

ADMINISTRATION REPORT

OF THE

CORPORATION OF MADRAS

FOR

1908-1909.

MADRAS:
PRINTED BY THOMPSON & CO.,
33, POPHAM'S BROADWAY.

1909.

GENERAL.

	<i>Para.</i>		<i>Para.</i>
changes in the Constitution of the Corporation	1—7	Jubilee of the Royal Proclamation	12
e-instatement	8	Meetings	13—14
death of Commissioners	9	Committees	15—18
Executive Officers... ..	10	Reorganisation of Departments	19—21
Municipal Member in the Legislative Council	11	Tramways	22
		Electric Lighting	23
		Finance	24

RECEIPTS.

ax on Arts, &c.	25—27	Cart-stand Fees	68
ouse, Water and Drainage and		Sewage Farms	69
Lighting Taxes	28—36	Sale of Rubbish	70
Tax on Buildings and Lands ...	37—40	Income from Slaughter of Animals for	
Water and Drainage Tax on Build-		Food	71
ings and Lands	41—44	Income from Slaughter-houses ...	72
Lighting Tax do'	45—48	Income from Municipal Markets ...	73
Tax on Vehicles with Springs and		Private Markets	74
on Animals	49—53	Income from Dhobykhana	75
Tax on Carts and other Vehicles		License fees on import of Timber and	
without Springs	54—56	Firewood	76
Tolls on Vehicles and Animals en-		Fees for Licenses, Registration, &c. ...	77
tering Municipal Limits	57	Distrain Fees	78
Rent of Lands and Buildings ...	58	Fines under Munl. and other Acts ...	79
Payment for occupation of Muni-		Grants and Contributions	80
ci- pal Lands	59—63	Miscellaneous	81
Sale-proceeds of Lands	64	General Incidence of Taxation	82
Rent of Municipal Wharf	65	Advance Account	83
Esplanades Rents	66	General Remarks	84
Rent of Municipal Cart-stand ...	67		

EXPENDITURE.

Buildings—New Works	...	85—94	Plague Measures	...	...	185
„ Repairs	...	95	Conservancy	...	...	186—196
Communications—New Works	...	96—98	Sanitary Defects	...	...	197
„ Repairs	...	99—106	Sanitary Progress	...	...	198
Drainage and Water supply—Special Works	...	107	Measures for the reduction of high			
Drainage ordinary—New Works	...	108	Infantile Mortality	...	...	199
„ Repairs	...	109—110	Watering Roads	...	...	200
Water supply ordinary—New Works	...	111—116	Lighting	...	...	201—204
„ Repairs	...	117—121	Avenues	...	...	205
Miscellaneous	...	122	Public Parks	...	...	206—209
Administration	...	123—125	Fire Engines	...	...	210
Education	...	126—127	Other Charges	...	...	211
Hospitals and Dispensaries	...	128—132	Supervision and Management	...	...	212
Contributions	...	133—136	Repayment of Debts	...	...	213—214
Vaccination	...	137—157	Refund of other than current			
Vital Statistics :—			collections	...	...	215
Births	...	158—162	No. II Account	...	...	216

CONTENTS.

APPENDIX I.

	Page.
I. Statement of Revenues and Receipts	48—50
II. Do. of Expenditure	51—61
Do. of Liabilities and Assets	62—66
II-A. Details of Expenditure on New Works	67—72
II-A. Do. on Repairs	73—75
IV-A. Demand, Collection and Balance Statement of Taxes (Current)	76
IV-B. Do. do. do. (Arrear)	77
IV-B I. Outstanding arrears yearwar under the combined property taxes, &c.	78
IV-F. Gradation List	79
IV-G. Classification of Assessments under Tax on Vehicles with Springs and on Animals	80
IV-I. Receipts from the License Fees on Import of Timber and Firewood	81
IV-J. Processes adopted for realization of the various Taxes	82
IV-K. Statement showing the Analysis of the collection of each Tax at each stage	83
Statement of Loans	84
Account Current, General Fund	85
Do. Water and Drainage Fund	85
Do. Lighting Fund	86
Revenue and Capital Accounts	86
Statement showing the constitution of the Corporation of Madras	87

APPENDIX II.

Table No. 1. Expenditure under Capital Account	88
" 2. Statement showing details of work done under New Drainage	89
" 3. Statement showing particulars of contracts awarded in connection with the New Water-supply Scheme	90
" 4. Statement showing size and length of pipes laid during the year	91
" 5. Statement of Expenditure for opening Congested areas	92
" 6. Reforming roads	93
" 7. Repairs of roads thoroughly 2", 3" and 4" thick	94
" 8. List of Roads and streets reformed during 1908-09	94—97
" 8. Do. repaired during the year 1908-09	98—103
" 9. Statement showing the monthly rainfall and water level in the Red Hills Lake	104
" 10. Quantity of water used for non-domestic purposes	104
" 11. Table showing the prosecutions instituted—Works Department	105
" 12. Statement showing the prosecutions instituted—Health Department (Excluding Vaccination and Vital Statistic branches)	106
" 13. Statement of Applications for licenses received, granted and refused	107—109
" 14. Statement showing the work done by the Sanitary Inspectors and Conservancy Overseers in house inspections	110
" 15. Statement showing (action taken under Sections 308 and 309 of the Act	111
" 16. Do. Receipts and Disbursements of People's Park	112
" 17. Do. do. do. of Napier Park	112
" 18. Do. do. do. of Robinson Park	113
" 19. Do. do. do. of Loane Square	113

CONTENTS.

iii

Page.

Table No. 20. Statement showing number and cost of works executed by Workshops.	114
" 21. Statement showing in detail some of the more important work done in the Workshops	115
" 22. Statement showing the number and description of carts, &c., manufactured in the Workshops	116
" 23. Statement of new machinery installed in the Workshops during 1908-09.	117

APPENDIX III.

Educational Statistics	118—120
-------------------------------	---------

APPENDIX IV.

Report of Royapettah Hospital	121
Report of Rajah Sir Ramasawmy Mudaliar Lying-in-Hospital	122
Report of George Town Dispensary	123
Report of Bauliah Naidu Dispensary	123
Report of St. Thomè Dispensary	124
Report of Victoria Caste and Gosha Hospital	125
Statement showing the diseases treated in Hospitals and Dispensaries	127
Statement showing the attendance of patients treated, the income and the expenditure of the Hospitals and Dispensaries	128
Vaccination Tables	129—131

APPENDIX V.

Vital Statistics	132—139
-------------------------	---------

CORPORATION OF MADRAS.

Report of the President from 1st April 1908 to 31st March 1909.

Changes in the Constitution of the Corporation.

1. *Election.*—The lists of persons qualified to be elected as Commissioners and of persons qualified to vote were revised during the year in conformity with the provisions of Section 46 of the Madras City Municipal Act III of 1904, with the result that 504 persons were found qualified to be Commissioners and 8,276 to vote at elections, the corresponding figures for the preceding year being 509 and 7,856 respectively. The percentage of persons qualified to be Commissioners to the total literate adult male population of the City was 0.734 and that of persons qualified to vote to its total adult male population both literate and illiterate was 5.663.

2. During the year under report, 2 elective seats fell vacant and both were contested. The first election was held on the 20th June 1908 for filling up a vacancy for the 20th Division and resulted in the election of M.R.Ry. V. C. Sessa Charriar Avargal, B.A., B.L. At the second election held on the 4th July 1908 for filling up a vacancy for the 13th Division, M. R. Ry. T. Rangachariar Avargal B.A., B.L., was duly elected. The percentage of voters who exercised their franchise was 70.21.

3. *Representatives of the Chamber of Commerce.*—Mr. A. Scholl appointed on 5th February 1907, continued to hold office. On Messrs. C. W. Prest and W. A. Beardsell resigning their office Messrs. W. B. Hunter and H. N. C. Campbell were appointed on 7th April and 4th August 1908 respectively.

4. *Representatives of the Trades Association.*—Mr. R. M. Savege appointed on 17th December 1907 continued to hold office. Mr. W. H. Murch was appointed on 28th April 1908 in the room of Mr. C. J. Higgs resigned. Mr. E. A. MacMillan appointed on 3rd September 1907 vacated his seat on 19th May 1908 owing to failure to attend 3 consecutive General Meetings. Mr. W. M. Wales was appointed as his successor on 7th July 1908 but ceased to be a Commissioner on 6th October 1908 owing to failure to attend 6 consecutive meetings. In his stead Mr. J. O. Robinson was appointed on 17th November 1908.

5. *Representative of the Harbour Trust Board.*—Mr. J. S. Heaney, I.C.S. appointed on 11th February 1908, died on 6th December 1908 and was succeeded by Mr. C. G. Todhunter, I.C.S., on 22nd December 1908.

6. *Representative of the Madras and Southern Mahratta Railway Company.*—Mr. Albert Edwards who was appointed on 25th February 1908 continued in office.

7. *Nominations by Government.*—Mr. W. D. Smith and Major C. H. L. Palk, I.M.S., were appointed on 2nd March 1909 and 19th January 1909 respectively in place of Lt.-Col. R. F. R. Formby and Major C. G. Webster, I. M. S., resigned. Mahomed Sheriff Sahib, Khan Bahadur, M.R.Ry. Dewan Bahadur N. Subrahman-yam Avargal and Mr. E. S. Hensman nominated on 17th December 1907 and Mr. C. L. Bidie and Major C. Donovan, I. M. S. nominated on 26th June 1906 and 6th August 1907 respectively continued to hold office. Mr. H. S. Duncan who was appointed on 17th December 1907 ceased to be a Commissioner on 18th August 1908 in consequence of failure to attend 3 consecutive General Meetings and the place was filled by Mr. R. G. Grieve on 22nd September 1908.

Reinstatement.

8. Dr. T. M. Nair, Mr. T. Richmond, Lt.-Col. R. F. R. Formby, Major C. Donovan, I.M.S. and Mr. Albert Edwards who ceased to be Commissioners under Section 54 of the Act for failure to attend 3 consecutive General Meetings were reinstated by the Corporation under the provisions of Section 55 at its Meetings held on 16th June, 21st July, 18th August and 15th December 1908 and 26th February 1909 respectively and Messrs. R. M. Savege and E. S. Hensman who vacated their seats on account of absence from 6 consecutive meetings were reinstated at the Meeting held on 20th October 1908.

Death of Commissioners.

9. During the year M.R.Ry. N. Kistnasawmy Naidu, elected Commissioner of the 13th Division and Mr. J. S. Heaney, I.C.S., Commissioner appointed by the Harbour Trust Board, died and the Commissioners placed on record their sincere regret at the losses sustained.

Executive Officers.

10. Captain T. S. Ross, I.M.S., Health Officer, who was on leave for 16 months from 12th April 1907 resumed charge of his office on the 12th August 1908. M.R.Ry. Rao Sahib T. Raghaviah Garu, who was appointed to act as Revenue Officer was confirmed on 4th January 1909.

Municipal Member in the Legislative Council.

11. Under the provisions of G.O., No. 38, Legislative, dated 6th May 1908, the Hon'ble Rao Bahadur P. Theagaraya Chetti was recommended by the Corporation at its Meeting held on 16th June 1908 as its representative on the Legislative Council in the room of Sir V. C. Desika Charriar who vacated his seat on his being appointed as Judge, Court of Small Causes, and the Governor-in-Council was pleased to nominate him accordingly as per Notification No. 11, dated 29th June 1908, in the *Gazette of Fort St. George*.

Jubilee of the Royal Proclamation.

12. The Corporation at its Meeting held on 6th October 1908 passed a resolution expressing its loyalty to the Crown and contributed a sum of Rs. 250 with the sanction of Government towards the expenses of the Loyalists celebration of the Jubilee of the Royal Proclamation.

Meetings.

13. During the year the Corporation held 24 meetings of which 12 were General Meetings, 7 Special Meetings, 1 Adjourned General Meeting and 4 Adjourned Special Meetings. The average attendance of Commissioners at each Meeting was 25 as against 24 in the previous year.

14. The Standing Committee met 30 times.

Committees.

15. The Corporation considered the further report of the Committee appointed to suggest means for the separation of the Sanitary and Conservancy Staffs, Health Department, at its Meeting held on 16th June 1908 and forwarded to Government its proposals in the matter. The Government in G. O. No. 1229 M., dated 24th July 1908, sanctioned the proposals which were given effect to in September 1908.

16. The sittings of the Committee appointed by the Corporation on 31st May 1907 to draw up water by-laws have been deferred till the New Water-supply and Distribution Schemes approach completion.

17. The Committee appointed by the Corporation on 17th March 1908 for consideration of the Memorandum from Government No. 4299/L., dated 9th November 1907, on the verdict of the jury on the collapse of a building at College Road, Nungambaukam, and to offer suggestions on Building Regulations, submitted on 15th August 1908 its report which still awaits the consideration of the Corporation.

18. *Moore Market Improvement Committee.*—A Sub-Committee of the Standing Committee to consider proposals for the improvement of Moore Market was appointed by the Standing Committee on 15th May 1908. The Sub-Committee submitted on 18th December 1908 its report to the Standing Committee who recommended for the consideration of the Corporation the inclusion in the Budget, of an estimate for Rs. 20,000 for an interior verandah and another estimate for Rs. 50,000 for a subsidiary market, to take the place of the Gujili bazaars. The Corporation included the same in the budget for 1909-10 which has received the sanction of Government.

Reorganisation of Departments.

19. The reorganisation of the Health Department has been dealt with in para. 15 of this report.

20. As regards the Revenue Department Government in their order No. 317 M., dated 24th February 1908, appointing Rao Sahib T. Raghaviah as Revenue Officer of the Corporation, requested him to take steps for the thorough reorganisation and reform of the department and to submit his report to Government through the President. His report with the remarks of the President was forwarded to Government who referred it to the Corporation for consideration. The resolution of the Corporation on the proposals of the Revenue Officer was

duly forwarded to Government whose orders thereon were received only after the close of the year.

21. The necessity for a similar reorganisation of the Stores and Workshop branches of the Works Department having become apparent the Mechanical Engineer who was placed in superior charge of these institutions was directed to submit a special report upon them. The report was submitted shortly after the close of the year.

Tramways.

22. In Government Order No. 1137 M., dated 13th July 1908 the President was requested to enquire from the Tramway Company what proposals it proposed to make for widening the Government House Bridge, strengthening the Penitentiary Bridge and widening the road past the Penitentiary should the Government modify their previous orders so as to allow a single line of Tramway over the Penitentiary and Mount Road route joining the line on Walajah Road. The Joint Manager of the Tramway Co. was accordingly addressed on the subject and his views on the proposal were forwarded in August 1908 to Government whose orders thereon are awaited.

In G. O., No. 2117 M., dated 19th December 1908, Government in order to minimise the danger to the public and to remove the inconvenience caused to persons using the narrow streets of Chintadripet by the congestion of traffic occasioned by the Tramway, resolved by a notification to reduce the speed of the Tramway cars when passing through Chintadripet from 6 miles to 3 miles an hour and while passing through the facing points in Chintadripet from 4 miles to 2 miles an hour.

Electric Lighting.

23. Tenders for an installation in Mount Road and at some important corners on other roads were called for by advertisement but consideration of the tenders received had to be deferred pending settlement of the question whether the Electric Supply Corporation Co., Ltd., would bear half the cost of providing the lamp posts and laying branch wires from the mains up to a limit of 75 yards. An undertaking to execute an agreement to this effect was made in 1904 but the Managing Directors of the Electric Supply Corporation consider that this can only be held as binding if Messrs. Crompton & Co. are accepted as contractors. The matter was referred to a Committee of the Corporation after the close of the year.

Finance.

24. The year under report opened with a balance of Rs. 14,31,894-12-3 against Rs. 7,29,016-0-5 in the preceding year. The revenue from all sources, including a loan of Rs. 4 lakhs from Government for the improvement of Water-supply and Drainage, amounted to Rs. 26,89,038-11-3 against the actuals in the preceding year of Rs. 25,99,808-2-4, which included a special contribution of Rs. 5 lakhs from Government for the improvement of Water-Supply and Drainage. The total receipts for the year including the opening balance were thus

Rs. 41,20,923-7-6 against Rs. 33,28,824-2-9 in 1907-08. The net income of the year after deducting the opening balance and the loan from Government was Rs. 22,89,038-11-3 against Rs. 20,99,808-2-4 in the preceding year, the increase in revenue over that of the previous year being thus Rs. 1,89,230-8-11. Of the net income of Rs. 22,89,038-11-3 specified above, Municipal taxes contributed Rs. 15,78,493-4-1 and other receipts Rs. 7,10,545-7-2, against Rs. 13,91,669-14-4 and Rs. 7,08,138-4-0 in 1907-08, or Rs. 1,86,823-5-9 and Rs. 2,407-3-2 respectively over the actuals of 1907-08. The total expenditure of the year was Rs. 23,06,523-6-4 against an estimate of Rs. 27,96,890 and against Rs. 18,96,939-6-6 the actuals of the previous year. Deducting the above expenditure of Rs. 23,06,523-6-4 from the total receipts of Rs. 41,20,923-7-6, there remained at the close of the year a balance of Rs. 18,14,400-1-2, of which Rs. 9,56,666-7-3 represented the balance of Loan account.

Tax on Professions, Arts, Trades and Callings.

Current.

25. The number of assessments under this head of taxation rose from 10,728 to 12,048, and the gross current demand from Rs. 1,21,680 to Rs. 1,40,310, or by 15 per cent. in the year under review. Rs. 1,166-0-9 were remitted on appeal during the year, leaving the net demand at Rs. 1,39,143-15-3. 16 appeals were taken to the Presidency Magistrates under Section 175 of Act III of 1904 against the decisions of the Board of appeal. In 3 of these appeals, the decision of the Board was upheld. In 2 the assessments were reduced and in 6 the assessments were cancelled and 2 appeals have been referred to the High Court under Section 176 of the Act and are still pending decision. The remaining 3 appeals are pending decision by the Magistrates.

26. The current collections amounted to Rs. 1,86,467-11-5 inclusive of Rs. 17-8-0 received in advance for the ensuing year against an estimate of Rs. 1,27,600 and against Rs. 1,10,812 collected in the previous year. Rs. 5 were written off as irrecoverable, and the balance at the end of the year which was mostly covered by appeals pending before the Board of appeal was Rs. 2,688-11-10 against Rs. 10,443 in the preceding year. Out of this balance, a sum of Rs. 1,823-11-10 has since been collected, Rs. 110 has been remitted and Rs. 755 still remains outstanding. The incidence of taxation per head of the population was Re. 0-4-5 against Re. 0-3-10, and the percentage of collection to the demand was 98.06 against 91.39 in the previous year and was the highest on record.

Arrear.

27. The balance of previous years outstanding at the commencement of the year was Rs. 14,489-3-4 which rose by subsequent assessments to Rs. 15,216-11-4, the corresponding figure for the previous year being Rs. 7,512-11-0. As the outstanding arrears extended as far back as 1902-03 and were very large, they were subjected to a rigorous examination as the result of which a sum of Rs. 9,116-2-3 was collected during the year against Rs. 2,880-10-9 in the preceding year. Arrears to the extent of Rs. 1,899-2-8 were found to be erroneous demands and

had to be cancelled. A sum of Rs. 97-8-0, was remitted by the Appeal Board against a sum of Rs. 585-12-11 similarly cancelled in the previous year, and Rs. 3,333-14-5 were written off by the Standing Committee as irrecoverable, leaving a balance of Rs. 770 at the close of the year against Rs. 4,046-3-4 in the preceding year. Out of this balance, a sum of Rs. 167-8-0 has since been collected. The percentage of actual collection to demand under arrears was 68.96 against 41.59 in the preceding year.

House, Water and Drainage and Lighting Taxes combined.

28. The gross current demand on account of the property taxes for the year under report amounted to Rs. 12,09,051-1-0. The increase in the demand contributed by revision of assessments was Rs. 16,054-0-0 which was, however, reduced by Rs. 2,221-13-0 by the Appeal Boards as the result of their decisions on appeals.

29. The net increase in consequence of revision of assessments was thus Rs. 43,832-3-0 as against Rs. 32,210-9-9 in 1907-08. The net demand stood at Rs. 12,06,829-4-0 for the year. The net current collections made during the year taken together with Rs. 6,460-3-5 collected in the preceding year in the shape of taxes paid in advance for the year under report, amounted to Rs. 11,51,407-3-9. These figures do not include Rs. 4,163-15-11 collected during the year in advance for the ensuing year and Rs. 560-11-1 refundable to parties on account of reduction of valuations on appeal. Remissions granted on account of vacancy under Section 142 and for other causes aggregated Rs. 10,954-9-1 and items written off as irrecoverable amounted to Rs. 84-10-2.

30. The balance left uncollected at the close of the year was thus Rs. 44,382-16-0. The percentage of collection to the demand was 95.41 as against 89.85 in 1907-08. The incidence of taxation per head of population was Rs. 2-5-11 against Rs. 2-4-6 in the previous year. The following Table exhibits the total Demand, Collection, Remission and Balance under the combined current property taxes as compared with the corresponding figures for 1907-1908.

Year.	Gross Demand.		Reduction 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.	
1908-09	12,09,051	1 0	2,221	13 0	12,06,829	4 0	11,51,407	3 9	11,039	3 8	44,382	16 0	95.41
1907-08	11,67,213	10 7	4,216	9 7	11,62,997	1 0	10,44,952	15 11	11,483	12 5	1,08,045	4 8	89.85

Arrear under the combined property taxes.

