...	2	19
		Affections connected with Parturition.													
	839	Inertia of the Uterus	...	1	...	...	...	...	...	...	...	1	...	...	2
	852	Premature Birth	105	96	101	105	100	91	86	86	102	125	150	134	1,275
		Difficult Labour	2	1	...	2	...	...	2	1	2	...	1	3	14

	No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Affections connected with parturition.		*Affections consequent on parturition.*													
	8[illegible]	Post-partum Hæmorrhage	1	[illegible]	[illegible]	...	[illegible]	[illegible]	[illegible]	[illegible]	1	2	4	3	17
	855	Puerperal Causes :—													
		" Sapræmia	8	3	5	3	4	[illegible]	[illegible]	[illegible]	1	7	[illegible]	[illegible]	53
		" Tetanus	...	...	...	2	[illegible]	[illegible]	[illegible]	[illegible]	...	[illegible]	2	[illegible]	[illegible]
	870	Collapse after Confinement	[illegible]	—	...	2	[illegible]	1	1	[illegible]	...	...	[illegible]	...	7
Diseases of the Female breast.		*Diseases of the Mammary Gland.*													
	875	Mammary Abscess	...	...	...	...	...	...	...	...	...	1	1	...	2
Diseases of the organs of locomotion.		*Diseases of the Joints (Exclusive of the spine)*													
	903	Synovitis	...	1	...	...	...	1	...	...	...	...	1	1	4
Diseases of the Connective tissue.		*Diseases of the Connective Tissue.*													
	953	Abscess	10	4	10	3	12	4	9	9	12	6	8	6	93
	956	Oedema	5	5	1	3	3	6	7	1	4	5	6	4	51
Diseases of the Skin.		*Diseases of the Skin.*													
	962	Eczema	1	...	1	1	...	1	...	1	3	...	...	1	9
	966	Carbuncle	2	1	...	2	1	8	6	8	8	2	1	...	39
	972	Pemphigus	...	...	...	...	...	2	1	1	—	...	...	...	4
	1,030	Skin Diseases.	6	2	1	1	1	3	1	...	...	3	5	4	27
General Injuries.		*General Injuries.*													
	1025	Effects of Heat:—													
		(*a*) Burns and Scalds ...	4	2	2	1	3	1	...	3	1	3	3	7	30
		(*b*) Sun-stroke	...	...	...	2	2	...	1	...	...	...	...	...	5
	1030	Suffocation	5	3	4	8	3	5	4	11	6	5	4	4	62
		" by Drowning, Accidental ...	...	8	8	6	9	5	9	6	8	5	8	5	77
		" " Suicidal ...	...	1	...	1	2	2	...	1	1	1	...	2	11
	1031	Starvation	1	...	1	...	...	...	...	...	—	...	...	...	2

	No. in the Nomenclature of diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
General Injuries.—*cont.*	1033	Shock	...	...	1	3	3	1	...	1	...	...	2	...	11
		" due to the results of Extensive Burn ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		" " Hæmorrhage ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		" " after operation ...	3	...	...	...	...	...	...	3	3	1	...	...	10
		LOCAL INJURIES.													
		Injuries of Anatomical Regions.													
Local Injuries.	1092	Fracture of the Skull	2	3	...	2	3	2	1	2	...	...	...	1	16
	1096	Concussion of Brain	1	...	...	1	...	...	...	...	...	...	1	...	3
		Injuries of the Chest.													
	1156	Multiple Injury	3	2	1	1	...	1	...	1	...	1	...	...	10
		Injuries of the Back (including the whole Vertebral Column).													
	1160	Fracture of the Spine	...	1	...	2	1	...	...	...	...	...	...	2	6
		Injuries of the Abdomen.													
	1170	Gun-shot wound	...	...	1	1	1	1	1	...	...	...	4	...	9
		Ill-defined and Non-specified Causes.													
		Debility	42	45	47	38	13	40	49	66	70	80	96	117	733
		Old age	28	14	12	3	18	9	7	22	25	23	32	38	237
		Natural Causes	...	1	1	...	2	2	...	...	2	...	...	2	10
		Unknown	1	...	1	2	...	...	...	...	...	1	...	1	6

Annual Form No. XX.—Showing particulars of Vaccination during the year ending 31st December 1912.