31. The year opened with an arrear demand of Rs. 1,29,428-5-7 which by subsequent amendments and additions in the demand rose to Rs. 1,31,063-8-3.

The collections for the year on account of the arrear demand amounted to Rs. 1,15,521-14-7. Remissions on account of vacancy and other causes aggregated Rs. 4,512-15-5 and the irrecoverable items written off amounted to Rs. 1,650-9-0 leaving a balance of Rs. 9,378-1-3 outstanding on 31st March 1909. Civil suits have been or are being instituted for the recovery of Rs. 4,375-13-6 out of the above amount. The arrear balance remaining to be actually collected or otherwise dealt with in the current year is thus only Rs. 5,002-3-9. The percentage of collection to the demand was 88.14 against 69.02 in the previous year.

32. The following table shows the total demand, collection, remission and balance under the combined arrear property taxes, as compared with the corresponding figures for the year 1907-1908 :-

Year.	Outstanding at the beginning of the year		Subsequent amendments and additions.		Total.		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.	
1908-09	1,29,428	5 7	1,685	2 8	1,31,063	8 3	1,15,521	14 7	6,163	8 5	9,378	1 3	88.14
1907-08	87,991	5 11	159	1 10	88,150	7 9	60,839	11 0	4,412	11 10	22,868	0 11	69.02

33. A systematic investigation of arrear items was taken on hand and special efforts were made to wipe off old arrears. Comparative figures of yearwar arrears outstanding at the end of the year under report and the year preceding are shown in statement IV-B1, Appendix I.

34. Out of the total balance of Rs. 53,760-14-3 left outstanding both under arrear and current at the end of the year under review Rs. 37,744-12-8 has already been realized and adjusted up to the end of June 1909, leaving Rs. 16,016-1-7 to be further dealt with for recovery and adjustment in the course of the current year.

35. The percentages of collection made during the year, viz., 95.41 under current and 88.14 under arrear were the highest on record.

36. The three property taxes, viz. :-

- (1) The tax on buildings and lands.
- (2) The water and drainage tax, and
- (3) the lighting tax will next be considered severally.

Tax on Buildings and Lands levied at the maximum rate of 10 per cent. on the Annual Value.

Current.

37. The gross current demand for the year was Rs. 6,81,833-14-9, the net demand for the previous year being Rs. 6,55,880-5-7. The total increase from revision of assessments during the year amounted to Rs. 25,953-9-2. Rs. 8,826-6-0 of this amount was derived from the general revision of assessments in the whole of the 4th, 5th, 6th and 7th Divisions. the revised assessments of

the 4th and 5th Divisions taking effect only from the second half of the year, and Rs. 8,167-12-7 was derived from the remaining Divisions chiefly in the shape of assessments imposed on new buildings, and enhancement of assessments on buildings added to or improved. A portion of the increase under the latter head is also due to enhancement of assessments in consequence of information obtained either personally by the Revenue Officer in the course of his inspections or called for and obtained under Section 132 of the Municipal Act. The remaining Rs. 7,959-6-7 represents the enhancement in assessments which were made in 1907-08 and had effect for the whole year under report as against only one-half of the preceding year in which the revision actually took place.

38. The gross demand of Rs. 6,81,833-14-9 was reduced after the disposal of appeals to Rs. 6,80,582-3-1. Out of 5,092 cases in which assessments were enhanced, 542 were appealed against; appeals were also preferred against 137 standing assessments, the total number of appeals for the year being thus 679 as against 724 in the previous year. These appeals were disposed of at 7 sittings of the Appeal Boards with the result that in 474 cases the assessments were reduced, the amount of reduction granted being Rs. 1,251-11-8, and in the rest, the assessments were confirmed. The net increase gained by the revision of assessments during the year was thus Rs. 24,701-13-6 against Rs. 18,146-12-11 in the previous year. No appeals were taken to the Presidency Magistrates under Section 175.

39. The current collections during the year amounted to Rs. 6,48,492-8-1 which includes a sum of Rs. 2,348-2-2 being taxes relating to the ensuing year and prepaid in advance for appeal purposes in the year under report and Rs. 815-14-8 being the reduction in assessments made by the Appeal Board and refundable to parties. Excluding the latter two sums, the net collection for the year amounted to Rs. 6,45,828-7-3 which with Rs. 3,639-9-8 collected in the preceding year in advance on account of taxes for the year under report, aggregated Rs. 6,49,468-0-11 against an estimate of Rs. 6,38,740 and against a net collection of Rs. 5,89,819-10-0 in the preceding year. The amount remitted on account of vacancy, reduction of assessments on appeal, and other causes was Rs. 6,480-12-4 against Rs. 7,100-4-3 during 1907-08; while Rs. 47-10-11 were written off as irrecoverable. The balance outstanding at the end of the year was thus Rs. 24,871-6-0 against Rs. 59,571-8-9 in the preceding year. The percentage of collections to the demand was 95.43 against 89.93 in the previous year, the incidence of taxation per head of population being Re. 1-5-0 against Re. 1-4-7 in the previous year.

Arrear.

40. The outstanding demand at the beginning of the year was Rs. 73,225-8-1, which, by subsequent amendments and additions, rose to Rs. 74,236-13-7, against Rs. 50,944-2-7, the corresponding figure for the previous year. The collections amounted to Rs. 65,274-0-11 against an estimate of Rs. 64,380 and against Rs. 34,921-9-2 the actuals of the previous year. On account of vacancy and other causes, Rs. 2,615-11-10 were remitted, and Rs. 1,007-6-9 were written off as irrecoverable, against Rs. 1,450-11-4 and Rs. 917-14-9 respectively in the

previous year. The balance outstanding at the close of the year was Rs. 5,339-10-1, against Rs. 13,653-15-4 in the previous year, the percentage of collection to the demand being 87.93 against 68.55 in the previous year.

Water and Drainage Tax on Buildings and Lands.

41. This tax was levied at the maximum rate of 6½ per cent. on the annual value except in 41 cases where the lower rate of 4½ per cent. was levied in consideration of the concerned properties being outside the populous parts of the city. This tax is payable at the same time and subject to the same conditions as the House Tax.

Current.

42. The net demand under this head amounted to Rs. 4,41,162-9-0 against Rs. 4,25,119-6-4 in the previous year, the increase of Rs. 16,043-2-8 being due to the revision of assessments made during the year.

43. The current collections of the year amounted to Rs. 4,20,146-15-3 inclusive of Rs. 1,522-5-5 received in advance for the ensuing year and Rs. 205-4-9 refundable to parties on account of reduction of valuations on appeal. Excluding these two items, the net collection of the year amounted to Rs. 4,18,419-5-1 which, with Rs. 2,365-10-9 collected in the previous year on account of taxes for the year under report, amounted to Rs. 4,20,784-15-10 against an estimate of Rs. 4,14,490 and against Rs. 3,81,541-6-3, the net collections of the previous year. The remissions on account of vacancy, reduction of assessments on appeal, and other causes amounted to Rs. 4,177-6-8 against Rs. 4,593-5-0 in the previous year. Rs. 30-15-9 having been written off as irrecoverable, the balance outstanding at the end of the year was Rs. 16,354-14-3 against Rs. 39,387-13-3 in the previous year. The percentage of collections to the demand was 95.38 against 89.75 in the previous year. The incidence of taxation per head of population was Re. 0-13-10 against Re. 0-13-4 in the preceding year.

Arrear.

44. The demand outstanding at the beginning of the year was Rs. 46,833-13-1. This was increased by subsequent amendments and additions to Rs. 47,330-7-6, the corresponding arrear demand for the previous year being Rs. 30,682-0-9. The collection during the year was Rs. 41,985-13-0 against an estimate of Rs. 41,150 and against Rs. 21,462-2-5 in the previous year. Remissions granted on account of vacancy and other causes amounted to Rs. 1,568-13-3, and writes off to Rs. 501-9-10 against Rs. 1,397-14-7 and Rs. 375-15-11 respectively in the previous year. The balance outstanding at the end of the year was Rs. 3,324-3-5 against Rs. 7,445-15-10 in the previous year. The percentage of collection to the demand was 88.60 against 69.95 in the previous year.

Lighting Tax on Buildings and Lands.

45. This is the only tax which is not levied at the maximum rate. It continued to be levied at the rate of 1½ per cent. on the annual value.

Current.

46. The net demand under this tax amounted to Rs. 85,084-7-11 against Rs. 81,997-5-1 in the previous year, the increase of Rs. 3,087-2-10 being due to revision of assessments made during the year.

47. The current collections of the year amounted to Rs. 81,032-4-0 inclusive of Rs. 293-8-4 received in advance for the ensuing year and Rs. 39-7-4 refundable to parties on account of reduction of valuations on appeal. Excluding these two items, the net collections of the year amounted to Rs. 80,699-4-0 which, with Rs. 454-15-0 collected in the previous year on account of taxes for the year under report, amounted to Rs. 81,154-3-0 against an estimate of Rs. 79,840 and against Rs. 73,591-15-8, the net collections of the previous year. Remissions granted on account of vacancy and other causes and reduction of assessments made on appeal amounted to Rs. 803-7-10 against Rs. 880-13-1 in the previous year, and Rs. 5-15-6 were written off as irrecoverable. The balance outstanding at the end of the year was Rs. 3,156-8-9 against Rs. 7,600-14-8 in the previous year, the percentage of collection to the demand being 95.38 against 89.75, and the incidence of taxation per head of population Rs. 0-2-8 against Rs. 0-2-7 in the previous year.

Arrear.

48. The demand outstanding at the commencement of the year was Rs. 9,369-0-5 which rose by subsequent additions to Rs. 9,496-3-2, against Rs. 6,524-4-5 in the previous year. The collections during the year were Rs. 8,312-0-8 against an estimate of Rs. 8,250 and against Rs. 4,455-15-5 collected in the previous year. Rs. 328-6-4 was remitted on account of vacancy and other causes and Rs. 141-8-5 was written off against Rs. 182-6-2 and Rs. 117-13-0 respectively in the previous year. There was thus a balance of Rs. 714-3-9 left at the close of the year against Rs. 1,768-1-9 in the previous year. The percentage of collection to the demand was 87.53 against 68.30 last year.

Tax on Vehicles with Springs and on Animals.

Current.

49. The demand under this head of taxation was Rs. 96,189-14-0 against Rs. 95,835-2-0 in the previous year. Rs. 1,187 out of the latter sum were found, in the course of the investigation made during the year under report, to have been erroneous assessments and had, in consequence, to be remitted. Deducting this from the figure given above, the net demand for 1907-08 was only Rs. 94,648-2-0. The subjoined table compares the numbers of Vehicles and Animals of each class assessed during the year under report with those assessed in the preceding year. Further details of classification will be found in Statement IV-G., Appendix I.

Description of Vehicles and Animals.		Number assessed in 1906-09.	Number assessed in 1907-08.
I. (a)	Four-wheeled vehicle with springs drawn by two or more horses	271	323
(b)	Four-wheeled vehicle with springs propelled by electricity, gas, steam or any other mechanical power	250	210
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, bulls or bullocks	2,907	3,066
III.	Two-wheeled vehicle with springs drawn by one or more horses, mules, bulls or bullocks	2,884	2,926
IV.	Bicycle or tricycle propelled by electricity, gas or steam	96	69
V.	Every other bicycle, or tricycle	3,146	2,849
VI.	Every other vehicle with springs—		
(a)	Perambulator	487	568
(b)	Tricycle	1,479	1,064
(c)	Hand cart with springs	79	76
VII.	Horse over thirteen hands	3,441	3,599
VIII.	Horse of or under thirteen hands	1,311	776
IX.	Horse of or under eleven hands	922	1,540
X.	Bullock or Bull	7,189	7,400
XI.	Male Buffalo	30	23
XII.	Ass	107	119
XIII.	Dog	3,582	3,145

50. 40 vehicles propelled by gas or steam and 27 motor bicycles were assessed during this year in excess of those assessed in the year previous. This increasing use of motor vehicles, and their much greater efficiency as conveyances than carriages drawn by animals, explain to some extent the fall in the numbers of high class carriages and horses assessed during the year under review. It is questionable whether the tax payable on motor cars should continue to be as low as that imposed on a single horse four-wheeled vehicle and the horse harnessed to it. The further extension of the use of motor vehicles may lead to an appreciable loss of revenue to the Corporation from Vehicle and Animal tax, if the tax on motor vehicles is not increased. In the year under review, there was a marked advance in the number of bicycles, rickshaws, and dogs assessed. More horses of the VIIIth class and fewer of those of the IXth were assessed; the total number under both the classes remaining, however, nearly equal. This is due to greater care being taken in measuring horses for purposes of assessment. Owing to the extension of the departmental system of conservancy in the city during the year under review, as many as 790 private bulls ceased to pay tax to the Corporation. The fall in the number of bulls taxed during the year was, however, only 211, the deficit having been made up by the discovery and assessment of other bulls which had previously escaped taxation.

51. Owing to the compulsory registration in the Police Commissioner's Office of motor-cars, motor-cycles and hackney carriages of all descriptions let out on daily hire and the check consequently afforded to this office by the Police

Registration Records, there is not much chance of these classes of conveyances escaping taxation in this city. That this is so is evidenced by the fact that the number of motor-cars licensed in Madras during 1908-09 *viz.*, 250 is very nearly equal to the number licensed in the much richer city of Bombay in 1907-08. Private carriages and horses, bicycles, jinrickshaws and dogs are therefore the classes of Vehicles and Animals to which it is necessary to look for cases of escape of assessment. It is a matter for satisfaction that under all these classes, with the exception of private carriages and horses, there was a marked increase in the assessments in the year under review, and it is hoped that continued efforts and vigilance will bring in a further addition to assessments in the coming years.

52. The current collections of the year were Rs. 94,463-2-7 inclusive of Rs. 1,030-12-0 received in advance for the ensuing year. The net collections amounted to Rs. 93,432-6-7, which with Rs. 1,049-8-0 collected in the previous year on account of taxes due for the year under report aggregated Rs. 94,481-14-7, against an estimate of Rs. 91,700 and against Rs. 90,871-0-2, the actuals of the previous year. The balance left at the close of the year for further adjustment was only Rs. 1,707-15-5 against Rs. 4,736-5-10 in the previous year. Out of this balance, Rs. 414-10-8 have since been collected and Rs. 379-5-10 remitted as due to incorrect assessments, and the actual balance still remaining to be collected or adjusted is only Rs. 913-14-11. The incidence of taxation per head of the population was $\frac{\text{Rs. 0-1-9. V}}{\text{Rs. 0-1-3. A}}$, the corresponding figure for the previous year being the same. The percentage of collections to demand was 98.26 for vehicles, and 98.17 for animals against 94.83 and 94.81 respectively for the previous year, and was the highest on record.

Arrear.

53. The balance outstanding at the commencement of the year was Rs. 4,831-11-5 for vehicles and Rs. 8,564-7-0 for animals, which by subsequent amendments and additions rose to Rs. 4,891-11-5 and Rs. 8,604-3-0 respectively. The corresponding figures for the previous year were Rs. 5,046-8-5 and Rs. 3,972-5-10 respectively. Out of this arrear demand which extended as far back as 1902-03, Rs. 1,895 under vehicles and Rs. 750-12-0 under animals were found on investigation to be erroneous assessments and were consequently cancelled. The net demand stood at Rs. 3,496-11-5 for vehicles and Rs. 2,853-7-0 for animals. Rs. 1,584 on account of vehicles and Rs. 1,297-14-10 on account of animals were collected during the year against Rs. 1,321-12-0 and Rs. 1,032-2-8 respectively in the previous year; and Rs. 1,795-11-5 under vehicles and Rs. 1,443-7-7 under animals were written off as irrecoverable against Rs. 1,316-9-0 and Rs. 1,217 respectively in the previous year. The outstanding balances at the close of the year under these heads amounted to Rs. 117 and Rs. 112-0-7 against Rs. 2,089-11-5 and Rs. 1,570-1-2 respectively in the previous year. The percentage of collection to demand was 45.30 for vehicles and 43.49 for animals against 27.96 and 27.02 respectively in the previous year.

Tax on Carts and other Vehicles without Springs.

Current.

54. The demand under this head of taxation was Rs. 80,294 against Rs. 30,030 in the previous year. The number of carts registered on voluntary application rose from 6,317 in the previous year to 6,552 in the year under review. 3,546 carts were seized under Section 152 against 3,693 in the previous year. The difference of 147 was more than counterbalanced by the increase of 231 carts in the number voluntarily registered. Of the total number seized 3,529 carts were released on payment, and 13 were sold, leaving 4 carts remaining unclaimed in the godown at the close of the year.

55. The current collections of the year amounted to Rs. 30,402-2-9 inclusive of Rs. 729 received in advance for the ensuing year. The net collections were Rs. 29,673-2-9, which with Rs. 561 collected in the previous year toward the demand of the year under report aggregated Rs. 80,234-2-9 against an estimate of Rs. 29,614 and against Rs. 29,984-13-9, the actuals of the previous year. Rs. 21 were remitted and Rs. 26-13-3 written off as irrecoverable, leaving at the close of the year a balance of Rs. 12 being the tax on the 4 carts remaining unclaimed at the godown. The incidence of taxation per head of population was Re. 0-0-11, the corresponding figure for the previous year being the same. The percentage of collection to demand was 99.80 against 99.85 in the previous year.

Arrear.

56. The arrear demand at the beginning of the year was Rs. 18 which by subsequent assessments rose to Rs. 30. Out of this sum, Rs. 26-6-1 were collected and the balance, *viz.*, Rs. 3-9-11 was written off as irrecoverable. The percentage of arrear collection to arrear demand was 87.93.

Tolls on vehicles and animals entering Municipal limits.

57. The farming of the right to collect tolls leviable under Section 164 was sold as usual by public auction for the year under report for Rs. 42,300 against Rs. 44,100 in the previous year. The income derived during the year was Rs. 39,942-2-3. The balance outstanding at the end of the year, *viz.*, Rs. 2,357-13-9 was due to the last instalment not being fully paid within the year. This balance has since been recovered with penal interest. The incidence of Tolls per head of population was Re. 0-1-8 against Re. 0-1-5 in the previous year.

Revenue derived from Municipal Property and Powers apart from Taxation.

58. *Rent of Lands and Buildings.*—A sum of Rs. 26,573-2-1 was collected under this head against an estimate of Rs. 19,500. The track rent of Rs. 3,575 paid by the Electric Tramway Co. was by mistake omitted from the estimate. Rs. 1,360-2-8 were paid for temporary leases, &c. in the People's Park, while Rs. 1,800 of the balance represent the adjustment of

59. *Payment for occupation of Municipal lands under Section 408.*—The demand under this head of Revenue was Rs. 6,935-11-0 under quarterly and Rs. 1,026-14-4 under monthly charges or Rs. 7,962-9-4 in the aggregate, the corresponding figures for the preceding year being Rs. 6,529-0-0, Rs. 921-14-0 and Rs. 7,450-14-0.

60. The amount collected during the year was Rs. 7,363-2-4 against an estimate of Rs. 6,850 and against Rs. 6,530-12-0, the actuals of the preceding year. The balance outstanding at the end of the year, was Rs. 599-7-0 against Rs. 920-2-0 in the preceding year. 158 objections were received against the charges during the year under report of which 2 remained undisposed of at the end of the year. The percentage of collections to the demand was 92.48 against 87.65 of last year.

61. The demands for the quarterly charges are, it should be noted, issued on the basis of lists of encroachments furnished by the Overseers of the Works Department. Attempts were made during the year to make these lists accurate and the measurements contained in them correct. The P. O. L. Conicopillays were deputed to accompany the Overseers during the preparation of the lists and help them to introduce fixity and accuracy in the assessments by getting for them the names of the real encroachers, the door numbers of the premises adjacent to the encroachments, &c. This partly accounts for the increase both in the quantum of demand, and in the percentage of collections. The lists are, however, still far from perfect and further efforts made in the same direction during the current year will, it is hoped, yield satisfactory results.

62. A good deal of the balance left at the end of the year will, probably, have to be cancelled in the course of the current year, after investigation, as erroneous demands. Prompt steps are being taken to collect what is recoverable.

Arrear.

63. *Payment for Occupation of Municipal lands.*—The arrear demand at the commencement of the year was Rs. 3,675-8-0 which by supplemental assessments rose to Rs. 3,717-6-0 of which, Rs. 646-13-1 was collected. Rs. 22-4-0 was remitted on objection and Rs. 2,995-8-11 was written off as being irrecoverable, leaving a small balance of Rs. 52-12-0 outstanding at the end of the year pending further investigation during the course of the current year. The percentage of arrear collections to arrear demand was 17.51 against 14.95 in the previous year. As apprehended in paragraph 67 of the Administration Report for the previous year, investigation has shown that items of this nature tend to become irrecoverable if not collected within the quarter or month to which they relate. This circumstance explains the large amount of arrear charges that had to be written off.

64. *Sale-proceeds of Lands.*—Against an estimate of Rs. 500 a sum of Rs. 733-2-0 was collected. This is an uncertain item. Permission is from time to time given by the Standing Committee for the erection of tombs and monuments

in public burial and burning grounds at the rate of 8 annas per square foot. Such permissions seem to partake more of the nature of a license than a sale. There were no genuine sales during the year.

65. *Rent of Municipal Wharf.*—The usual rent of Rs. 1,600 was not collected as the wharf was under repairs, the Elephant Gate Wharf being used in its place.

66. *Esplanades Rents.*—The income under this head during the year was Rs. 921-5-7 against Rs. 750-11-9 in the previous year and against an estimate of Rs. 920.

The right of collecting rents from the esplanades including grazing, circuses and cart-stand for a period of 1 year from 1st April 1909 to 31st March 1910 was sold by public auction in February last for Rs. 760 against Rs. 920 last year.

67. *Rent of Municipal Cart-stand.*—The amount collected under this head during the year was Rs. 2,790-0-0 against Rs. 2,602-5-11 in the previous year and against an estimate of Rs. 2,790-0-0.

The right of collecting rents from the cart stand at the Elephant Gate Bridge and the 8 bazaars attached thereto for a period of 1 year from 1st April 1909 to 31st March 1910 was sold by public auction in February 1909 for Rs. 2,860 against Rs. 2,790 at the previous sale.

68. *Cart-stand Fees.*—A sum of Rs. 795 was collected against an estimate of Rs. 810 and against Rs. 787-8-0 in the previous year.

69. *Sewage Farms.*—The actual amount collected from the Cassimode Sewage Farm Contractor was Rs. 41,247-8-0 while the abandoned sewage farms yielded Rs. 2,900. The total amount realized under this head was therefore Rs. 44,147-8-0 against an estimate of Rs. 44,030 and Rs. 40,213-13-8 the actuals of the previous year, the excess over the estimate being due to penal interest imposed on the Cassimode Sewage Farm Contractor for late payment.

70. *Sale of Rubbish.*—The amount realized under this head was Rs. 18,935-8-6 against an estimate of Rs. 18,850 and against Rs. 17,977-11-0 the actuals of the previous year. The right of removing rubbish from the Manally and Korukupet Depots and from Brick-kiln Road Rubbish Depot and Mylapore Wharf for one year from 1st April 1909 to 31st March 1910 was sold by public auction in February 1909 for Rs. 9,200 and Rs. 10,750 respectively against Rs. 11,710 and Rs. 6,640 at the previous sale.

71. *Income from Slaughter of Animals for food.*—The income derived from the fees payable under Section 334 of the Municipal Act was 49,313-1-11 against Rs. 62,059-7-9 in 1907—1908 and against an estimate of Rs. 49,300. During the year under report, the Municipal Slaughter-house at Chulai was, as promised in paragraph 76 of the last Administration Report, closed with effect from 1st

house was sold for 6 months from 1st October 1908 to 31st March 1909 for Rs. 6,800. It was resolved by the Corporation to close the private Slaughter-houses at Meersahibpet and Mylapore and the Municipal Slaughter-house at Monegar Choultry from 1st April 1909 and this has accordingly been done.

The fall in income as compared with last year is due partly to the want of competition at the time of auction and partly to the failure of the Corporation to recover the dues for the period of the previous year's strike, the suits filed having proved unsuccessful on technical grounds. The want of competition at the auction may have been due to uneasiness as to the effect the rumoured closure of the smaller slaughter-houses would have upon the butchers.

The right of collecting fees and rents from the Beef and Mutton Slaughter-houses at Perambore and from the Pig Slaughter-house for 1 year from 1st April 1909 to 31st March 1910 was sold by public auction in February last for Rs. 68,361 against an estimate of Rs. 72,000. During the year under review 288,947 sheep, 13,020 cattle and 916 pigs were slaughtered in the Municipal Slaughter-houses while those slaughtered under licenses granted under Section 835 amounted to 922 sheep, 1 cattle and 9 pigs.

72. *Income from Slaughter-houses.*—The amount collected from rents and fees under Section 331 of the Act was Rs. 24,716-9-4 against Rs. 28,194-5-1 in the previous year and against an estimate of Rs. 24,300.

73. *Income from Municipal Markets.*—The total amount collected from the Municipal markets was Rs. 32,303-13-7 against Rs. 31,490-3-9 in the previous year and against an estimate of Rs. 32,070. The income from the Smithfield Market was Rs. 5,900-10-0 against Rs. 5,510 in the preceding year and against an estimate of Rs. 5,970. The amount collected from the Moore Market during the year was Rs. 26,403-3-7 against Rs. 25,980-3-9 in the previous year and against an estimate of Rs. 26,100. The contractor for this Market became insolvent in the early part of the year leaving two months' rent unpaid. Departmental collections during the remainder of the year however more than made good the estimate. Steps are being taken to recover from the defaulting contractor the arrears due in respect of the contract, but without much prospect of success. From the 1st July 1908, the right of collecting rents for occupying the Gujili Bazaars alone to the east of the market was sold separately by public auction for 9 months at Rs. 3,920 per annum.

The right of collecting rents from the Smithfield Market for 1 year from 1st April 1909 was sold by public auction for Rs. 5,360 against Rs. 5,510 the amount of previous contract and against an estimate for Rs. 5,510.

The right of collecting rents from the Gujili Bazaars attached to the Moore Market for 1 year from 1st April 1909 was sold by public auction for Rs. 5,600 against Rs. 3,920 of the previous sale. The Moore Market proper continues to be managed departmentally.

74. *Private Markets.*—The amount of license fees collected during the year was Rs. 3,475 against an estimate of Rs. 3,450. One new market was opened

during the year making the total number in the City 45. The number shown in paragraph 79 of last year's report should have been 44.

75. *Income from Dhoby-khana.*—The income from this source during the year was Rs. 360 as in the year previous. The contract for the current year has been again let to the same contractor for the same amount.

76. *License fees on Import of Timber and Firewood.*—The fees continued to be levied at the rates notified in G.O., No. 9 M. Mis., dated 14th February 1899. Rs. 5 per ton for timber, Rs. 2-0-0 for inferior redwood, Rs. 1½ for palmyra rafters, bamboos, casuarina and junglewood posts, and annas 6 for firewood. The gross amount collected for the year under report was Rs. 1,81,784-2-0 against Rs. 2,02,741-11-6 in the previous year (for details vide Appendix I. Statement IV-I). Out of the gross collections, a sum of Rs. 21,790-8-0 was refunded in account of exports as against Rs. 23,159-6-7 during the preceding year, and the net collection stood at Rs. 1,59,993-10-0 against an estimate of Rs. 1,45,000 and Rs. 1,79,582-4-11, the net collections of the previous year. This source of revenue and its improvement were dealt with at length by the Revenue Officer in his Special Report, paragraphs 46 to 65. No material improvement can be expected under it until the introduction of larger superior control over the work of the Municipal Staff, but it may be noted that the income under this head for the year under report, although less than that of the previous year (when there were exceptionally heavy imports by sea) by Rs. 19,589 was greater than that of any other past year. The fall in income from the fees on firewood is evidently due to the extension of Government firewood sales in the city, which is gradually supplanting private trade in that article.

77. *Fees for Licenses, Registration, &c.*—The licensing work hitherto performed by the Health Department was this year brought under the direct control of the License Superintendent. The amount collected under this head including fees for private markets and cart-stands was Rs. 53,722-0-3.

Details will be found in Table No. 13, Appendix II.

The fees levied under the Petroleum Act showed a further fall to Rs. 2,069 against Rs. 2,406 in 1907-08.

The question of levying a license fee on the manufacture, storage and sale of Tobacco, Cigar, Cigarettes and Snuff as a means of enhancing the Municipal revenues was considered during the year and proposals were submitted for the orders of Government. After considering the opinions of the Chamber of Commerce and the Trades Association in the matter, the proposals were negatived by Government in G.O., No. 328 M. dated 4th March 1909.

A question was raised as to whether persons who for the purpose of storage and trade in commodities licensable under the Act occupy any portion of the remises vested in the Port Trust Board are bound to take out licenses under the Municipal Act and pay the fees prescribed. The point was referred to the Advocate-General who was of opinion that such fees were clearly recoverable. They were accordingly imposed.

A revised schedule of fees was sanctioned in G.O. No. 1,934 M. of 20th November 1908.

78. *Distrain fees.*—The amount of fees realized from distrains under Section 185 as per rates specified in Schedule X thereof, amounted to Rs. 1,006-7-7 against an estimate of Rs. 1,000 and against Rs. 844-14-4 the actuals of the previous year.

79. *Fine under Municipal and other Acts.*—The amount realized under this head during the year under report was Rs. 2,420-8-2 against an estimate of Rs. 2,000, and against Rs. 2,778-6-6, the actuals of the previous year.

Grants and Contributions.

80. Contributions from Government amounted to Rs. 76,100 against Rs. 5,53,670 in 1907-08 and were made up of :—

(1) The usual annual contribution of Rs. 32,050 to supplement the general revenues of the Corporation.

(2) A subsidy of Rs. 29,050 towards the payment of educational grants and

(3) A special grant of Rs. 15,000 for the improvement of congested areas in the city.

Miscellaneous.

81. The receipts under this head amounted to Rs. 1,41,327-12-4 against an estimate of Rs. 1,22,450 and against Rs. 1,46,020-5-7, the actuals of the previous year. The decrease occurs principally under payment for water taken for non domestic purposes.

General Incidence of Taxation.

82. The incidence of taxation per head of population under all taxes including Tolls rose from Rs. 2-11-9 to Rs. 3-1-7 in the year under report and excluding Tolls it was Rs. 3-0-4 against Rs. 2-10-4 in the previous year. The population figure adopted for determining the above incidence, is the census figure of 1901.

Advance Account.

83. The amount outstanding at the beginning of the year was Rs. 1,09,440-10-7 which was made up of Rs. 90,880, being the permanent advances held by the several Corporation Officers including Stores and Rs. 18,560-10-7 being miscellaneous advances. Special endeavours were made during the year to adjust the old outstanding miscellaneous advances, with the result that out of Rs. 18,560-10-7 under that head, Rs. 17,561-10-9 was adjusted, leaving at the end of the year a balance of only Rs. 998-15-10 of which Rs. 969-5-5 or nearly the whole amount was in the hands of the Health Officer and his subordinates, being money advanced for meeting plague and similar charges of a recurring character. The permanent advance amount was also reduced during the course of the year by Rs. 115. The fresh advances made during the year consisted of Rs. 450 under permanent and Rs. 62,626-3-9 under miscellaneous. The latter sum includes a temporary advance of Rs. 50,000 made to the Corporation by the Government and Rs. 11,208-9-0 advanced

to the Special Deputy Collector for acquisition of lands in congested areas. The advances outstanding at the close of the year were thus Rs. 91,215 under Permanent and Rs. 63,625-3-7 under Miscellaneous or Rs. 1,54,840-3-7 in the aggregate, against Rs. 1,09,440-10-7 at the end of the previous year.

General Remarks.

84. The above paragraphs again show a great improvement in the finances of the Corporation. The net income of the year was Rs. 1,89,230-8-11 more than that of 1907-08 which was Rs. 1,86,562-1-8 better than 1906-07, which year again was better by Rs. 1,69,994-7-3 than the year before. The chief feature to be noticed in the year under review is that the rise is due to better collection, the rates of taxation having remained the same as in the previous year. Of the total increase, Rs. 1,86,823-5-9 or 98.73 per cent. was contributed by Municipal taxes, the remainder Rs. 2,407-3-2 from other receipts being only 1.27 per cent. of the whole. A very large proportion of the arrears has now been collected and in future years it will therefore be necessary to look for increase, if at all, to better administration of the current taxes and to the development of the sources from which other receipts are derived.

EXPENDITURE.

Grant I.—(Public Works.)

BUILDINGS.

New Works.

85. *Hospitals and Dispensaries.—Contagious Diseases Hospital.*—The Military Land to the north of the Harness Factory required as a site for this Hospital was not handed over by the end of the year and the construction of the Hospital could not therefore be commenced.

86. *Royapettah Hospital.*—Plans and estimates for the reconstruction and enlargement of this Hospital were prepared and submitted to the Government for sanction on the 4th August 1908. They were returned approved with slight modifications in G.O., No. 236 M., dated 14th February 1909. Tenders for the construction of the Hospital have since been called for by advertisement. The bazaars and buildings on the site acquired in the previous year were demolished and a compound wall with iron gates erected.

87. *Rajah Ramasawmy Mudaliar's Maternity Hospital.*—A compound wall 10 feet high was constructed and the uralite shed provided for contagious cases was furnished with a wooden ceiling.

88. The cholera and small-pox sheds attached to the Monegar Choultry were floored with Cuddapah slabs.

89. *Georgetown Dispensary.*—An iron tank on masonry pillars was supplied and a "tip up" basin provided. Drains around the operation room were built and glazed windows with sun-shades were fixed on the eastern wall. The compounders and dressing rooms were floored with Cuddapah slabs.

90. *Model Buildings.*—The construction of the Model Paracherry on Cemetery Road, referred to in paragraph 97 of the previous year's report, was completed at a cost of Rs. 37,859, the expenditure during the year amounting to Rs. 18,790. The Paracherry was speedily filled and has proved a great success.

91. *Model Schools.*—The uralite roofing provided for the school at Teynampet erected in the previous year having been found unsuitable was replaced with one made of Mangalore tiles. A latrine was also built for the use of the school.

The best method of providing accommodation for elementary school having been under discussion it proved impossible to spend during the year the full grant of Rs. 6,000. After some hesitation the Standing Committee eventually sanctioned the building of a small school at Kistnampet which it is intended to hand over to the Committee of the Olcott Panchama Free Schools and the enlargement and improvement of the Corporation School Building at Chetput.

These works were commenced towards the close of the year. The Director of Public Instruction has been meanwhile addressed on the general question.

92. *Works carried out for the Health Department.*—(a) The work of constructing a Sheep Slaughter-house at Gantz Road, Perambur, was completed at a cost of Rs. 52,635, expenditure during the year amounting to Rs. 34,267.

(b) Ten latrines (five double) were erected in the 1st, 2nd, 8th and 20th divisions.

(c) Quarters for the Moore Market Superintendent were erected on the terrace of the Market at a cost of Rs. 3,562.

(d) A Pig pen was constructed in connection with the Pig Slaughter-house, DeMellow's Road.

(e) A compound wall and a gate were put up around the Sunni Burial ground near the Sewage Farm.

(f) The site of the Kistnampet Conservancy Depot, formerly under lease, was acquired at a cost of Rs. 4,320. New sheds were built in the Kistnampet, Barbers Bridge and Burial Ground Depots and were begun in the Chulay Depot. The straw yard of the Harris Road Depot was fenced and fencings were ordered for the straw yards in other depots. A contract was let for construction of drivers lines behind the Burial Ground Depot, Washermanpet: the work however was given out late as the original design did not meet with the approval of the Standing Committee and was commenced only towards the end of the year.

93. *Other Works.*—(a) Among the more important of these may be mentioned the construction of an office for the Mechanical Engineer at the Corporation Workshop and the reconstruction of the retaining wall of the Trevelyan Basin. The Basin was also thoroughly cleared of silt at a cost of Rs. 2,017 charged to Grant III. Conservancy Contingent.

(b) A cook room was added to the Assistant Engineer's Bungalow at Red Hills and two sheds were constructed for steam road rollers. Details of these and other miscellaneous works and information as to expenditure will be found in Appendix I, Statement II A., Part I.

94. *The New Corporation Office.*—In October 1908 the plans and estimates for the main building prepared by Mr. G. S. T. Harris were forwarded to Government for scrutiny and approval. Government in G. O., No. 428 M., dated 20th March 1909 accorded their sanction to the same, subject to the modifications suggested by the Chief Engineer. The estimate as revised accordingly by Mr. Harris amounts to Rs. 4,63,192.

Plans and estimates for the record room and out houses have also been prepared and were submitted to Government for approval—just after the close of the year (in April 1909).

Government in their order No. 815 M., dated 16th May 1908, having approved of the proposal of the Corporation to call for tenders for the supply of bricks—in advance of sanction of the plans and estimates—a contract has been

entered into with Mr. Pattabirama Rao for the supply of bricks to the value of Rs. 1,04,000. The bricks are being manufactured in a specially built Bull's Patent Trench Kiln.

Repairs.

95. Repairs done to Municipal Buildings and the cost of the same are shown in Appendix I, Statement II-A., Part II.

Communications.

New Works.

96. A bridge was constructed in the 14th Division at the junction of Subroya Chetty 4th lane and Connoor Road, at a cost of Rs. 4,000. The work was completed during the year but not paid for in full.

97. Three culverts were constructed, one in the 6th Division, another in the 11th Division and a third in the 14th Division.

98. Land was acquired for the widening of the corner at the junction of Poonamallee High Road and Sydenham's Road and the building thereon demolished. Cost Rs. 9,222. Appu Mudaly Choultry Street, Mylapore, was widened and a small street opened in continuation of Veerabudra Achari Street, Goya Tope, at a cost of Rs. 130 and Rs. 359 respectively.

Repairs.

99. During the year only one furlong and 178 yards of unmetalled roads were metalled for the first time. This was chiefly due to the difficulty experienced in procuring laterite. 9 miles 3 furlongs and 180 yards of mud roads were however raised, graded and spread with gravel at a cost of Rs. 9,860.

100. The work done in the reform of roads charged to Works Department grants was as follows :—

The number of squares of 100 sq. feet laid was 40,822, which is equivalent to 38.65 miles of road 20 feet wide against 38.46 miles in the previous year.

The quantity of materials used in reform work was... { Blue granite ... 9,62,188
Laterite ... 1,89,310

The quantity of materials used in patch work was ... { Blue granite ... 73,316
Laterite ... 62,110

101. The cost including materials, cartage and laying but exclusive of rolling was Rs. 1,66,494 as regards the 38.65 miles of roads completely reformed or about Rs. 4,307 a mile as compared with Rs. 3,954 per mile last year. The difference is due chiefly to the more extended use of granite and to the fact that more roads were laid 4" thick. The comparative figures for granite reform being—

	Granite 4"	Granite 3"	Granite 2"
1907-08 ...	15,088	11,504	1,489
1908-09 ...	18,230½	12,686½	Nil.

the figures being in squares in each case.

102. From Statement II-A, Appendix I, it would appear that though Rs. 2,89,040 was provided in the Revised Estimate on communications in general, yet work to the value of only Rs. 2,26,314 has been carried out. As a fact, however, work to the amount of Rs. 2,33,333 was actually given out to the contractors and completed during the year though not fully paid for.

103. The Revised Estimate grant further includes the sum of Rs. 22,000 arrears of previous year paid for during the year under report. The difference therefore between the sum of these two figures and the revised budget allotment or Rs. 33,707 represents the value of work that might have been given out in addition to that which was done. The above amount includes Rs. 12,757 savings from estimates and to estimates amounting to Rs. 12,495 not being put in hand during the year, which amount together with Rs. 8,455 for which no estimates were prepared has lapsed. The failure to work up to the revised estimate figures is due principally to the difficulty experienced in getting laterite from the laterite contractor.

104. The following culverts were repaired :—

The culvert in Monegar Choultry Road.

Do Acharappan Street.
Do Sembu Doss Street.
Do Jones Street.
Do Basin Bridge Road.
Do Nicholas Road.
Do Spur Tank Road.
Do Connur Road.
Do South of Connur Road.
Do Chinna Kilpaukam Road.
Do Grams Road and Lane.
Do Chamiers Road.

105. The retaining walls in Gantz Road near the Bridge and Dams Road between Harris Bridge and Mount Road were thoroughly repaired.

106. Repairs to Bridges.—Munro Bridge was thoroughly repaired and petty repairs were done to the majority of the bridges over the Cooum and the Buckingham Canal.

Drainage and Water Supply—Special Works.

General.

107. (1). As stated in the last Administration Report, the new Special Engineer took charge of his duties in December 1907. He was instructed to organize a separate department for the new Water-supply and Drainage Works. The Department has been divided into two distinct sections.

- Waterworks Section.
- Drainage Section.

Mr. Nowroji was appointed Assistant Engineer for the Waterworks Section and joined the Department on 1st February 1908. Mr. E. P. Richards, who

was selected as Drainage Assistant from 150 candidates took charge of his post on 30th July 1908.

(2). For the works to be carried out by the Special Works Department certain materials and machinery such as Cement, Steel Pipes and Pumping Machinery have to be obtained from England. For the purpose of supervising the inspection and testing of such materials and machinery, and for advertising and advising on contracts let in England the Corporation on 3rd July 19 entered into an agreement with the Firm of Messrs. James Mansergh and Son of 5 Victoria Street, Westminster to act as English Agents.

Waterworks Section.

(3). *Contracts for Conduits etc.*—Good progress has been made in the work of this section, although it was somewhat hampered during the last quarter by the illness of Mr. Nowroji who, after struggling with bad health from the beginning of the year, was obliged to take three months' leave from 22 February 1909. In the absence of any one to act for him, the Special Engineer looked after his work in addition to his own duties.

The preparation of specifications and of revised and detailed drawings has occupied a great deal of the time of the Department.