Old Divisions.	Wards.	Corresponding present Division.	Population.	Number of Depots in each District.	Number of Vaccinators in each District.	Total Number of persons Vaccinated. Males.	Females.	Total.	Average number of persons vaccinated by each Vaccinator.	Primary Vaccination. Total. Males.	Females.	Total.	Successful. Under one year.	One year and under six years.	Six years and above.	Unknown.	Total.	Re-vaccination. Total.	Successful.	Unknown.	Percentage of successful cases in which the results were known. Primary.	Re-vaccination.	Persons successfully vaccinated per 1,000 of population.	Average annual number of persons successfully vaccinated during the previous five years. Number.	Ratio per 1,000 of population.	Average annual number of deaths from small-pox during previous five years. Number.	Ratio per 1,000 of population.	Average cost of each successful Vaccination.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1	East Ward ...	1	20,318	1	1	305	293	598		299	290	589	443	77	1	33	554	9	3	3	93·71	50·00	22·74	1,938	95·38	17	0·9	
	Centre " ...	2	40,635	1	2	1,958	1,535	3,593		1,140	1,361	2,501	2,041	263	7	57	2,368	1,092	394	240	94·56	46·24	81·11	1,618	39·82	15	0·3	
	West " ...	3	15,120	1	1	600	463	1,063		512	454	996	844	91	4	21	960	67	17	16	96·31	33·33	67·86	885	55·22	2	0·1	
2	East Ward ...	4	14,564	...	1	528	491	1,019		463	479	942	736	112	6	39	893	77	18	26	94·17	31·37	65·50	1,665	11·43	3	0·2	
	Centre " ...	5	19,179	1	...	366	349	715		289	342	631	463	115	...	23	601	84	17	24	95·07	28·33	34·3	524	27·32	7	0·4	
	West " ...	6	22,173	...	1	420	303	723		292	297	589	479	60	...	22	561	114	31	31	95·06	27·13	30·6	381	16·95	6	0·3	
3	North Ward ...	7	37,065	...	1	658	597	1,255		495	539	1,034	794	92	2	58	946	221	52	55	96·98	81·33	30·81	1,593	42·98	11	0·3	
	Centre " ...	8	28,585	1	1	546	473	1,019		188	455	943	810	56	...	32	898	70	21	21	95·66	38·18	33·79	1,188	41·56	12	0·4	
	South " ...	9	20,937	...	1	327	307	634		246	285	531	430	49	3	18	500	103	24	22	93·96	25·93	28·47	696	33·24	6	0·3	
4	4th Division ...	10	24,979	...	...	1,705	753	2,458	1,435	721	698	1,419	1,302	68	4	9	1,383	1,039	683	98	97·45	72·58	94·12	1,188	47·56	0·8	0·03	
5	North Ward ...	11	41,523	...	2	1,588	1,290	2,878		1,369	1,181	2,550	2,358	109	4	7	2,478	328	114	4	97·17	39·58	68·18	1,959	47·18	5	0·1	
	Centre " ...	12	29,776	1	1	1,119	797	1,916		877	734	1,611	1,452	104	1	12	1,569	305	157	18	97·37	61·02	62·33	2,020	67·84	3	0·1	
	South " ...	13	23,717	1	..	620	563	1,183		534	520	1,054	937	81	...	13	1,031	129	48	29	97·79	48·00	48·11	1,033	43·56	5	0·2	
6	North Ward ...	14	11,751	1	1	547	330	877		414	327	741	640	73	...	15	728	136	99	15	98·21	81·82	72·08	769	65·44	2	0·2	Anna seven and pies seven only.
	South " ...	15	15,180	...	1	564	281	845		394	268	662	576	61	1	14	652	183	141	19	98·46	35·98	53·49	929	61·00	4	0·3	
7	North Ward ...	16	26,752	1	2	1,006	841	1,847		668	558	1,226	1,066	101	1	13	1,181	621	264	84	96·29	39·16	65·42	1,740	65·04	4	0·1	
	Centre " ...	17	28,643	1	1	978	766	1,744		724	752	1,476	1,066	312	...	26	1,404	268	135	29	95·03	53·19	43·71	1,648	42·65	12	0·3	
	South " ...	18	32,851	...	1	1,045	841	1,886		839	823	1,662	1,030	556	1	13	1,600	224	118	9	96·24	54·88	56·74	1,256	38·05	14	0·4	
8	East Ward ...	19	34,358	1	1	489	490	979		434	456	890	709	143	6	9	86	89	42	24	97·39	64·62	27·53	1,185	34·49	8	0·2	
	West " ...	20	20,254	...	1	895	560	1,455		603	529	1,138	916	180	2	12	1,110	317	128	59	97·51	49·61	68·33	688	33·97	2	0·1	
	Total ...		5,18,660	11	20	16,274	12,423	28,697	1435	11,837	11,348	23,185	19,692	2,708	43	146	22,284	5,512	2,501	892	96·94	54·13	52·75	21,897	18·002	145	0·3	