The following is a list of the contracts which have been let :—

No. of Contract.	Description of work to be done.	Amount of Tender.		Progress to 31st March '09
		Rs.	A. P.	
1	Construction of 2 blocks of Drivers' Quarters with subsidiary works at Kilpauk ...	7,952	6 3	Completed.
2	Construction of about 11,536 lineal feet of conduit and accessory works ...	1,21,190	15 2	Manufacture of bricks and collection of materials in progress.
3	Construction of about 12,296 lineal feet of conduit and accessory works ...	1,30,607	9 0	
4	Construction of a Settling Basin and 13,177 lineal feet of conduit and accessory works ...	2,84,911	18 2	
M. & M. No. 1	Supply of Steel Pipes and accessories ...	80,745	0 0	Delivery in progress.
M. & M. No. 2	Supply of English Portland Cement ...	87,750	0 0	In progress.
	Landing, clearing, carting &c., of Steel Pipes.	1,962	10 1	
	Ironwork for conduit ...	2,632	14 0	Completed.
	Cement Shed ...	310	0 0	Completed.
		1,079	2 0	
	Stores Shed ...	350	0 0	Completed.
		1,026	0 0	
	Total ...	7,20,624	5 8	

In addition, tenders have been received for contract No. 5 which comprises the construction of 2 filter beds of 7 compartments in each and 3 clear water reservoirs and connected works in the Kilpauk Sub-Division of the City of Madras.

The Departmental Estimate of the cost of the work included in this contract is Rs. 5,93,298. The tenders and the recommendation of the Corporation thereon are still under the consideration of Government.

A start has been made on all three sections into which the conduit is divided, but the numerous and heavy falls of rain, which have taken place at a time of the year when fine weather can, as a rule, be counted on, have made the season one of the worst ever recorded for executing work such as that of constructing the conduit. In consequence of the rain about 10 lakhs of bricks have been spoiled in process of manufacture; brick-making was stopped for a time, and the soft state of the road tracks made carting both difficult and costly. In consequence, the contractors have been considerably delayed. A map showing the line of the new conduit is appended to the report.

(4) *Water Supply Distribution.*—Mr. Nowroji's Report on "a scheme for the improvement of the Water supply Distribution System in the City of Madras" was forwarded to Government on 3rd December 1908.

In Memorandum No. 4321-1 M., dated 6th January 1909, Government called for the detailed remarks of the Special Engineer on the scheme before subjecting the plans and estimates to scrutiny in "the Public Works Department." These were submitted and forwarded to Government in March 1909.

Drainage Section.

(5) *Drainage of George Town.*—The 16 inch cast iron sewage pumping main has been laid from the site of the intended Law College Pumping Station to the existing Rayapuram Pumping Station, a length of 6,524 feet. All that remains to complete this main is to join it up with the pipes of the new pumping plant. The proposals (including a Report, Plans and Estimate) of the Special Engineer for this new pumping plant and the rising mains, required to deal effectually with the sewage of Georgetown, were considered by the Corporation on 21st April 1908.

The Government sanction to the proposals is contained in G.O., No. 1700 M., dated 14th October 1908.

On 24th November 1908, the Standing Committee accorded its sanction to the calling for tenders by advertisement for the pumping engines, boilers, motors and other machinery required for these stations. The amount of the sanctioned estimate for these items is

At Law College ...	Rs. 1,08,860
Rayapuram ...	" 1,53,295
	Rs. 2,62,155
Supervision and contingencies 15 % say ..	39,325
Total ...	Rs. 3,01,480

Before preparing the contract forms, the whole of the designs were thoroughly overhauled in the light of the experience gained of the sewage to be dealt with, and in view of the proposals for the Drainage of Tondiarpet. New types of silt chambers and screening apparatus were designed and detailed plans for the new piping were prepared.

A careful investigation of the conditions at Rayapuram led to the conclusion that it would be possible to erect the new engines inside the existing pumping station, instead of constructing a new building to receive them, and further, that use might be made of the existing boilers. These alterations will result in a saving of about Rs. 30,000, as compared with the original estimates.

Detailed plans and specifications embodying these alterations having been prepared, tenders were invited for the supply of the pumping plant, ventilating meters, pipes, etc. The tender of Messrs. James Simpson & Co., Calcutta, amounting to Rs. 2,67,442-15-0 was accepted with the sanction of Government after the close of the year.

(6) *Mount Road Sewer*.—A sewer has been laid in Mount Road from Woods Road to a point opposite Messrs. Maclure's establishment where it joins the existing 21 inch sewer known as the "A. B. C. Main": the object of this sewer is to deal with the great nuisance which was caused by the sewage entering the open drains on both sides of Mount Road: these drains, which were originally brickwork, had decayed to such an extent that in many places they were nothing more than irregular earthen channels, in which the sewage formed pools, and a considerable quantity of it soaked into the surrounding soil: the discharge from these drains, together with that from the Patters Road drains and the drains from the native houses on the west of Mount Road opposite Messrs. W. E. Smith & Co.'s establishment, all entered the Coom and seriously polluted that river.

It was decided that it was impossible to wait until the main scheme for this district was taken up, and the remedy suggested by the Special Engineer of laying the sewer as above stated was accordingly sanctioned.

Into this sewer is taken all sewage which used to enter the Mount Road side drains from roads running into Mount Road and from houses on Mount Road itself. A connection has been made with the sewer laid in Patters Road, which was quite useless because it had no outlet. The drainage of the lanes on the west side of Mount Road is also taken into the new sewer, which receives in addition the sewage which formerly flowed down an old masonry drain passing under Misquith's and thence down Mount Road, under P. Orr & Sons shop to the Napier Park Pumping Station and which is now retained only as a storm water drain.

The principal items of work involved in the construction of this sewer were—

9 inch pipes Woods Road to Patters Road	...	1,872 feet.
12 inch pipes Patters Road to existing 21 inch sewer.	1,812 "	
6 inch pipes in side streets	...	116 "
4-inch pipes	...	8,178 "

Manholes	...	21 No.
Ventilation pipes	...	66 feet.
House connections	...	35 No.
The estimated cost of the work was	...	Rs. 20,600
The amount spent up to 31st March 1909 was	...	Rs. 14,054

All the sewer laying has been completed, but there are a few connections still to be made.

(7) *Tondiarpet Drainage Scheme*.—Progress has been made in the preparation of the scheme for the drainage of Tondiarpet, which involves formulating principles proposed to be applied to all the future drainage work to be carried out in Madras. The absence of Mr. Nowroji obliged the Special Engineer to devote to the Waterworks much time which would otherwise have been spent in completing the report and though nearly ready it had not been issued at the end of the year.

(8) *Mylapore Cement Pipes*.—In the course of an investigation by the Special Engineer into a complaint received from Mylapore, the cement pipes, forming the sewers in two streets, were found to be badly cracked in the top half, which was very thin: there is no doubt that the sewers examined were on the point of collapse, and the cement pipes were accordingly replaced by stoneware pipes. Subsequent investigations have shown that other sewers in this district are in the same condition. A systematic investigation will be made at an early date to ascertain what pipes in the Mylapore Division are so defective as to require removal.

(9) *Investigations into the existing drainage*.—A large number of investigations have been made by the Special Works Department, and the more important cases, e.g., Triplicane, Periamet and Mylapore have been referred to in the Special Engineer's Quarterly Reports. The general conclusion arrived at as a result of these investigations is that the whole underground drainage system is in danger of breaking down.

Experience shows:—

- (1) That the sewers are laid at gradients much too flat to be self-cleansing. Hence silt accumulates.
- (2) That backing up of sewage at the pumping stations accelerates the silting by temporarily reducing the velocity in two ways—flattening the hydraulic gradients, and reducing the velocity with flows which would not absolutely fill the sewer if there were a free outlet.

There can be little doubt that the improvement of the existing underground drainage system is a matter of grave urgency. To take up the whole of the existing sewers, and relay them at satisfactory gradients would cost an enormous sum of money. It remains to be seen what can be done with the present defective system by improving the existing pumping plant, by excluding

efficient cleaning.

(10) *Minor works carried out.*—Short sewers have been laid where urgently required, and many house connections to sewers have been made. A large number of manholes have been raised up to road level, and fitted with iron covers to replace the granite stone covers, which were buried some distance down below the road surface. Designs for septic tanks, latrines, nightsoil depots, silt and storm water separators, etc., have been prepared to deal with special cases which have been referred to the Special Works Department.

(11) *Various works in hand.*—There are a number of works in hand for which drawings have been prepared and which, at present, are standing over pending the completion of the Tondiarpet report. The more important are :—

- (1) Venturi Meters for the five pumping stations erected by the late "New Drainage Works."
- (2) Sewage Level and Pump Pressure Recorders for the same stations.
- (3) The altering of the delivery piping from the pumps, and the installation of an additional pump at DeMellow's Road Pumping Station.

(12) *Tools, Plant and Materials.*—The tools, plant and materials belonging to the Special Works Department should be written down to their present estimated value. In the past it has been the custom to keep them on the books at cost price, thus there is timber on the books which has long ago rotted or been eaten by white ants. The result of this writing down of the tools, plant and materials to their true value is shown in the following table :—

Value of tools, plant and materials on 31st March 1908 (as given in the Administration Report for 1907-08) compared with statement now given as value on 31st March 1909.

	March 31st, 1908.	March 31st, 1909.
Tools and plant	1,10,500	28,177
Materials	2,71,600	1,86,690
Sales		39,730
Loss on sales as compared with values in books		8,207
Amount to be written off with the sanction of the Standing Committee for loss, wear and tear, and depreciation		1,19,296
Totals Rs.	3,82,100	3,82,100

Statements explanatory of the work of the Special Engineer's Department will be found in Appendix II.

108. *Drainage works under the ordinary staff.*—The following works were completed :—

6" and 9" side drains on both sides of the following streets in Purasawakam :—Veerasami Mudaly Street, Thandava Achari Street, Solayamman Covil Street, Perumal Naick Street, Saravanaperumal Mudaly Street, Saravana Perumal Mudaly Lane, Venaithirtha Mudaly Street and Cundappa Achari Street.

Masonry drain in Kurubanally Sahib Street.

6" side drains in John Mahomed Street.

Side drains for carrying storm water were constructed in the following streets :—Bazaar Street, 1st Division, Gantz Road, Aiyasami Pillay Street, Ashtabujam Lane and Perumal Chetty Street.

Repairs.

109. The repairs done to Municipal drains and the cost of the same are shown in Appendix I, Statement II A, Part II.

110. *Pumping Stations.*—The cost of maintenance, working and repairs at the several pumping stations was Rs. 99,793 as compared with Rs. 92,678 in the previous year.

New Works.

111. *Water works under the ordinary staff.*—Under the heading of "Laying and cleaning distributary pipes where immediately required" for which a sum of Rs. 7,500 was provided in the Revised Budget, Works costing Rs. 6,340 were carried out during the year.

112. The work of constructing a basin for the village of Kannadaipalium and connecting it with the Red Hills Lake by means of pipes, estimated to cost Rs. 2,500 was completed but not paid for in full.

26,700 feet of old and worn-out pipes have been taken out, cleaned relaid or replaced by new pipes wherever found necessary.

113. During the year under report 1,896½ yards of new pipes were laid and 1 fountain, 9 valves, 9 stop-cocks, 4 hydrants, 7 meters and 21 pumps were fixed.

114. Table 4, Appendix II shows the length and size of pipes laid.

115. On the 1st April 1908 the level of the Red Hills Lake stood at 40.68 and on the 31st March 1909 at 41.97. On 8th July 1908 the level of the lake fell to 36.54 when pumping became necessary and was continued till the level of the lake rose to 37.01 on 21st September 1908. The cost of pumping was Rs. 12,279. The monthly rainfall together with the average water level of each month is shown in Table 9, Appendix II.

116. The quantity of water-supply measured at the Red Hills during 1908-09 was 399,336,888 c. ft. equal to 3,745,852,425 gals. as against 587,878,884 c. ft. in the previous year.

Repairs.

117. *Delivery channel, fountains, pipes, &c.*—These were kept in order at a cost of Rs. 51,381. There are now 1,377 fountains within Municipal limits and

during the year and 2,425 existing services were extended. The total number of house services laid up to the end of 1908-09 was 24,013.

119. There were 25 licensed plumbers on the 31st March 1909.

120. The quantity of water charged for as having been used for non-domestic purposes was 163,215,996 gallons. The amount of bills issued was Rs. 1,22,412 and the amount collected during the year was Rs. 1,23,514 as shown in detail in Table 10, Appendix II.

121. The above amount included arrear collections amounting to Rs. 10,430. The rate of charges for water supplied for non-domestic purposes was continued at annas 12-per 1,000 gallons throughout the year.

Miscellaneous.

122. The bridge near the cemetery on Quibble Island was fenced on both sides and painted. The old incinerator chimney at Barbers Bridge Road was demolished and the fire box of the DeMellows Road incinerator repaired.

Administration.

123. *Notices.*—2,821 Notices were served under sections 215, 239, 248, 256, 257, 262, 264, 278, 440 and 442 of the Municipal Act dealing with the erection of pandals and scaffoldings, erection or restoration of buildings, putting up sunshades, &c. In 1,838 cases they were complied with.

124. *Permits.*—5,418 permits were granted under sections 249, 253, 262, 268 and 280 of the Municipal Act for the erection of pandals and scaffoldings, erection or restoration of buildings and putting up sunshades.

125. *Prosecutions.*—Magisterial proceedings were taken in 738 cases. In 442 cases the defaulters were convicted and fined, in 18 cases they were acquitted and in 158 cases the charges were withdrawn. In 59 cases the summonses were not served owing to the absence of the defaulters and 61 cases are pending disposal. See Table No. 11, Appendix II.

Grant II.—(Education.)

126. A sum of Rs. 49,282-8-9 which included a Government Subsidy of Rs. 29,050 was spent on education against Rs. 35,229-10-3 inclusive of a Government Subsidy of Rs. 21,620 in the preceding year.

127. On the 31st March 1909, there were 146 elementary schools for boys with 9,051 boys and 1,639 girls and 54 elementary schools for girls with 319 boys and 6,801 girls against 145 boys' schools with 9,088 boys and 1,416 girls and 29 girls' schools with 111 boys and 2,932 girls in the previous year. The Corporation School, Chetput, had on the 31st March 1909, 71 boys and 17 girls against 68 boys and 28 girls on the corresponding day of the previous year.

Hospitals and Dispensaries.

128. *Royapettah Hospital.*—The cost of maintaining the Royapettah Hospital amounted to Rs. 15,978-12-6 against Rs. 14,706-18-1 in 1907-08. 1,352 in-patients and 40,094 out-patients were treated against 1,202 and 38,812 respectively in the previous year.

129. *Rajah Sir Ramasawmy Mudaliar Maternity Hospital.*—The expenditure of this Institution met from Corporation Funds amounted to Rs. 5,008-4-9. There are 48 beds in all the wards and the daily average sick numbered 89-36 against 83-00 in the previous year. The total number treated was 2,859 against 2,684 in the preceding year.

130. *Georgetown Dispensary.*—Towards the maintenance of Georgetown Dispensary the Corporation spent Rs. 8,227-4-6 against Rs. 7,529-5-8 in 1907-08, the number of patients treated numbering 51,276 against 54,471 in the previous year.

131. *Baliah Naidu Dispensary.*—Rs. 2,619-14-6 was spent on the up-keep of this dispensary against Rs. 3,657-11-11 in the previous year. The number of patients treated was 36,993 against 35,594 in the preceding year.

132. The reports of the Medical Officers in charge of the above institutions appear in Appendix IV.

Contributions.

133. *Hospitals.*—The usual contribution to Provincial Funds of Rs. 20,000 for hospitals was made during the year under review.

134. *St. Thomé Dispensary and St. Thomas' Convent.*—The usual monthly grant of Rs. 66-10-8 and the annual grant of Rs. 300 were disbursed to the St. Thomé Dispensary. The number of patients treated was 12,241 against 11,148 in the previous year. To the St. Thomas' Convent where 10,147 patients were reported to have been under treatment against 10,094 in the previous year, the monthly grant of Rs. 20 was continued. The Annual reports of these two institutions appear in Appendix IV.

135. *Victoria Caste and Gosha Hospital.*—The annual grant of Rs. 500 was paid to the hospital. The number of patients reported to have attended the hospital for treatment was 17,895 against 18,586 in the previous year. For further details of the work of this hospital reference is invited to the report of the Honorary Secretary to the Governors of the Hospital in Appendix IV.

136. *Sembium Dispensary.*—A sum of Rs. 780 was paid as a moiety of the charge for the up-keep of this dispensary as advised by the President, Chingleput District Board; against a similar amount disbursed in the year preceding.

Vaccination.

137. The number of cases vaccinated during the official year 1908-09 by the Corporation Vaccination staff was 88,077.

showing an increase of 2,125 cases. Of these, 26,121 cases were successful, 1,424 unsuccessful, and in the remaining 1,132 cases the results could not be verified and are shown as unknown. The unknown cases show a decrease of 125, when compared with the previous year.

138. Including the vaccination performed in the Natal and Mauritius Emigration Depots and the Penitentiary 2,399 in the former and 1,698 in the latter, the total number of cases vaccinated in the city comes to 32,774 consisting of 19,847 males and 13,427 females, against 36,968 in the previous year, showing a decrease of 4,194 cases, due to the fall in the number of cases vaccinated, in the above institutions, from 10,416 in 1,907-08 to 4,097 in 1908-09. Of the total, 28,775 were successful, 2,722 unsuccessful, and in the remaining 1,277 cases, the results could not be verified. The unknown cases show a decrease of 646, when compared with the previous year.

139. Of the 28,677 cases vaccinated by the Corporation staff, the operations were performed in 15,001 cases in the depots and in 13,676 in the divisions. Of the 15,001 cases in the depot 11,977 were primary and 3,024 re-vaccinations. In the case of the former, notices were given under the by-laws to the parents and guardians to produce the children for verification of results at the depot and 10,006 cases were so produced, the number that failed to comply being 1,971 against 3,981 in the previous year. Prosecutions for non-production were instituted in 87 cases against 78 in the previous year, the fines amounting to Rs. 45 against Rs. 48 in the previous year. The cases vaccinated outside the depots were verified in the divisions. The total number of results including that of re-vaccination verified at the depot is 12,082.

140. The total number of cases verified by the inspecting staff was 21,965 (*vide* statement in Appendix No. 4.)

141. The percentage of success obtained in the year in primary and re-vaccination cases excluding the unknown from the total was 99.75 and 67.41 respectively against 99.60 and 64.01 in the previous year.

142. The different kinds of lymph used during the year are given below with the percentage of success in each case.

	Primary Vaccination.	Percentage of success.	Re-vaccination.	Percentage of success.
Calf to arm ...	7,158	99.87	1,395	71.75
Glycerine lymph ...	16,530	99.67	8,594	65.68
Lanoline lymph ...	119	100.00	3,975	66.69

Calf lymph and glycerine lymph were both used by the Corporation till the end of December 1908 and glycerine lymph alone (from the King Institute) was used from 1st January 1909. Lanoline lymph was used in the Natal and Mauritius Emigration Depots and in the Penitentiary.

143. A comparison of the work performed in the several vaccine depôts shows that the largest number of cases—6,821 vaccinated was in the Vepery Depôt. The highest percentage of success 98.50 was obtained in the Tondiarpet Depôt.

144. Out of 32,774 cases vaccinated 23,807 were primary against 23,080 in 1907-08 showing an increase of 727 with 99.75 per cent. of success or .15 per cent. greater than in the previous year.

145. The number of re-vaccinations performed during the year was 8,967 against 13,888 in 1907-08 showing a decrease of 4,921 cases with 66.80 per cent. of success or 2.79 per cent. greater than in the previous year. As there is an increase of 783 cases of re-vaccination performed by the Corporation Vaccination staff, the decrease is wholly due to the fall in the number of cases re-vaccinated in the Natal and Mauritius Emigration Depôt and the Penitentiary. On 24-11-08 orders were issued to pay a reward of annas 4 to the vaccinators for each case of successful re-vaccination performed outside the depôt. Accordingly Rs. 7-8-0 was paid to the vaccinators as rewards for 30 cases of successful re-vaccination; this system of paying rewards to the vaccinators was superseded by G.O., No. 149 M., dated 5th February 1909, sanctioning payment of a reward when necessary of annas 4 to persons who submit to re-vaccination, voluntarily. 216 cases were re-vaccinated up to 31st March 1909 on payment of such rewards.

146. Vaccination among children under one year numbered 18,872 including one in the Penitentiary and 49 in Natal and Mauritius Emigration Depot, against 17,796 in the previous year showing an increase of 1,076 cases. The percentage of success obtained in infantile vaccination excluding unknown cases from the total was 99.83 against 99.68 in the previous year. Of the total number of children vaccinated 12,729 were born in Madras and 6,093 in the Mofussil.

147. The total number of births verified during the official year was 17,129. Of these 4,632 died during the year, in 2,187 cases the children were reported to have been permanently removed out of the city and 286 were not traceable at the addresses given in the birth counterfoils. Of the remaining 10,024 cases to be accounted for, vaccination was performed in 7,817 cases, while the remaining 2,207, include 320 cases in which vaccination was postponed under medical certificate 920 which were found sick, when visited by the vaccination staff and 520 temporarily left the city; the remaining 447 cases were found healthy and warned for early vaccination.

148. Out of 32,774 cases vaccinated 2,697 were Europeans, East Indians and Native Christians, 2,477 Mahomedans, 25,908 Hindus, and 1,692 other classes. For every 1,000 of the population 64.34 were vaccinated. The vaccination of Europeans was proportionately larger than that of any other class (*i.e.*) 6.58 per cent. while the percentage among Hindus was 6.30 and Mahomedans 4.32. The population of other classes is only 409, while the number shown as vaccinated is 1,692. This is due to returns received from the Natal and Mauritius Emigration Depôts, which deal entirely with strangers.

149. There were 114 attacks and 23 deaths from small-pox during the official year, against 123 attacks and 41 deaths in the previous year. Of these attacks 35

were among children under 12 years of age of whom 21 were vaccinated in infancy and 14 were not at all vaccinated. 4 proved fatal among the vaccinated and 5 among the un-vaccinated. The remaining 79 attacks were among persons over 12 years of age. Of these 65 were vaccinated in infancy and 14 were not at all vaccinated. 3 proved fatal among the vaccinated and 7 among the un-vaccinated.

150. The total number of prosecutions instituted during the year under report was 180 against 162 in 1907-08. The total amount of fines imposed was Rs. 121-8-0 against Rs. 129 in the previous year. Out of 93 cases in which prosecution was resorted to for failing to get children vaccinated, 76 were afterwards vaccinated, 6 left the town, 8 were postponed for illness, and 3 died before the cases were called for hearing.

151. The number of calves inoculated during the year under report was 264 against 383 in the previous year showing a decrease of 119 due to the stoppage of animal vaccination from 1st January 1909.

152. The cost of maintaining animal vaccination was Rs. 1,048-12-10 against Rs. 1,511-6-8 in the previous year showing a decrease of Rs. 462-9-10 due to the stoppage of animal vaccination from 1st January 1909.

153. The amount realised by the sale of lymph during the year under report was Rs. 85-8-0, the outstanding balance of the previous years being Re. 1-13-0; but the amount credited to the Corporation is Rs. 88-8-0, as it includes Rs. 3 realised, as searching fees leaving a balance of Re. 1-13-0 to be still recovered.

154. The cost of vaccination on account of establishment, &c., during 1908-09 was Rs. 10,634-12-5 against Rs. 11,507-5-7 in the previous year showing a decrease of Rs. 872-9-2. Out of the total cost the charges for establishment were Rs. 8,491-8-11 carriage allowance Rs. 240 animal vaccination, Rs. 1,048-12-10 printing, stationery, &c., Rs. 854-6-8. If the amount realised by the sale of lymph and as searching fees be deducted from the total cost, the net expenditure of the department amounts to Rs. 10,546-4-5 against Rs. 11,420-7-1 in the previous year showing a decrease of Rs. 874-2-8.

155. The cost of each successful vaccination during the year calculated from the total cost of the establishment deducting the amount realised by the sale of lymph was annas 6 and pies 6 against annas 7 and pies 6 in the previous year. If it is calculated from the cost of animal vaccination alone deducting the amount realised by sale of lymph the cost would be 11 pies per case.

156. During the year under report the number of Assistant Deputy Inspectors, was reduced from 4 to 3 and the number of depot watchmen from 9 to 8 consequent on the stoppage of animal vaccination from 1st January 1909.

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

Vital Statistics.

FOR THE CALENDAR YEAR 1908.

Area of the City	...	27 sq. miles or 17,280 acres.
Census Population of 1901	...	509,346.

Average Density	...	23.5 per acre
7-9 Dn. do.	...	138.7 do.
14-15 Dn. do.	...	8.4 do.
Inhabited houses	...	55,665.
Number of persons per house	...	9.
Births	...	20,710 including still births against 20,658 in 1907.
Deaths	...	22,285 deaths against 20,638 in 1907.
Infantile Mortality	...	296.3 deaths against 270.7 per 1,000 infants born alive in the year.

158. *Births.*—The births registered during the year 1908 exclusive of still births numbered 19,980 against 19,808 being 172 births more than in the previous year. The ratio of births per mille per annum was 39.2 against 38.8, the mean ratio for the previous five years being 40.0. The number of male children born was 10,278 and of female 9,702, the proportion being 105.9 males to 100 females. 1,136 illegitimate births were registered during the year against 1,091 in the previous year.

159. *Still Births.*—The number of still births recorded was 730 against 845 of the previous year shewing a proportion of 3.6 per cent. of the live births.

160. *Births in Hospitals.*—The Government Maternity Hospital returned 1,766 births against 1,799 in the previous year. Rajah Sir Ramasawmy Mudaliar's Hospital 887 births against 940; Victoria Caste and Gosha Hospital 659 against 618 and the Medical Mission Hospital 97 against 92. The total number of births in all the Hospitals during the year was 3,409 against 3,447 which is 17.0 per cent. of the total births in the City.

161. *Classes.*—The highest birth-rate returned during the year was 40.9 amongst Mahomedans. Native Christians, Hindus and Eurasians follow with the almost equal proportions of 39.6, 39.1 and 39.0 respectively while the European birth-rate was 26.9.

162. *Natural Increase.*—The increase or decrease of population is governed by two factors (1) the balance between births and deaths and (2) the balance between emigration and immigration. With regard to the former the reports show year after year an excess of deaths over births and during the year under review there were 2,305 more deaths than births in the City. A considerable immigration must therefore be steadily going on not only to replace casualties but to continue the slow though steady growth of the City which is apparently taking place.

163. *Deaths.*—The number of deaths returned during the year exclusive of still births was 22,285 against 20,638 in the previous year the average number of deaths for the previous five years being 22,591. The ratio of deaths for the year was 43.7 per mille against 40.5 of the previous year and 44.3, the mean ratio of the previous five years.

164. *Certified Deaths.*—Out of 22,285 deaths, the number certified by qualified medical men was 2,524, of which, 640 were by private medical practitioners and 1,884 by hospitals. The proportion of certified deaths to total deaths was 11·3 per cent.

165. *According to Sex.*—Of the total deaths registered in the City, 11,115 were males and 11,170 were females, with a proportion of 99·5 males to 100 females.

166. *According to Divisions.*—As usual the highest death-rate 58·2 was returned in the 2nd Division (Old 1st Division Centre Ward) and the lowest 35·1 in the 15th division. (Old 6th division South Ward.)

167. *According to Nationality.*—The deaths registered among the Europeans during the year were 79; among Eurasians 424; among Native Christians 94; among Hindus 17,889; among Mahomedans 2,947; and among others 1; the ratio being 17·7 among Europeans; 37·7 among Eurasians; 37·8 among Native Christians; 43·5 among Hindus; 51·4 among Mahomedans; and 2·4 among others.

168. *Age.*—The heaviest mortality was as usual among infants under one year of age, returning 296·3 deaths per 1,000 births, while the next heaviest was 141·4 among adults of 60 years and upwards. The ratio of deaths among infants calculated on the Census infantile population was 433·8.

169. *Cholera.*—The number of deaths returned under this head during the year was 1,246 against 691 of the previous year. The disease prevailed epidemically from the week ending 7th August to the week ending 16th October 1908, during which period the weekly number of attacks and deaths reported were below:—

1908.	Attacks.	Deaths.
For the week ending—		
7th August	147	81
14th „	165	140
21st „	103	79
28th „	110	74
4th September	140	110
11th „	153	120
18th „	157	110
25th „	118	79
2nd October	96	61
9th „	32	26
16th „	23	22

170. There were two separate out-breaks of cholera during the year unreported. The first was at the beginning of the year, when a sharp out-break occurred in New Washermanpet in an isolated village adjoining Tiruvathyur Gate and the source of infection was traced to one of the villages outside the

Gate. The out-break having become known at its commencement and the seasonal conditions not being favourable to its spread, the sanitary measures adopted on the occasion by way of disinfection, segregation, and improving public water-supply, quickly brought the disease under control.

171. In consequence of this out-break the number of deaths returned during the months of January, February and March was 30, 65 and 39 respectively (*Vide* Annual Form No. VI).

172. The second out-break is that referred to above. Thirteen cases of cholera occurred in Teynampet Parcherry in the 20th Division within six days from 4th to 9th July 1908 those attacked having attended a festival held in the Roman Catholic Church in Yellapatha Madaha Covil Road adjoining Teynampet visited also by people from St. Thomas' Mount and other places in the vicinity of Madras. It was found on enquiry that St. Thomas' Mount, Pallavaram and Saidapet were all infected with cholera and there seems little doubt that the people of Teynampet Parcherry got the infection through the medium of the people from outside who attended the festival. The seasonal conditions being favourable, the disease quickly spread in spite of strenuous sanitary measures and was declared epidemic during the week ending 7th August 1908. After 11 weeks duration the epidemic quickly subsided with the arrival of the North-East Monsoon in October, in which month the recorded rainfall was 24·78 inches.

173. *Small-pox.*—There were only 13 deaths from small-pox against 49 in the previous year with a ratio of 0·02, the average ratio for the previous five years being 0·3.

174. *Measles.*—82 deaths were registered under measles being 39 deaths less than the previous year and 95 less than the average of the preceding five years.

175. *Plague.*—2 deaths against 3 in the previous year, were registered under Plague, both being imported cases.

176. *Kala Azar.*—69 deaths were returned for the first time in 1905 under this head all of them having been certified either by Medical Officers of Hospitals or by private practitioners. In 1906, the number rose to 79 and in 1907 it came down to 55. During the year under report the number of deaths returned was 44.

177. *Enteric Fever.*—36 deaths were due to enteric fever, being 6 deaths less than the previous year and 2 deaths more than the average of the past five years.

178. *Fevers.*—The total number of deaths ascribed to all fevers including Malaria, Remittent, Intermittent and other unspecified fevers was 4,701 against 3,901 in 1907. The average number of deaths of the previous five years was 4,692.

179. *Dysentery and Diarrhoea.*—4,225 deaths were reported under these diseases being 241 less than the previous year and 562 less than the average of the past five years.

180. *Tubercle of Lungs.*—From this cause 138 deaths were registered against 3 in the previous year, the annual ratio being 0·2.

181. *Respiratory Diseases.*—1,370 deaths were ascribed to Respiratory diseases, against 1,167 in the previous year. The average number of deaths for the past five years was 1,214.

182. *Infantile Mortality.*—The number of deaths registered among children under one year of age was 5,922 being 558 deaths more than in the previous year. The ratio of Infantile Mortality for the year was 296·3 per 1,000 births against 270·7 in the previous year. The 2nd Division (old 1st Division Centre Ward) returned the highest number of deaths among infants under one year of age giving a ratio of 311·0 per 1,000 births in the division.

183. The number of prosecutions instituted during the year for failing to register births and deaths within the time allowed by the Act was 93 of which 18 were for births and 75 for deaths. In 86 cases conviction was obtained and in the remaining cases either the parties were let off with a warning or the cases were withdrawn. The total amount of fines imposed was Rs. 77-8-0.

184. During the year under report the number of applications received for extracts from the birth registers was 159 and from the death registers 235. Of these, 113 extracts of births and 208 of deaths were granted. Extracts were not granted in 45 cases as the parties failed to pay the prescribed fees. In respect of 28 applications entries were not found in the registers and the parties were informed accordingly. The total fees collected during the year for extracts from the birth and death registers were Rs. 391-8-0.

Plague Measures.

185. The city remained free from plague during the year under report. The Passport Establishment in the city continued to be under the supervision of the Superintendent of Passports till the middle of September 1908 when the office of the Superintendent of Passports was abolished and the plague operations were placed directly under the supervision of the 1st Asstt. Health officer. Passports were issued as in the previous year at Perambore and Basin Bridge. In the case of passengers coming by the East Coast Railway the passport examination was transferred from Bitragunta to Ponneri in November 1908 at the request of the Railway authorities.

3 cases of plague—all of them imported—occurred in the city during the official year, and all the three proved fatal.

The number of cases detailed in the several plague camps in the city was as follows :—

Egmore Plague Hospital	...	7
Old Jail Barracks Hospital and Camp	...	151

The campaign against rats was continued, the total number destroyed from the commencement of rat destruction in February 1906 up to 31st March 1909 being 772,657 of which 247,370 were accounted for during the year under report, none of which were found plague infected.

During the year, 90,499 passports were issued at Perambore and Basin Bridge Junction; of these 71,946 were city passports and the remaining 18,553 were Mufussil passports. 6,519 city passports were issued at the Madras Harbour. Out of the total 78,465 city passports issued during the year, 1,257 were untraced giving a percentage of 1·6 against 3·4 in the preceding year. The number of Mufussil passports dealt with by the City Plague Staff was 1,612 against 4,661 during the previous year. Of these 19 were untraced giving a percentage of 1·17 against 6·5 in the previous year.

During the year there were 84 prosecutions and 55 convictions against 63 prosecutions and 48 convictions in the preceding year. The fines imposed amounted to Rs. 290 against Rs. 280 in the previous year.

The Port Health Officer reports as follows with regard to inspection of vessels :—

233 outgoing vessels carrying 14,611 persons as crews, and 11,644 as passengers were inspected during the year and granted Bills of Health. Besides these, there were 222 incoming vessels, arrivals from Plague infected Ports carrying 20,610 persons as crews and 41,950 as passengers for Madras, inspected before any communication between the vessels and the shore was permitted. 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 from Plague infected Ports who disembarked here.

Conservancy.

186. The Kistnampet and Burial Ground Depôts which were formerly under contract were taken under departmental management during the year the former on 1st April 1908 and the latter on 1st May 1908. The number of bullocks purchased during the year was 616. Excluding brokerage and contingencies the price paid for them was Rs. 37,566. Rinderpest continued to be virulent at the beginning of the year and cases occurred throughout the whole year. The deaths specifically reported as due to this cause amounted to 98 the total casualties for the year being 240.

187. The work of conservancy naturally suffered from the shortage of bullocks and scarcity of labour was also a pronounced difficulty. In spite of the fact that the pay of the drivers and scavengers was increased, it was never possible to secure the full complement. The only remedy seems to be the periodical importation of labour from outside but before this can be done on a large scale more housing accommodation must be provided for the coolies.

188. *Maintenance of Bullocks.*—The total expenditure under this head was Rs. 2,00,468-15-6 against Rs. 1,18,708-2-4 of last year and against an estimate of Rs. 2,11,500. The increase over the previous year is due to the fact that all depôts were worked departmentally during the greater part of the year and is more than compensated for by the less amount spent on the hire of bullocks which decreased from Rs. 35,613-5-8 to Rs. 5,858-14-11.

189. *Cost of Labour-Sweepers and Scavengers.*—The amount spent under this head during the year was Rs. 35,794-11-5 against Rs. 35,583-8-2 of the previous year : the increase being due to the enhanced rate of wages paid to the coolies for part of the year as per G.O., No. 1535 Mis., dated 14th September 1908. The smallness of the increase in spite of higher wages is due to the large number of absentee coolies.

190. *Conservancy Improvements.*—10 new latrines were constructed and 465 dust bins were manufactured and distributed during the year.

191. The disposal by sale of crude filth which was in vogue for many years in the northern range was done away with and a proper system of trenching introduced.

192. *Notices.*—The total number of notices served during the year was 6,130 of which 3,699 were complied with.

193. *Prosecutions.*—The number of prosecutions instituted during the year was 1,045 against 1,882 in the previous year. Of these 123 were for carrying on offensive trades without license, 87 for not cleaning filthy premises and 180 for failure to take action in regard to insanitary premises under sec. 308. *Vide* statement No. 12 for details.

194. The decrease in the number of prosecutions and in notices issued as compared with the previous year would appear to be chiefly due to the change in the administration of the Health Department which came into force in September 1908. The Inspectors newly entertained had naturally to take some time to learn their divisions and study their requirements before resorting to compulsory measures.

195. Details of work under house inspection by Sanitary Inspectors are shown in Table No. 14 attached.

196. Table No. 15 shows the action taken under sections 308 and 309 during the year under review.

Sanitary Defects.

197. (1) The most serious sanitary defects continue to be the lack of proper drainage in a large portion of the city and a very deficient water-supply ; but even when these have been completed defects will still remain of so serious a nature as to largely nullify the good effects which ought to follow the carrying out of works of so very great sanitary importance.

The want of education and the lack of appreciation of the elementary principles of hygiene must be regarded as a sanitary defect.

The prevention of cholera for example is fairly simple and it is common knowledge that during a cholera epidemic the educated classes almost entirely escape. So with many other diseases, it is want of education which causes the masses to suffer. Primary education is therefore a measure of sanitary importance of the first magnitude, and until it has been made compulsory for all classes and

both sexes, ignorance and superstition will still circumvent the best efforts of sanitarian.

Before primary education can be made compulsory in Madras it is necessary that there should be school buildings suitable for the admission of children. At the present time not only is the number of such schools as exist wholly inadequate to accommodate the total population of school going age, but the type of elementary school-house is sadly inferior in design, the majority of schools being housed in buildings which have been constructed without any reference whatsoever to their suitability for the purposes to which they are put.

It is to be assumed that elementary education will sooner or later be made compulsory and if such an event is to occur at any time in the reasonably distant future the question of housing accommodation should be taken up at once as many years must elapse, no matter how energetic the building program, before sufficient buildings will have been provided.

(2) *Town-planning.*—Town-planning is a subject which has in the past been very much neglected in Madras. For this neglect the city is now paying a penalty indirectly through its high rate of mortality and directly by being compelled to spend large sums on the removal or opening up of congested areas. Inasmuch as the city has grown slowly for a great number of years the effect of such growth has not been properly appreciated. No allowance appears to have ever been made for the contingency of growth and although the gradual growth still goes on, the attempts made to regulate it are more or less spasmodic and subject to much opposition. The provisions of the Act on the subject of the formation of private streets are complex and inadequate. It is very seldom indeed that any one "intends" to make a private street and the notice required by section 242 is in practice never given. When a new district is being opened out for house building the first requirement should be the laying out of streets in a proper manner. As a matter of fact however the streets are the last thing instead of the first to which attention is paid by land owners.

(3) *The housing of the poor.*—This is a subject beset with many difficulties. The poor are too poor to acquire land and build themselves houses; the capitalist does not look upon buildings for such people as a paying investment. So wherever the ownership of a plot of land is uncertain there the poor congregate and build themselves shelters of some sort—hence our hutting grounds and parcherries. The only apparent solution of the difficulty is for the Corporation to continue the scheme already begun of building model parcherries or villas.

(4) *Removal of congestion.*—Although the total area included within Municipal limits is extensive when compared with the population occupying it, overcrowding does occur to a very considerable degree. In parts of George Town and Triplicane the houses are so closely packed that streets in the ordinary acceptance of the term are non-existent being replaced by narrow lanes and and moreover in these favorite haunts each house is often occupied by more than one family.

In the south of Madras there is excellent building land available, which if properly laid out, for the accommodation of our whole population

for some reason or other the owners thereof do nothing towards the development of their property as building sites.

The Corporation is making a move in the matter by opening up an extensive area between Ice House Road and Edward Elliotts Road but it remains to be seen whether the actual landowners will co-operate in the matter. The simplest expedient would no doubt be for the Corporation to acquire blocks of land in this area, lay out streets thereon and then lease out the building sites. The cost of such a scheme would however, be enormous and with large water and drainage schemes on hand it is to be feared that it is pecuniarily impossible.

(5) *Wet cultivation within Municipal limits.*—It has long been recognised that a swamp is a deadly site for a town and that a damp site is unhealthy: yet Madras on its western boundary is hemmed in by a series of tanks, the water of which is used for wet cultivation within Municipal limits. To such an extent is this carried on that for a considerable portion of the year all the land not built upon in the Teynampet, Nungambakam, Royapettah and Mylapore suburbs is converted into one enormous swamp up to the very doors of houses and villages.

By the abolition of the Spur Tank and the drying up of the cultivated area formerly irrigated therefrom an important move has been made in the right direction and it is to be hoped that Government will see their way to a continuance of the policy thus inaugurated to the Nungambakam and Long Tanks. Not only will the drying up of swamps improve health but the abolition of wet cultivation will compel landowners to seek the development of their property for building purposes and thus be the means of materially assisting in the relieving of congestion.

(6) *The disposal of refuse and filth.*—The disposal of refuse in Madras by dumping on low lying land and in tanks is admittedly far from satisfactory. Many of the dumping places are much too close to habitations and suitable rubbish depots within a reasonable distance are becoming scarce. The two incinerators are of a design which is now considered antiquated. More incinerators of up-to-date pattern are required.

The method of collection and disposal of night soil leave much to be desired. It is hoped that it may be possible to use the new sewerage system for the carriage of night-soil to the sewage farm, on arrival at which, experience has shown it would be completely liquified and could be disposed of on the farm without causing any nuisance greater than that which is inseparable from the best managed sewage farms.

(7) *Control of food supply.*—Adequate control of food supply is in the present condition of affairs an almost hopeless task in Madras. Perambulating food vendors expose their wares for sale along almost every street side and often the site selected is over or along side a foul smelling open drain; the articles sold are often of very inferior quality in order to meet the demands of the poor for cheap food, and they are in no way protected from contamination by flies, dust and dirt.

Adulteration of food is carried on to a large extent and where the adulteration is detected the only penalty which can be enforced is confiscation or destruction of the article.

It has been found that section 357 of the Act under which a penalty of one hundred Rupees may be inflicted for adulteration—is practically useless as it has been held to be a good defence to say that when an article is purchased for analysis the purchaser has not been prejudiced by the sale.

Sanitary Progress.