Annu[illegible] Form XXI :—Statemen[illegible] owing [illegible] Births (Divisional and [illegible]ospital) registered during the official year 1911-12 and Vaccination of infants [illegible]

No.	Wards or Districts.	Total Births exclu[illegible] still-[illegible]	[illegible] born.	[illegible] under one year.	[illegible] number of infants surviving.	Number [illegible] infants vaccinated under one year.	Percentage of vaccination to births registered.
1		3	4	5	6	7	8
1	1st [illegible]ion.	585 **167**	.. **21**	179 **12**	3 **155**	92 **24**	54·[illegible] [illegible]
2	2nd „	1,497		423 **14**	**58**	708 **1**	47·25 [illegible]
3	3rd „	423 **50**		132 **2**		2[illegible] **16**	[illegible] [illegible]
4	4th „	605 **31**	... **7**	133 **2**		1[illegible] **5**	[illegible]6 [illegible]
5	5th „	414 **59**	1 **4**	104 **1**	310 **58**	82 **9**	19·76 **14·29**
6	6th „	335 **110**	... **8**	179 **1**	[illegible]	187	29·45 **8·47**
7	7th „	1,049	8 **19**	321 **17**		45	
8	8th „		1	255 **12**	543 **86**	3[illegible] 73	19·[illegible]
9	9th „	575 **55**	1 **3**	162 **3**	413 **52**	25[illegible] **15**	[illegible]
10	10th „	9	[illegible] **9**	183 **14**	712 **79**	4	6·67 **33·33**
11	11th „		[illegible] **15**	[illegible] **1**	1,019 **119**	8 **3**	6·56 **2·1**
12	12th „	857 **232**	18 **13**	200 **43**	657 **189**		[illegible]
13	13th „	595 **185**	5 **7**	138 **32**	157 **133**		
14	14th „	3[illegible] **4**	...	90 **5**	242 **40**	**13**	[illegible]
15	15th „	303 **90**	[illegible]	83 [illegible]	220 **73**	119 **20**	39·97 20·[illegible]
16	16th „	855 **111**	**19**	[illegible]	601 **75**	457 **59**	52·47 **45·38**
17	17th „	1,253 **135**	3[illegible] **2**[illegible]			7	4[illegible] [illegible]
[illegible]	18th „	1,119 **79**	2[illegible] **1**[illegible]		**1**	6[illegible]	3·38 [illegible]
19	[illegible]n „	736 **136**		**1**[illegible]	[illegible]		51·54 **8·84**
20	20th „	976 **124**			[illegible]8 **110**		14·26

N.B. Thi[illegible]res denote Hospi[illegible]

Annual Form No. XXII:—Statement showing the particulars of primary vaccination with different kinds of lymph during the official year 1912-13.

	Total number of operations.	Successful.	Unknown.	Percentage of success.
1	2	3	4	5
1. Calf lymph ...	...	...	...	...
2. Glycerine lymph ...	22,254	20,695	499	95·13
3. Lanoline lymph ...	...	...	...	...
4. Human lymph ...	...	...	...	...

Annual Form No. XXIII:—Statement showing the number of prosecutions instituted in the Vaccination department during the official year 1912-13.

Number of section of Act.	Nature of charge.	Number of cases instituted.	Number discharged.	Otherwise.	Number convicted.	Total fine inflicted.
1	2	3	4	5	6	7
						Rs. A. P.
Under Section 409 of Act No. III of 1904.	(1) For not bringing children to be vaccinated after notice ...	128	7	8	113	90 8 0
	(2) For not bringing children for verification ...	60	...	...	60	24 0 0

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V211, 61 of 8 x M12
M13