198. Definite steps were taken during the year in the direction of congestion removal and opening up of insanitary areas and the completion and occupation of the Model Parcherry. A sum of Rs. 25,000 was allotted in the budget for this purpose which was supplemented by a grant of Rs. 15,000 from Government. A special report recorded in G.O. No. 883 M., dated 3rd June 1909 has already been submitted on this subject and it seems unnecessary therefore to deal with it at length. Information as to the areas treated and the expenditure incurred will be found in Appendix II.

The opening of the New sheep Slaughter house at Perambore and the closing of the old slaughter house at Chulay on 1st October 1908 and of the Monegar Choultry Slaughter-house and the two private slaughter-houses at Mirsaibpet and Mylapore at the end of the year constitute a decided advance in sanitation as well as in the control of this important branch of food-supply. The slaughter houses of the city may now be considered to be managed satisfactorily.

Eight new mutton vans were constructed during the year. These with the two already in use convey a large number of carcasses daily from the slaughter-houses to the various markets all over the city and it is hoped to further add to the number so that all meat may be conveyed to markets in the most sanitary manner possible.

The filling up of insanitary wells and tanks still continues, the improvement effected in the last few years having been very appreciable.

Latrines.—10 new public latrines were constructed during the year.

Measures for the reduction of high Infantile Mortality.

199. The Milk Depot, the arrangements for opening of which were reported to be nearly complete in the last Administration Report, was opened during the year and considering the difficulties in the way of popularizing and working such an institution in this country, was reasonably satisfactory. The original proposal of the Corporation of having their own cows was wisely replaced by getting the necessary supply of milk on contract, the cows that supply the milk being kept in the Municipal Cattle Shed erected for the purpose in Robinson Park. On an average 84 infants were daily supplied with Milk from the Milk Depot and the health of these children was carefully watched at their houses by the Female Sanitary Inspectors who also noted their weekly increase of weights. The cost of working the Depot amounted to Rs. 8,572-11-3.

While, however, recognizing that the milk supplied is much better than the people who take it have previously been accustomed to or can obtain elsewhere it cannot be denied that the efforts to completely sterilise it have proved

ineffectual. Possibly the plant supplied is not good enough for the purposes possibly those in charge do not make the best use of it. It is at any rate certain that though repeatedly examined by the Engineers and tested by the Health Officer, the results obtained from the steriliser continue disappointing. It must also be remembered that though started with a view to prevent infantile mortality the depot is a wholly charitable institution it not having been found possible to charge for the milk supplied. No appreciable reduction in the death rate has yet been noticed and it is open to question whether the Corporation should continue this experiment at the public cost. Probably the best solution of the difficulty would be to get some charitable organisation to take over the depot but it is somewhat doubtful if any one would come forward to do so.

Watering Roads.

200. In addition to the roads usually watered the following road was watered for the first time during the year :—

Peters road from Westcott Road to Nallanna Mudaly Lane.

Grant IV.—(Miscellaneous Municipal Purposes).

Lighting.

201. The cost of maintenance during the year was Rs. 69,335 as against Rs. 55,734 in the previous year.

202. The contractor's bills together with the cost of patent lamps amounted to Rs. 70,340 out of which Rs. 1,005 was deducted for fines imposed.

203. 22 additional oil lamps were erected during the year making a total of 6,269 on the 31st March 1909.

204. The lighting of the lamps was inspected by the eight Lighting Inspectors; each lamp was inspected on an average 89 times during the year.

As indicated in paragraph 231 of last report fines have been during the year imposed in lump sums on a review of the lighting at the end of each season. The fines have been lesser in amount but as they fall directly on the contractor instead of as before on the cooly they are believed to be more effective. No very great improvement in lighting however occurred during the year. The best remedy would seem to be the extension of the power lamp system and the introduction of electric light as funds permit.

Avenues.

205. The actual number of avenue trees as they stood at the end of the year was 12,986 of which 2,716 required to be watered. Mr. H. E. Houghton continued during the year to give assistance in superintending the planting and care of avenue trees and road side gardens.

Public Parks.

206. *People's Park.*—(1) The following contracts were let out during the

Receipts.

(a) Menagerie collections at Rs. 363-4-5 per month or Rs. 4,359-5-0 per year against Rs. 4,231-1-0 in previous year.

(b) Grazing cattle for one year ending 31st March 1909 for Rs. 165 against Rs. 150 in the previous year.

Charges.

Under the head of feeding animals and birds.

(a) Goats meat at 9 lbs. per Rupee.

Mutton at 9 „ do.

Beef at 10 „ do.

Kid at Rs. 1-8-0 each.

(b) Provisions at Rs. 387 odd approximately.

(2) The saleable value of the live stock amounts to Rs. 7,872-12-0.

(3) The band of the Madras Volunteer Guards played at the park as usual on Mondays and the attendance was fair on those days and the Police attended on all occasions to keep order.

(4) The details of receipts and disbursements for the year 1908-09 appear in Appendix II.

207. *Napier Park.*—(1) The right of grazing cattle for the year ending 31st March 1909 was let out on contract for Rs. 85 against Rs. 150 in the previous year.

(2) The amount realized by sale of withered trees amounted to Rs. 167-12-0.

(3) The details of receipts and disbursements for the year 1908-09 appear in Appendix II.

208. *Robinson Park.*—(1) The improvements effected during the year were the construction of Peon's Quarters on the northern side of the Cemetery Road at the junction of the Monegar Choultry Road and the erection of galleries at the fern-house. The fern-house is a prominent feature of this park and is kept in good order.

(2) The Madras Volunteer Guards Band as usual played every Wednesday evening.

(3) The Receipts amounted to Rs. 3,423-12-0 while the expenditure was Rs. 5,232-4-7 showing a debit balance of Rs. 1,808-8-7 met from the Corporation Funds. For details *vide* Appendix II.

209. *Loane Square.*—(1) This square is steadily acquiring popularity as a recreation ground as evidenced by the daily increasing number of people resorting to it.

(2) The expenditure during the year on account of this park amounted to Rs. 278-2-7 against Rs. 340-11-9 in the previous year. For details *vide* Appendix II.

Fire Engines.

210. The total cost of maintenance of the steam and manual fire engines was Rs. 8,640 against Rs. 7,580 in the previous year, the excess being principally due to the provision of better hoses. The engines continued to be worked as in former years by the City Police. They were requisitioned for 17 fires, the most important of which was that at Messrs. Ally Brothers' premises, Mount Road. The question of providing a more efficient service is under consideration. A proposal to purchase a motor fire engine was included in the budget for 1909-10 but the sanction of Government was deferred.

Other Charges.

211. *Contribution to Provincial Funds.*—As usual a sum of Rs. 50,000 was made in the year under G.O., dated 25th March 1882, No. 583 M., Local and Municipal.

Grant V.—(Supervision and Management.)

212. The amount spent under this head was Rs. 1,13,750-12-5 against Rs. 1,04,256-15-4 in the previous year and formed 4-23 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. 54,839-12-6 or 2-04 of the total receipts.

Repayment of Debts.

213. The opening balance of the Sinking Fund account relating to the several loans raised exclusive of the instalment loan of 1905 for 7 lakhs was Rs. 21,82,800 in Government Promissory Notes and Madras Municipal Debentures and Rs. 1,691-5-5 in cash. During the year under review, an allotment of Rs. 84,730 was made to this fund from the general revenues, and Rs. 38,816-7-2 was realized in the shape of interest on investments on account of the Sinking Fund. The total receipts for the year on account of the Sinking Fund were thus Rs. 1,23,546-7-2 which, together with the opening cash balance of Rs. 1,691-5-5, were invested in the course of the year in Government Promissory Notes and Madras Municipal Debentures at a cost of Rs. 1,24,210-6-8. The aggregate of investments at the close of the year to the credit of this account amounted to Rs. 23,10,200 with a cash balance of Rs. 1,027-6-4.

214. The 5th and 6th half-yearly payments amounting to Rs. 40,275-8-2, were also made during the year towards the Government instalment loan of 1905 for Rs. 7,00,000. Out of these payments, Rs. 13,419-15-1 was taken by the Accountant-General towards the repayment of the loan and Rs. 26,855-4-1 towards interest.

Refund of other items than Current Collections.

215. The total amount refunded during the year under report was Rs. 18,883-12-8 against an estimate of Rs. 20,000.

No. II. Account.

216. This account, which deals with the transactions of Stores, Workshops, payment for Sinking Fund for loans raised in the open market, and the security deposits of Municipal servants and Contractors, opened with a balance of Rs. 12,95,939-8-10. The receipts during the year amounted to Rs. 6,81,971-9-6 and the expenditure to Rs. 5,36,539-4-0, leaving a balance of Rs. 14,41,371-14-4 at the close of the year.

Workshops.

217. The total value of works turned out in the Municipal Workshops during the year was Rs. 1,41,070-2-9. Details of the same will be found in Appendix II.

The supervision charges calculated at 10 per cent. on the value of "Departmental" and "Foreign works" and 25 per cent. on "Private works" amounted to Rs. 14,423-12-8 against which an expenditure of Rs. 10,221-1-8 was incurred in the shape of wages of Maistries and Time-keepers and purchase of tools, &c., leaving a balance of Rs. 4,202-11-0 to the credit of the Workshop at the end of the year. The permanent establishment charges of the Workshop during the year amounted to Rs. 3,887-14-5. Deducting this from the above savings of Rs. 4,202-11-0 there was a net profit of Rs. 314-12-7. This is on the whole creditable as never before have the Workshop earnings covered "Establishment charges" and shewn a profit. During the year, the Mechanical Engineer was put in superior charge of the Workshop. He succeeded in clearing the arrears which were considerable. The state of the accounts and the general system of working leaving much room for improvement he was asked to submit a special report with proposals for reorganization. This has since been submitted and is under the consideration of the Corporation.

CORPORATION OF MADRAS,

28th July 1909.

E. S. LLOYD,

President.

STATEMENT I.—Revenues and Receipts of the Municipal Fund of the City of Madras during the fiscal year 1908-09.

Items.	Actuals, 1908-09.		Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	1	2				
I. Opening Balance—						
(a) General Fund	7,59,041.81	81	4,93,000.00	5,58,910.00	0.00	4,90,593.01
(b) Water and Drainage Fund	6,60,897.47	7	6,02,550.00	6,04,370.00	0.00	2,41,317.31
(c) Lighting Fund	1,00,000.00	0	8,740.00	16,810.00	0.00	6,500.13
Total...	14,20,939.28	88	11,04,290.00	11,79,090.00	0.00	7,38,410.45
Municipal Rates and Taxes—						
(1) Tax on Arts, &c. (Sec. 120)	1,45,583.13	5	1,12,300.00	1,36,700.00	0.00	1,18,660.00
(2) Tax on Buildings and Lands (Sec. 129)	7,08,491.18	5	6,53,000.00	6,96,000.00	0.00	9,21,790.11
(3) Tax on Lands (Sec. 141)	5,274.11	1	5,100.00	5,120.00	0.00	5,180.13
(4) Water and Drainage Tax on Buildings and Lands (Sec. 143)	1,58,707.18	9	1,52,000.00	1,52,000.00	0.00	1,51,700.00
(5) Water and Drainage Tax on Lands (Sec. 140)	3,374.14	6	3,300.00	3,300.00	0.00	3,350.12
(6) Lighting Tax on Buildings and Lands (Sec. 140)	85,281.51	2	81,700.00	87,460.00	0.00	87,460.00
(7) Lighting Tax on Lands (Sec. 140)	659.15	6	600.00	600.00	0.00	600.00
(8) Tax on Vehicles with drivers (Sec. 150)	50,329.22	2	53,000.00	54,000.00	0.00	54,000.00
(9) Tax on Animals (Sec. 150)	408.71	3	36,000.00	36,000.00	0.00	36,000.00
(10) Tax on Carts and other vehicles without drivers (Sec. 155)	30,425.51	10	30,000.00	30,000.00	0.00	30,000.00
(11) Tolls on Vehicles & Animals entering Municipal Limits (Sec. 164)	30,043.23	3	42,000.00	42,000.00	0.00	42,000.00
Total	15,78,468.43	118	14,44,110.00	15,10,990.00	0.00	13,11,600.44
2. Revenue derived from Municipal property and services apart from taxation—						
(a) Payment for Occupation of Municipal Lands	9,000.00	5	7,000.00	7,000.00	0.00	7,000.00
Total	15,87,468.43	123	14,51,110.00	15,17,990.00	0.00	13,18,600.44

Items.	Actuals, 1908-09.		Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	1	2				
(b) i. Sale-proceeds of Lands						
ii. Replanted, &c., Grazing Rents	2,700.00	0	2,000.00	2,000.00	0.00	2,000.00
iii. Rent of Cart-land	2,700.00	0	2,000.00	2,000.00	0.00	2,000.00
iv. Rent of Municipal Wharf	1,000.00	0	1,000.00	1,000.00	0.00	1,000.00
v. Produce of Lands, Gardens, &c.—						
(1) People's Park	3,507.12	7	5,300.00	5,300.00	0.00	5,300.00
(2) Napier Park	396.20	0	150.00	150.00	0.00	150.00
(3) Robinson Park	3,423.12	0	3,900.00	3,900.00	0.00	3,900.00
(4) Sewage Farms	4,147.80	0	39,380.00	44,000.00	0.00	44,000.00
vi. Sale-proceeds of old materials	4815.00	0	100.00	500.00	0.00	500.00
(c) Conservancy Receipts—						
Sale of Rubbish	18,905.00	6	18,000.00	18,900.00	0.00	18,900.00
(d) Hospital Receipts	...	...	150.00	150.00	0.00	150.00
(e) i. Income from Markets (Sec. 327)—						
(1) Smithfield Market	5,900.10	0	5,510.00	5,970.00	0.00	5,510.00
(2) Moore Market	26,403.37	7	24,800.00	26,100.00	0.00	25,880.39
ii. Income from Slaughter-houses (Sec. 331)	24,716.94	4	30,000.00	24,800.00	0.00	28,194.61
iii. Income from Dhobykhana	860.00	0	300.00	300.00	0.00	360.35
(f) Other Fees—						
i. Import of Timber and Firewood (Sec. 327)	1,59,998.10	0	1,15,700.00	1,45,000.00	0.00	1,79,582.41
ii. Slaughter of Animals for food (Sec. 334)	43,313.11	111	60,000.00	40,300.00	0.00	62,053.79
iii. Private Markets (Sec. 344)	3,475.00	0	3,000.00	3,430.00	0.00	3,625.00
iv. Licenses, Registration, &c.	49,254.08	8	50,000.00	51,500.00	0.00	48,361.14
v. Cart and Road Fees	795.00	0	800.00	810.00	0.00	787.80
vi. Distraint Fees	1,006.77	7	1,000.00	1,000.00	0.00	844.14
(g) Fines under Municipal and other Acts—						
i. Municipal	2,420.82	2	2,500.00	2,000.00	0.00	2,778.68
ii. Police	...	...	...	...	...	...
(h) Interest on Investments—						
Medical	1,127.210	0	2,500.00	2,260.00	0.00	...
(i) Premium on Loans	...	...	...	...	...	...
Total	4,36,307.94	4	4,22,680.00	4,16,940.00	0.00	4,61,190.10
Carried over...	20,14,800.18	5	18,06,790.00	19,86,880.00	0.00	18,52,860.84

STATEMENT I.—Revenues and Receipts of the Municipal Fund of the City of Madras during the Official year 1908-09—(Concluded).

Items.	Actuals, 1908-09.			Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals, 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	Rs.	A. P.	RS.				
1	2	3	4	5	6	7	
4. Grants and Contributions—							
(a) From Government—							
i. Roads	12,000 0 0			12,000 0 0	12,000 0 0	12,000 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	2,600 0 0			2,600 0 0	2,600 0 0	2,600 0 0	
(3) Improvement Water-supply and Drainage	29,050 0 0			29,050 0 0	29,050 0 0	29,050 0 0	
(4) Education							
(5) Raja Sir S. Ramasamy Mudaliar, Lying in Hospital	15,000 0 0			15,000 0 0	15,000 0 0	15,000 0 0	The contribution was received by the Surgeon, District, direct and not remitted to the Corporation.
(6) Sanitary improvements							
Total	76,100 0 0			76,100 0 0	76,100 0 0	76,100 0 0	
5. Miscellaneous—							
(a) Payment for water for non-domestic purposes	1,25,513 10 2			1,10,000 0 0	1,10,000 0 0	1,30,200 14 8	The increase is due to the better collection of arrears.
(b) Sanitary Receipts Water-works	2,624 12 7			2,000 0 0	2,000 0 0	1,151 6 8	This is an uncertain item.
(c) Other loans	12,384 10 10			7,500 0 0	8,000 0 0	19,851 0 1	Do
(d) Sale of Lymph	88 6 0				50 0 0	86 14 6	Do
(e) Refund from Expenditure of previous years	2,840 2 9			1,300 0 0	2,000 0 0	1,429 1 10	Do
Total	1,41,827 12 4			1,21,100 0 0	1,22,450 0 0	1,46,027 5 7	
6. Extraordinary and Debt—							
(a) Loans—							
i. From Government	4,00,000 0 0			4,00,000 0 0	4,00,000 0 0	4,00,000 0 0	
ii. In the open Market from private individuals	2,50,000 0 0			2,50,000 0 0	2,50,000 0 0	2,50,000 0 0	
(b) Redemption of Sinking Fund Interest on Water-works Loan of 1903-73	38,134 6 3			39,200 0 0	39,200 0 0	38,203 11 0	
Total	4,38,134 6 3			6,89,200 0 0	6,89,200 0 0	6,88,203 11 0	
Advances recovered—							
i. Permanent	115 0 0			3,000 0 0	18,000 0 0	9,033 9 5	
ii. Others	17,970 10 9			3,000 0 0	18,000 0 0	9,033 9 5	
Total	18,085 10 9			6,000 0 0	18,000 0 0	9,033 9 5	
Total Receipts	1,60,912 11 1			1,30,100 0 0	1,40,450 0 0	1,65,040 5 2	

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1908-09.

Items.	Actuals, 1908-09.			Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals, 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	Rs.	A. P.	RS.				
1	2	3	4	5	6	7	
GRANT I.—(Public Works)—							
1. New Works—							
(a) Communications	12,697 14 2			45,260 0 0	15,500 0 0	17,226 5 10	The decrease is chiefly due to the work of constructing a bridge in the North end of Subbaraya Chetty 4th lane not being fully paid for during the year although completed within the year.
(b) Buildings	1,40,654 11 6			4,37,600 0 0	1,99,880 0 0	85,051 2 0	The decrease is due to some of the works included in the estimate not having been carried out within the year and to claims for some works completed, not having been preferred and paid for in time.
(c) Drainage—							Do do and to the cost of stone-work, etc., and materials sold to outside parties having been carried over to Stores.
1. Special	36,819 5 2			6,08,900 0 0	1,15,730 0 0	52,555 11 6	The decrease is due to claims not preferred and paid for in time and to savings.
2. Ordinary	12,346 0 0			17,600 0 0	15,200 0 0	4,531 10 0	The decrease is due to some of the works included in the estimate not having been carried out within the year and to claims for some works completed, not having been preferred and paid for in time.
(d) Water-supply—							Do do and to claims for some works completed, not having been preferred and paid for in time.
1. Special	59,414 7 1			8,80,000 0 0	2,49,000 0 0	10,385 1 0	The decrease is due to non-payment of compensation for acquiring lands for opening congested areas within the year.
2. Ordinary	7,341 12 9			10,000 0 0	11,500 0 0	8,444 0 4	The decrease is due to claims not preferred and paid for in time and to savings.
(e) Miscellaneous—							Do do and to claims for opening congested areas within the year.
1. Miscellaneous	27,132 7 6			50,100 0 0	40,150 0 0	8,444 0 4	The decrease is due to non-payment of compensation for acquiring lands for opening congested areas within the year.
Total	2,26,314 6 6			4,20,43,680 0 0	6,37,760 0 0	1,80,495 14 8	The decrease is due to claims not preferred and paid for in time and to savings.
2. Repairs—							
(a) Communications							Do do and to claims for opening congested areas within the year.
(b) Buildings	11,582 1 7			19,450 0 0	18,540 0 0	8,069 14 11	The decrease is due to claims not preferred and paid for in time and to savings.
(c) Drainage—							Do do and to claims for opening congested areas within the year.
1. Repairs to Works, &c.	2,23,615 11 8			2,27,320 0 0	2,26,320 0 0	1,86,250 14 8	The decrease is due to claims not preferred and paid for in time and to savings.
2. Establishment	33,752 7 1			32,390 0 0	34,150 0 0	28,077 8 10	The decrease is due to claims not preferred and paid for in time and to savings.
3. Overtime	214 2 0			500 0 0	230 0 0	293 8 9	The decrease is due to claims not preferred and paid for in time and to savings.
4. Allowances	2,231 0 7			2,440 0 0	2,130 0 0	1,812 0 5	The decrease is due to claims not preferred and paid for in time and to savings.
Total	4,97,719 13 8			5,98,970 0 0	6,80,410 0 0	4,14,611 7 5	The decrease is due to claims not preferred and paid for in time and to savings.
Carried over				4,20,43,680 0 0	6,37,760 0 0	1,80,495 14 8	

APPENDIX 1.

Items.	Actuals, 1908-09.		Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Accounts, 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	Details of Minor Heads.	Totals of Major Heads.				
1	2	3	4	5	6	7
Brought forward—						
GRANT I.—(Continued).						
2. Repairs—(continued).						
(a) Water-supply—						
Repairs to Works, &c.						
Establishment						
(c) Miscellaneous						
Total—						
3. Establishment—						
(a) General						
Special—						
Drainage						
Water-supply						
Allowances—						
Special						
Ordinary						
Leave allowances						
(b) Steam Road Roller—						
Establishment						
Overtime						
Total—						
4. Tools and Plant						
5. Miscellaneous—						
(a) Stationery						
(b) Printing Charges						
(c) Advertising Charges						
(d) Law Charges and Stamp Duties						
(e) Office Furniture						
(f) Contingent						
(g) Water-works Contingent						
(h) Labor-Punkah						
(i) Clothing for Peons and Beldars for Road						
Footloose						
(j) Fuel, Oil, &c. for Steam Road Roller						
(k) Inspection of dangerous Buildings						
Total—						

1. Fixed and Bents Grants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</
---------------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------

Items.	Actuals, 1908-09.		Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals, 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	Totals of Major Heads.					
	2	3				
GRANT III—(Continued).						
Brought forward...						
2. Contributions—(Concluded).						
(a) Contribution for St. Thomas Dispensary	20,000 0 0		20,000 0 0	20,000 0 0	20,000 0 0	
(b) Do. Convent Dispensary	1,100 0 0		1,100 0 0	1,100 0 0	1,100 0 0	
(c) Do. Victoria Castle and Hosia Hospital	240 0 0		240 0 0	240 0 0	240 0 0	
(d) Do. Seemian Dispensary	500 0 0		500 0 0	500 0 0	500 0 0	
(e) Do. Surgeon-General's establishment to consolidate infants	780 0 0		780 0 0	780 0 0	780 0 0	
(f) Total...	27 0 0		40 0 0	40 0 0	53 0 0	
	...	22,647 0 0	22,660 0 0	22,678 0 0		
3. Vaccination—						
(a) Establishment Allowances	8,491 8 11		9,190 0 0	8,770 0 0	8,601 9 2	The decrease is due to savings.
(b) Contingencies—	240 0 0		240 0 0	240 0 0	240 0 0	
Animal Vaccination, Stationery, Clothing, &c.	1,908 3 6		3,130 0 0	2,400 0 0	2,665 12 5	Do. do.
Total...	...	10,634 12 7	12,560 0 0	11,410 0 0	11,507 5 7	
4. Registration of Births and Deaths—						
(a) Establishment Allowances	8,037 7 6		7,706 6 0	8,160 0 0	7,659 14 3	Do. do.
(b) Contingencies—	240 0 0		240 0 0	240 0 0	240 0 0	
Stationery, Clothing, &c.	1,480 12 2		1,500 0 0	1,500 0 0	1,102 6 9	
Total...	...	9,768 3 8	9,440 6 0	9,900 0 0	9,302 5 0	
5. Conservancy—						
(a) Establishment—						
General	30,766 6 0		23,076 6 0	23,000 0 0	21,737 8 11	Do. do.
Street Conservancy	3,068 4 7		5,700 0 0	7,560 0 0	5,481 12 1	
House do	2,200 11 8		6,200 0 0	7,560 0 0	6,038 7 4	
Allowances	3,546 5 8		3,900 0 0	3,900 0 0	3,451 15 6	
(b) Hire of Sweengiers	85,794 11 5		38,450 0 0	38,450 0 0	35,583 8 2	Do. do.
(c) Hire of Bullocks	5,358 14 11		3,900 0 0	5,360 0 0	35,678 5 8	
(d) Maintenance of Bullocks—						
Establishment Allowances	3 8		3,850 0 0	3,850 0 0	3,008 15 5	
Total...	...	1,21,500 0 0	1,21,000 0 0	1,21,000 0 0	1,21,188 12 3	Do. do.
* Labor, Fodder, contingencies, &c.						

	Labor	4,160 0 5	4,320 0 0	4,385 2 5	The decrease is due to claims not preferred and paid for in time and to savings.
(f) Night-soil Depots and Shoots—					
Establishment					
Labor	1,103 5 8	1,100 0 0	1,110 0 0	983 5 8	do.
(g) Sowing Latrines	7,794 11 0	8,830 0 0	8,850 0 0	8,337 14 7	do.
(h) Maintenance of Sewage Farms—					
Establishment					
Labor	300 0 0	300 0 0	300 0 0	438 7 9	do.
(i) Rent of Sewage Farms					
(j) Rent of Lorry Stations and Cart Depôts	17,591 2 7	28,100 0 0	28,000 0 0	50 4 0	do.
(k) Burial and Burning Grounds—Labor	679 10 10	600 0 0	600 0 0	20 3 1 7	do.
(l) Repair of Carts, Boats and Buckets	1,438 13 0	3,850 0 0	4,500 0 0	25 2 4 10	do.
	15,527 12 7	12,000 0 0	12,000 0 0	9,431 2 11	The excess is due to repairs done to carts being greater than what was anticipated.
(m) Contingent—General					The decrease is due to claims not preferred and paid for in time and to savings
(n) Epidemic Charges—					
Establishment					
Labor	23,489 12 1	1,730 0 0	38,820 0 0	40,852 2 6	do.
(o) Milk Depôt—					
Establishment					
Contingencies, &c.	1,090 14 8	2,990 0 0	1,100 0 0	0 0 0	do.
(p) Improvement of Parcheries—	7,475 12 7	6,000 0 0	6,000 0 0	6,006 2 7	The excess is due to the estimate having been proved insufficient
Labor, &c.	4,429 11 1	5,100 0 0	6,100 0 0	1,018 3 0	The decrease is due to claims not preferred and paid for in time and to savings.
(q) Road Watering—					
Establishment					
Labor	1,987 5 0	2,020 0 0	2,110 0 0	1,468 9 4	The decrease is due to savings
(r) Tools and Plant	14,636 18 0	17,750 0 0	15,500 0 0	13,958 10 2	do
	32,876 3 8	37,200 0 0	37,200 0 0	6,599 1 5	do
Total...		357,468 4 8	4,36,840 0 0	2,91,535 9 4	
6. Miscellaneous—					
(a) Stationery	1,086 11 8	2,000 0 0	2,000 0 0	1,459 1 0	
(b) Printing Charges	786 12 10	2,000 0 0	2,000 0 0	1,610 14 0	
(c) Advertising Charges	1,121 14 0	1,200 0 0	1,200 0 0	946 2 10	
(d) Law Charges and Stamp Duties	795 0 8	1,000 0 0	1,500 0 0	554 0 0	
(e) Office Furniture	179 12 9	100 0 0	700 0 0	68 1 10	
(f) Labor, Fuel, &c.	192 3 4	180 0 0	210 0 0	171 15 9	
(g) Clothes, Rods, and Belts	1,368 8 7	1,900 0 0	1,800 0 0	1,779 8 8	
(h) Extra Staff		500 0 0	900 0 0	104 4 10	
Total		5,724 15 5	8,780 0 0	6,803 7 2	do
Total, Grant III...		4,43,072 8 0	5,28,200 0 0	4,83,540 0 0	do
GRANT IV.—Miscellaneous Municipal Purposes.					
1. Lighting—					
Establishment					
Labor	1,994 6 1	1,920 0 0	2,000 0 0	1,920 13 8	
Maintenance	936 8 10	1,140 0 0	940 0 0	914 11 3	
Additional Lamps and Sundries	69,334 13 11	62,000 0 0	69,860 0 0	56,333 12 7	do
Repairs to Lamps and Posts	328 0 0	11,000 0 0	720 0 0	978 13 1	do
	6,349 7 9	6,000 0 0	7,000 0 0	8,300 2 10	do
Total		78,681 15 1	82,060 0 0	62,908 5 5	
Carried over...		14,78,676 6	93,46,450 0 0	19,93,370 0 0	11,83,631 4 11

GRANT IV.—Miscellaneous Municipal Purposes.

1. Lighting—

Establishment—

Labor

Maintenance

Additional Lamps and Sundries

Repairs to Lamps and Posts

Total...

Carried over...

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1908-09—(Continued).

Items.	Actuals, 1908-09.			Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals, 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	Details of		Totals of				
	Minor Heads.	Major Heads.					
1	2	3	4	5	6	7	
	RS.	A. P.	RS.	A. P.	RS.	A. P.	
Brought forward...	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...	...	...	...	...	...	
	...						

Sinking Fund—

W. W. Loan, 1869-73	28,690 0 0	28,690 0 0	28,690 0 0	28,690 0 0	28,690 0 0					
Debt-fund Loan, 1879	440 0 0	440 0 0	440 0 0	440 0 0	440 0 0					
Water-supply Extension Loan, 1882	1,450 0 0	1,450 0 0	1,450 0 0	1,450 0 0	1,450 0 0					
G. T. Drainage Loan, 1883	5,890 0 0	5,890 0 0	5,890 0 0	5,890 0 0	5,890 0 0					
do. 1885	5,720 0 0	5,720 0 0	5,720 0 0	5,720 0 0	5,720 0 0					
do. 1887	830 0 0	830 0 0	830 0 0	830 0 0	830 0 0					
do. 1888	1,200 0 0	1,200 0 0	1,200 0 0	1,200 0 0	1,200 0 0					
do. 1889	1,200 0 0	1,200 0 0	1,200 0 0	1,200 0 0	1,200 0 0					
Water-works Loan, 1889	170 0 0	170 0 0	170 0 0	170 0 0	170 0 0					
G. T. Drainage Loan, 1890	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0					
Water-works Loan, 1895	3,050 0 0	3,050 0 0	3,050 0 0	3,050 0 0	3,050 0 0					
Market Loan, 1897	1,520 0 0	1,520 0 0	1,520 0 0	1,520 0 0	1,520 0 0					
Plague Loan, 1899	380 0 0	380 0 0	380 0 0	380 0 0	380 0 0					
Water-works Loan, 1899	3,190 0 0	3,190 0 0	3,190 0 0	3,190 0 0	3,190 0 0					
Market Loan, 1899	1,140 0 0	1,140 0 0	1,140 0 0	1,140 0 0	1,140 0 0					
Drainage Loan, 1899	5,930 0 0	5,930 0 0	5,930 0 0	5,930 0 0	5,930 0 0					
Water-works Loan, 1900	1,140 0 0	1,140 0 0	1,140 0 0	1,140 0 0	1,140 0 0					
Drainage Loan, 1900	760 0 0	760 0 0	760 0 0	760 0 0	760 0 0					
1901-1902	910 0 0	910 0 0	910 0 0	910 0 0	910 0 0					
Sewer Loan, 1901-1902	1,520 0 0	1,520 0 0	1,520 0 0	1,520 0 0	1,520 0 0					
Drainage Loan, 1903	3,800 0 0	3,800 0 0	3,800 0 0	3,800 0 0	3,800 0 0					
do. 1905	13,418 15 1	13,420 0 0	13,420 0 0	13,420 0 0	12,898 13 3					
Plague Loan, 1905	7,640 0 0	7,640 0 0	7,640 0 0	7,640 0 0	7,640 0 0					
Special Building Loan, 1907	2,100 0 0	2,100 0 0	2,100 0 0	2,100 0 0	2,100 0 0					
Drainage Loan, 1908	...	...	...	...	...					
Total.	98,139 15 1	1,01,650 0 0	98,150 0 0	98,150 0 0	97,628 13 3					
Carried over.	10,17,811 7	239,14,620 0	24,48,010 0	24,48,010 0	15,39,155 10 2					

APPENDIX I.

STATEMENT II.—Expenditure from the Municipal Fund of the City of Madras for the Official year 1908-09—(Concluded).

Item.	Actuals, 1908-09.		Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals, 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	1	2	3	4	5	6
	Minor Heads.	Major Heads.				
Interest—						
4 1/2% W.W. Loan, 1889-78	14,30,000	...	...	...	...	...
6 1/2% Debenture Loan, 1879	20,000	...	...	...	...	...
5 1/2% Water-supply Extension Loan, 1882	2,50,000	...	...	...	...	...
1883	1,60,000	...	...	...	...	...
1884	3,00,000	...	...	...	...	...
1885	15,012 8	...	...	...	...	...
1886	18,000	...	...	...	...	...
1887	2,52,000	...	...	...	...	...
1888	1,00,000	...	...	...	...	...
1889	1,50,000	...	...	...	...	...
1890	20,000	...	...	...	...	...
1891	50,000	...	...	...	...	...
1892	4,00,000	...	...	...	...	...
1893	1,00,000	...	...	...	...	...
1894	1,00,000	...	...	...	...	...
1895	2,00,000	...	...	...	...	...
1896	4,20,000	...	...	...	...	...
1897	1,60,000	...	...	...	...	...
1898	1,50,000	...	...	...	...	...
1899	1,50,000	...	...	...	...	...
1900	7,98,000	...	...	...	...	...
1901	1,50,000	...	...	...	...	...
1902	1,20,000	...	...	...	...	...
1903	5,00,000	...	...	...	...	...
1904	7,00,000	...	...	...	...	...
1905	41,000	...	...	...	...	...
1906	1,00,000	...	...	...	...	...
1907	1,00,000	...	...	...	...	...
1908	4,00,000	...	...	...	...	...
Total...	2,81,08,312	1	3,00,530	0	2,98,106	511

The decrease is due to claims not preferred and paid for in time.

APPENDIX I.

Advances Recoverable—	Actuals, 1908-09.		Budget Estimate for 1908-09.	Revised Estimate for 1908-09.	Actuals, 1907-08.	Explanation of variations between the Actuals and the Revised Estimate of 1908-09.
	1	2	3	4	5	6
	Minor Heads.	Major Heads.				
i. Permanent	450 0 0	...	...	...	...	...
ii. Others	63,628 3 9	...	...	...	...	...
Total...	63,628 3 9	...	...	...	...	...
Refund of other than Current Collections	18,883 12 8	...	...	...	...	...
Discount	...	...	...	...	...	...
Pensions and Gratuities—	...	...	...	...	...	...
(a) Superior Grade	21,610 9 11	...	...	...	...	...
(b) Inferior Grade	1,023 8 9	...	...	...	...	...
Total...	22,633 8	...	...	...	...	...
Total Expenditure...	23,06,523 6	...	...	...	...	...
Closing Balance—	...	...	...	...	...	...
General Fund	8,98,832 18 7	...	...	...	...	...
Water and Drainage Fund	8,94,819 2 7	...	...	...	...	...
Lighting Fund	20,618 1 0	...	...	...	...	...
Total...	18,14,100 1 2	...	...	...	...	...
Grand Total...	41,20,953 7	...	...	...	...	...

The excess represents the advances made to the Stores and to Special Deputy Collector for opening congested areas.

This is an uncertain item

The decrease is due to claims not preferred and paid for in time and to savings.

APPENDIX I.

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1909 and forming the opening Balances of 1909-1910—(Concluded).

	Brought forward...	RS.	A. P.	RS.	A. P.	RS.	A. P.
OTHER ADVANCES—(Concluded).	50 12 10	91,215	0	063,87,804	12 5	79,22,112	8 6
Doraisawmy Mudali ...	0 14 4						
The Ex. Engineer, Presidency Division ...	26 1 7						
The Fitter Cooly—1st Division ...	6 2 9						
The Government of Madras ...	951 4 3						
Do ...	Cr. 4 7 0						
The Health Officer ...	969 5 5						
Loganatha Mudali ...	Cr. 3 15 1						
The Madras & Southern Mahratta Railway Co., Ltd. ...	0 10 7						
The Madras Stable Co. ...	Cr. 1 11 10						
Nagan & Vathuchellum—Watering Coolies ...	7 7 4						
The President, Trivellore Taluk Board ...	3 1 2						
Parasuraman—Turn Cock ...	0 0 3						
N. Punyacoti Auchari ...	100 0 0						
The Sanitary Commissioner, Madras ...	45 10 6						
Messrs Spencer & Co. ...	3 9 0						
Syed Kareem ...	20 7 4						
The Municipal Stores ...	50,000 0 0						
Shaik Madar—Turn Cock ...	Cr. 0 11 3						
Syed Ghouse—Fitter ...	1 0 2						
T. Sundaraganasa Mudali—Special Overseer ...	95 0 0						
A. Scholl—Engineer ...	Cr. 11 0 0						
R. R. Sundaram Iyer—Sanitary Overseer ...	100 0 0						
A. Srinivasan do ...	100 0 0						
T. C. Somasundaram, P. V. Appadory Mudali and S. Krishnaswamy Naidu ...	21 0 0						
The Special Deputy Collector ...	11,203 9 0						
Mr. M. Wiy—Vepery ...	3 9 0						
The Head Assistant Collector, Rajamundry ...	Cr. 62 8 9						
		62,825	8 7	1,54,840	3 7		
Total...		65,42,645	0 0	79,22,112	8 6		

APPENDIX I.

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

Part I.—New Works.

No.	Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT. I.—(Public Works.)			
	1. NEW WORKS—			
	(a) Communications.			
2	Constructing a culvert of 2 ft. span on the southern end of Chellappa Mudaly Street near Mukn Chetty Street ...	100	97	Work completed.
3	Acquiring a portion of the house No. 3 at the junction of Poonamallee Road and Sydenham's Road for improvement of these roads ...	9,200	9,222	Do.
4	Constructing a culvert of 2 ft. span in Appasawmy Mudaly Street, Chetput ...	100	99	Do.
5	Constructing a bridge in the north end of Subroya Chetty 4th lane at its junction with Connoor Road ...	4,000	2,298	Do. but not paid in full.
6	Constructing culverts in Moore Road ...	210	218	Do.
7	Acquisition of land required for the new road from Mount Road to South Beach Road ...	800	601	Acquisition in progress.
8	Acquisition of land for widening Appu Mudaly Choultry Street, Mylapore ...	130	130	Acquisition completed.
9	Acquisition of land in Goya Tope for roadway ...	360	359	Do.
10	Constructing a parapet wall for the storm water drain in Myasawmy Pillay Street ...	450	448	Work completed.
11	Petty Works ...	150	126	
	Total...	15,500	13,598	
	(b) Buildings.			
1	Constructing compound walls and a gate around the land of Sanui Burial ground in Suria Narayana Chetty Street, Royapuram ...	2,000	1,918	Work completed.
2	Constructing a male and female sanded latrine in Rayakannu's land in the north end of Shaik Maistry Street ...	1,150	1,067	Do.
3	Altering the building in Slaughter-house Road into Sanitary Inspector and Overseer's Office ...	400	364	Do.
4	Constructing peons' quarters in Robinson Park ...	780	776	Do.
5	Constructing a male and female flush-out latrine on the north side of Andappa Mudaly Street, Tinnevely settlement ...	2,860	2,481	Do. but not paid in full.
6	Constructing the Mechanical Engineer's Office at the Corporation Workshop ...	5,630	4,854	Do.
7	Extending the Turners' and Fitters' shop to a length of 50 ft. at the Corporation Workshop ...	3,580	2,950	Do.
8	Constructing a male and female flush-out latrine in Municipal Workshop lane ...	1,400	1,157	Do.
	Carried over...	17,800	15,500	

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

Part I.—New Works—(Continued).

No.	Description of Work.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward ...	Rs. 17,800	Rs. 15,597	
	GRANT I.—(Public Works)—(Contd.)			
	I. NEW WORKS—(Contd.)			
	(b) Buildings—(Contd.)			
13	Land for a Lorry station and latrines of Triplicane ...	140	136	Work completed.
14	Constructing a masonry shed for a Pig pen opposite to Slaughter-house in DeMellow's Road ...	1,450	1,448	Do.
15	Constructing Sheep-slaughter-house, Gantz Road, Perambur ...	36,000	34,367	Do.
16	Improvements to Moore Market ...	15,000	5,686	Work in progress.
17	Constructing the Corporation Office building ...	30,000	10,000	Do.
18	Constructing seven steel-pale fences 100 ft. square for straw yards at each of the Conservancy Depots ...	7,000	739	Do.
19	Constructing 2 sheds for 3rd and 4th Road rollers ...	1,850	1,851	Work completed.
20	Constructing a flush-out latrine in Napier Park Pumping Station for staff ...	300	140	Do. but not paid in full.
21	Constructing a flush-out latrine in Ice House Road Pumping Station for staff ...	300	296	Do. do
22	Constructing a flush-out latrine in Mysapore Pumping Station for staff ...	300	284	Do. do
24	Acquisition of land for extending Kistnampet Cark Depot ...	4,320	4,319	Do.
25	Acquisition of land for, and construction of latrine and water-supply for Model School, Teynampet ...	1,060	986	Do. do
26	Constructing a male and female flush-out latrine in Narayana Maistry garden ...	950	747	Do.
27	Constructing a cook-room for Assistant Engineer's Bungalow, Red Hills ...	800	461	Do.
28	Alterations to the building at the western corner of Errabala Chetty Street ...	3,000	360	Do. do
29	Construction of new sheds and repairs to the existing sheds including fencing, flooring, &c., in Conservancy Depots ...	25,000	14,763	Do. do
30	Construction of Drivers' Lines, Conservancy Depots ...	10,000	...	Work in progress.
32	Constructing 2 urinals, one inside the Menagerie enclosure and the other near the Band Stand, People's Park ...	300	11	Do.
33	Constructing new school buildings ...	5,000	652	Do.
34	Manufacturing one iron tank and fixing the same on masonry pillars at a height of 6 ft. at the George Town Dispensary ...	120	78	Work completed but not paid in full.
	Carried over...	1,61,390	90,826	

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

Part I.—New Works—(Continued).

No.	Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward...	Rs. 1,61,390	Rs. 90,826	
	GRANT I.—(Public Works)—(Contd.)			
	I. NEW WORKS—(Contd.)			
	(b) Buildings—(Contd.)			
35	Constructing drain around Operation room and fixing glazed windows on the eastern wall with monkey tops ...	170	124	Work completed.
36	Providing a tip-up basin for the George town Dispensary ...	200	150	Do.
37	Flooring the two dressing rooms and the compounding room of George town Dispensary with Cuddapah slabs ...	240	239	Do.
38	Providing wooden ceiling to the urinal shed erected in Raja Sir Ramasawmy Mudaliar's Maternity Hospital ...	270	210	Do.
39	Flooring the Cholera and Small-pox sheds attached to the Monegar Choultry with Cuddapah slabs ...	1,640	1,223	Do.
40	Constructing a compound wall 5ft high in front of Raja Sir Ramasawmy Mudaliar's Lying-in-Hospital in Monegar Choultry Road ...	510	475	Do.
41	Erecting a compound wall for Royapettn Hospital ...	1,230	1,232	Do.
42	Constructing and repairing the retaining wall of Trevelyan Basin ...	6,000	5,157	Do.
43	Acquisition of land for a store-room of the Health Officer, 10th Division ...	740	736	Acquisition completed.
44	Building a Model Paracherry at Tondiarpet ...	13,790	13,790	Work completed.
45	Converting the thatched roof of the contagious ward of the Lying-in-Hospital in Monegar Choultry Road into a urinal one.	960	957	Do.
46	Constructing a male and female sanded latrine in Narayanappa Naick Street junction of Jaffer Syrang Street near Sea Customs Office ...	90	91	Do.
47	Constructing a Filters and Turners' shop proposed to be worked by Steam power in Corporation Workshop ...	960	978	Do.
48	Removing and reconstructing the Rabbits cage inside the Menagerie compound in People's Park ...	10	9	Do.
49	Constructing a Model School at Teynampet ...	1,620	1,618	Do.
50	Constructing a male and female flush-out latrine in Cuppam Hutting ground ...	660	658	Do.
51	Constructing a male and female flush-out latrine in Ice House Road ...	180	47	Do.
52	Constructing urinals ...	440	141	Do.
53	Constructing Central Gram Depot and erecting gram crushing machinery ...	2,220	2,070	Do.
	Carried over ...	1,93,320	1,20,731	

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

Part I.—New Works—(Continued).

No.	Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward...	Rs. 1,92,820	Rs. 1,20,731	
	GRANT I.—Public Works.—(Contd.)			
	1. NEW WORKS—(Contd.)			
	(b) Buildings—(Contd.)			
54	Constructing a male and female latrine with masonry seats in Pudumanai Surianarayana Chetty Street ...	1,180	1,182	Work completed.
55	Constructing a male and female latrine in Chinnasawmy Chetty's garden ...	1,340	1,334	Do.
56	Constructing retaining wall on the northern side of Travelyan Basin ...	3,000	2,818	Do.
57	Petty works ...	840	594	
	Total...	1,99,690	1,26,659	
	(c) Drainage—Special.			
	Drainage Construction.			
1	Laying New Pipes taking up and relaying Old Pipes ...	50,000	17,109	Work in progress.
2	Laying 16" Cast Iron Main ...	42,927	18,850	Do.
3	Raising Manholes and fitting up Covers ...	40,000	13,631	Do.
4	Petty Works: making house connections, etc. ...	3,000	2,847	
5	Miscellaneous ...	7,800	7,109	
6	Stores ...	20,000	21,414	
7	Sewer No. 11 ...	2,000	568	
8	Realisation by sales of Stores, &c. ...	1,65,727 Gr. 50,000	79,048 39,729	
	Total...	1,16,727	39,819	
	(c) Drainage—Ordinary.			
1	Raising the sill of the drain from the fountain in Yacob Sahib garden to the Military drain to which it is connected ...	90	87	Work completed.
2	Constructing 6" side drain on both sides of Cundappa Achary Street and connecting the same with the manhole in Cariappa Mudaly Street, Purasawakam ...	1,800	1,389	Do.
3	Constructing 1½ ft. drain on the eastern side of Cundappa Mudaly High Road from Vadamalay Pillay Street towards north ...	680	625	Do.
4	Constructing 9" side drain on both sides of Veerasawmy Mudaly Street, Purasawakam ...	710	708	Do.
5	Constructing 9" side drain on both sides of Thandava Achary Street, Purasawakam ...	740	735	Do.
6	Constructing 9" side drain on both sides of Syamman Govil Street, Purasawakam ...	740	744	Do.
	Carried over...	4,710	4,238	

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

Part I.—New Works—(Continued).

No.	Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward...	Rs. 4,710	Rs. 4,238	
	GRANT I.—Public Works—(Contd.)			
	1.—NEW WORKS—(Contd.)			
	(c) Drainage—Ordinary—(Contd.)			
7	Constructing 9" side drain on both sides of Perumal Naick Street, Purasawakam ...	850	849	Work completed.
8	Constructing side drains for storm water ...	3,200	1,944	Do. but not paid in full.
9	Constructing 6" masonry drain in Saravana Perumal Mudaly lane from north end and connecting drain at end of the lane ...	230	226	Do.
10	Constructing a 6" masonry drain in Venkataswamy Mudaly Street between public fountain and Ramasawmy Pillay Street on the east side and from Ramasawmy Pillay Street to Purasawakam High Road on the west side ...	500	497	Do.
11	Constructing 6" and 9" masonry drain on the east and west sides of Saravana Perumal Mudaly Street, Purasawakam ...	750	755	Do.
12	Constructing a water shoot at Commander-in-Chief Bridge ...	450	442	Do.
13	Constructing a masonry drain in Curubanally Sahib Street and other lanes in Woods Road ...	1,150	892	Do.
14	Constructing 6" drain on both sides of Jan Mahomed Street ...	950	933	Do.
15	Constructing masonry side drains for districts not sewered by the New Drainage Works ...	180	181	Do.
17	Manufacturing C. I. gratings for the drains in China Bazaar Road and elsewhere wherever required ...	1,430	805	Do.
18	Petty Works ...	800	584	
	Total...	15,200	12,346	
	(d) Water-Supply—Special.			
1	Settling Basin ...	10,000	...	Work in progress.
2	Conduit ...	78,000	961	Do.
3	Filter beds ...	46,000	Cr. 19	Tenders received.
4	Drivers Quarters ...	8,821	5,587	Work not commenced.
5	Compensation for land for Pumping and Filtering Stations ...	20,000	11,409	Work completed but not paid in full.
6	Pumping Main ...	54,000	32,331	Amount paid for the sanctioned awards.
7	Contingencies and Unforeseen works ...	10,400	6,318	Supply of Steel Pipes is in progress.
8	Stores (suspense account) ...	13,779	...	Supply of Cement is not commenced.
	Total...	2,40,000	59,647	

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

Part I.—New Works—(Concluded).

Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Rs.	Rs.	
GRANT 1—Public Works—(Contd.)			
I—NEW WORKS—(Concluded).			
(d) Water-supply.—Ordinary.			
Purchasing and fixing hydrants ...	300	173	
For laying and cleaning distributory pipes where immediately required ...	7,500	4,712	
Building a basin for Kannadapalayam people and connecting with Red Hills water by pipes ...	2,500	1,428	Work completed but not paid in full.
Petty works ...	1,200	932	
Total...	11,500	7,245	
(e) Miscellaneous.			
Opening congested areas ...	40,000	27,043	Work in progress.
Fencing the bridge on both sides near the cemetery on Quibble Island at Adyar and painting the posts white ...	100	89	Work completed.
Petty works ...	50	...	
Total ..	40,150	27,132	

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

Part II.—Repairs.

No.	Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT 1—(Public Works)—(Contd.)			
	II.—REPAIRS.			
	(a) Communications.			
1	Reform under contract ...	2,00,000	1,67,995	
2	Repair Materials ...	80,000	50,067	
3	Labor for rolling ...	3,840	3,804	
4	Repairs to culverts and foot-paths ...	2,800	2,137	
5	Repairs to Bridges—			
	Canal bridges ...	2,000	1,831	
6	Petty works ...	400	390	
	Total ...	2,89,040	2,26,814	
	(b) Buildings.			
1	Repairing and painting Pumping Stations ...	650	550	Work completed.
2	Do the Municipal Office premises ...	1,070	777	Do but not paid in full.
3	Do Royapettah Hospital ...	1,000	775	Work in progress.
4	Do Cottages, Delivery channel ...	650	802	Do.
5	Do Red Hills Bungalows and out-houses ...	650	600	Work completed.
6	Do Smithfield Market ...	1,280	568	Work in progress.
7	Do Municipal Stables ...	100	68	Work completed.
8	Do Baliah Naidu Dispensary including converting verandah into an operation room, &c. ...	400	190	Work in progress.
9	Do Superintendent's and Sergeant's quarters in People's Park ...	420	336	Work completed but not paid in full.
10	Do Gate peons' lodgings in Napier Park ...	90	...	Do but not paid.
11	Do Municipal latrines ...	2,800	2,014	Work completed but not paid in full.
12	Do Overseers' Offices (Works and Health Departments) ...	400	296	Do do
13	Do Drivers' quarters, Royapuram Pumping Station ...	100	47	Do do
14	Repairing Monegar Choultry Slaughter-house ...	200	200	Do
15	Do the Clerk's quarters and adding a room to the Asstt. Clerk at Ennore ...	250	...	Do but not paid.
16	Do Chulay Incinerator ...	4,630	2,643	Work in progress.
17	Do the Isolation Hospital, Kistnampet ...	140	136	Work completed.
18	Repairing and flooring the Band Stand with Cuddapah slabs in People's Park ...	860	137	Do but not paid in full.
19	Repairing the Dhoby Khana ...	200	14	Work in progress.
20	Repairing the toll bar at Kilpauk Garden Road ...	140	...	Work completed but not paid for.
21	Do the Vaccination Depot in Arundhella Nallur Road ...	300	...	Do do
	Carried over—	16,230	9,653	

APPENDIX I.

STATEMENT II-A.—Details of allotment for expenditure on Public Works estimated
Rs. 100 or upwards—(Continued).

Part II.—Repairs—(Continued).

No.	Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward...	Rs. 14,230	Rs. 9,653	
	GRANT I.—Public Works—(contd.)			
	II.—REPAIRS.—(contd.)			
	(b) Buildings—(contd.)			
24	Repairing the three verandahs of the Plague Hospital in Old Jail Street ...	110	131	Work completed.
25	White and colour washing walls and painting doors and windows of L. R. and L. G. caste ward of Lying-in-Hospital, 2nd Division ...	170	132	Do
26	Petty works ...	2,000	1,643	
	Total ...	18,540	11,582	
	(c) Drainage.			
1	Repairs to side drains ...	1,320	1,143	
2	Laying down 6" stoneware pipes from man-hole at the junction of Sadayappa Mudaly Street and Adanja Mudaly Street, removing, disjointing and relaying, &c. ...	2,300	1,704	Work completed but not paid for
3	Laying down 6" stoneware pipes from man-hole in dead lane and Sadayappa Mudaly Street, removing, disjointing and relaying, &c. ...	1,200	614	Do do.
4	Petty works ...	2,500	2,075	
5	Pumping Stations—			
	i. Royapuram—Labour, &c. ...	20,700	19,423	
	ii. DeMellow's Road ...	7,260	6,817	
	iii. Lang's Garden ...	11,510	13,444	
	iv. Napier Park ...	23,660	22,669	
	v. Ice House Road ...	23,000	21,505	
	vi. Mysapore ...	4,260	4,376	
	vii. Spare Fireman ...	180	180	
	viii. Sewer cleaning staff (Works Dept.) and contingencies ...	18,250	14,972	
	ix. Hire of coolies, cleaning sewers &c. ...	41,000	37,854	
	x. Hire of Bullocks ...	2,880	2,679	
	xi. Maintenance of Bullocks ...	70,500	66,823	
	xii. Do Carts ...	8,000	7,113	
		2,36,920	2,23,518	
	(d) Water-supply.			
1	Repairing Fountains—			
	i. Labour ...	14,610	13,147	
	ii. Repairs Materials ...			
	Carried over...	14,610	13,147	

APPENDIX I.

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

Part II.—Repairs—(Concluded).

No.	Description of Works.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward...	Rs. 14,610	Rs. 13,147	
	GRANT I.—Public Works—(Contd.)			
	II. REPAIRS.—(Concl.)			
	(d) Water-supply.			
2	Repairing Pipes—			
	Repairs Materials ...	6,790	5,890	
3	Repairs to meters including replacing old meters ...	5,000	4,892	
4	Repairing Delivery Channel—			
	i. Labour ...	12,220	10,083	
	ii. Repairs Materials ...			
5	Red Hills Lake staff ...	2,000	2,010	
6	Temporary Water-supply (Red Hills Pumping)	12,000	12,379	
	Total ...	52,620	47,291	
	(e) Miscellaneous.			
1	Demolishing the old Incinerator chimney at Barbers Bridge ...	100	100	
2	Demolishing the old Incinerator chimney at Naval Hospital Road ...	20	18	

STATEMENT IV-A - Demand, Collection and Balance Statement of Taxes, &c., for the year 1908-1909 (Current).

Description of taxes, &c	Gross Demand.				Remitted on appeal.	Net Demand. (Column 2 minus Column 3).	Collection.				Remission.				Balance.		
	2		3				Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	For vacancy, &c.	Written off.	Percentage of the total of columns 7 and 8 to net Demand.	Column 4 minus Column 5, 7 and 8.	9 (a)
	Rs.	A. P.	Rs.	A. P.													
1 Tax on Arts, &c.	1,40,310 0 0	1,166 0 0	1,166 0 0	1,38,143 15 3	1,36,450 8 5	17 8 0	98 06	Rs.	A. P.	Rs.	A. P.	5 0 0	0 08	2,886 11 10	1 93		
2 Tax on Buildings and Lands	6,72,081 0 10	483 10 0	483 10 0	6,23,597 10 10	6,23,597 10 10	238 11 0	93 43	6,105 1 3	47 10 11	3,136 8 0	3 71	0 91	0 82	24,710 14 1	3 55		
3 Tax on Lands	5,029 9 11	4 8 0	4 8 0	5,025 1 3	5,025 1 3	9 7 2	95 38	3,951 11 2	30 15 9	16,252 9 3	3 71	0 91	0 82	160 7 11	3 55		
4 Water and Drainage tax on Buildings and Lands	4,38,045 0 0	214 0 0	214 0 0	4,35,831 0 0	4,35,831 0 0	1518 1 5	95 38	3,951 11 2	30 15 9	16,252 9 3	3 71	0 91	0 82	16,252 9 3	3 71		
5 Water and Drainage tax on Lands	8,285 10 8	214 0 0	214 0 0	8,071 10 8	8,071 10 8	4 4 0	95 38	3,951 11 2	30 15 9	16,252 9 3	3 71	0 91	0 82	109 5 0	3 71		
6 Lighting tax on Buildings and Lands	84,096 15 1	93 7 9	93 7 9	84,002 7 2	84,002 7 2	292 6 6	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	3,136 8 0	3 71		
7 Lighting tax on Lands	62 10 0	0 0 0	0 0 0	62 10 0	62 10 0	1 2 10	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	20 0 9	3 71		
8 Tax on Vehicles with springs	5,434 1 7	54 4 2	54 4 2	5,379 7 5	5,379 7 5	493 0 0	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	971 14 5	1 74		
9 Tax on Animals	38,700 4 3	38 7 0	38 7 0	38,661 7 3	38,661 7 3	537 12 0	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	785 1 0	1 93		
10 Tax on Carts and other Vehicles without springs	581 0 0	5 5 1	5 5 1	575 4 5	575 4 5	729 0 0	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	12 0 0	0 04		
11 Tolls on Vehicles and Animals entering Municipal limits	42,300 0 0	42 3 0	42 3 0	42,257 7 0	42,257 7 0	94 48	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	2,357 13 9	6 57		
12 Payment for occupation of Municipal Lands	2,972 9 1	7 9 2	7 9 2	2,964 11 1	2,964 11 1	95 87	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	439 7 0	7 52		
13 Rent of Lands	2,004 11 1	0 0 0	0 0 0	2,004 11 1	2,004 11 1	95 87	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	1,036 9 7	4 13		
14 Payment for water for non-domestic purposes.	1,21,898 6 14	0 0 0	0 0 0	1,21,898 6 14	1,21,898 6 14	92 77	95 38	7,07 12 8	5 13 6	3,136 8 0	3 71	0 91	0 82	8,313 12 10	7 23		
Total.	16,64,171 5 9	2,520 6 10	2,520 6 10	14,12,150 11 11	14,12,150 11 11	3,941 3 11	95 65	10,275 9 1	116 7 5	61,598 8 5	3 69	0 95	0 85	61,598 8 5	3 69		

STATEMENT IV-B.-Demand, Collection and Balance Statement of Taxes, &c., for the year 1908-1909 (Arrear).

Description of Taxes, &c.	Arrears of previous years.		Balance of last year. (Column 2 & 3).	Total arrears Demand (Column 2 & 3).	Remission on objection.		Net Demand. (Column 4 minus Column 5).	Collection.		Remission.		Balance.		Years to which the Balance relates.
	Balance of last year.				Percent- age of total of columns 8 & 9 to Net Demand.	Percent- age of total of columns 8 & 9 to Net Demand.		For Vacancy, &c.	Written off.	Balance (column 6 minus columns 7, 8 and 9).	Percent- age of Balance to Net Demand.			
	ES.	A. P.										ES.	A. P.	
1 Tax on Arts, &c.	4,071 5 4	11,145 8 0	15,216 11 4	1,996 10 8	13,220 0 8	9,115 2 3	68 96	...	...	3,333 14 5	25 22	770 0 0	582 1905-06 to 1907-08	
2 Tax on Buildings and Lands.	14,079 7 9	59,674 8 11	74,754 0 8	...	73,753 0 8	3,643 8 4	87 93	2,611 6 7	1,001 14 5	...	488	5,257 3 4	719 1903-04 to 1907-08	
3 Tax on Lands	176 3 5	307 9 6	482 12 11	...	482 12 11	400 8 7	...	4 5 3	5 8 4	...	...	72 6 9	...	
4 Water and Drainage tax on Build- ings and lands	7,591 4 0	39,456 0 0	47,047 4 7	...	47,047 4 7	41,696 10 5	88 60	1,568 0 1	499 6 7	...	437	3,286 3 6	Do. do	
5 Water and Drainage tax on Lands.	85 7 7	197 11 4	283 2 11	...	283 2 11	240 2 7	...	213 2	2 8 3	...	...	37 15 11	...	
6 Lighting Tax on Buildings and Lands.	1,820 2 0	7,614 12 6	9,434 14 6	...	9,434 14 6	8,261 4 11	87 53	327 13 9	140 13 4	...	...	704 14 6	Do. do	
7 Lighting Tax on Lands.	22 13 7	38 7 1	61 4 8	...	61 4 8	50 11 9	...	0 8 7	0 11 1	...	...	9 5 3	...	
8 Tax on Vehicles with springs	2,097 3 5	2,794 8 0	4,891 11 5	1,895 0 0	3,496 11 5	1,584 0 0	46 80	...	1,795 11 5	51 35	...	117 0 0	335 1902-03 & 1904-05	
9 Tax on Animals.	1,570 1 2	2,034 1 10	3,604 3 0	750 12 0	2,853 7 0	1,297 14 10	45 49	...	1,443 7 7	50 54	...	112 0 7	392 Do do	
10 Tax on Carts and other Vehicles without springs.	...	30 0 0	30 0 0	...	30 0 0	26 6 1	87 93	...	3 9 11	12 07	...	...	...	
11 Tolls on Vehicles and Animals entering Municipal Limits.	...	...	...	...	...	...	...	...	...	...	...	...	...	
12 Payment for occupation of Munici- pal Lands.	2,758 0 6	959 5 6	3,717 6 0	22 4 0	3,695 2 0	646 13 1	17 51	...	2,935 8 11	81 07	...	52 12 0	142 1907-08	
13 Rent of Lands	706 13 10	2,282 2 7	2,989 0 5	347 3 8	2,641 12 9	2,514 12 9	95 19	...	63 4 2	2 39	...	63 11 10	242 1906-07 & 1907-08	
14 Payment for water for non-domestic purposes.	1,320 10 0	10,469 2 6	11,789 12 5	644 9 1	11,145 3 5	4,10,429 6 2	93 52	...	538 8 1	4 55	...	213 5 1	191 1905-06 to 1907-08	
Total	36,304 7 1	1,13,700 13 8	1,50,003 4 10	5,156 7 5	1,44,846 8 3	1,11,187 5 9	33 84	4,512 16 5	11,794 9 6	9,910,706 14 9	637	...	...	

Statement IV-B 1—outstanding arrears yearwise under the combined property taxes and the collection and adjustments made during the year, as compared with 1907 08

Period.	For 1908-09.										For 1907 08.									
	Opening outstanding balance including subsequent amendments and additions.		Collection.		Remission and writes off.		Outstanding balance on 31-3-09.		Opening outstanding balance including subsequent amendments and additions.		Collection.		Remission and writes off.		Outstanding balance on 31-3-08.		Collection.		Remission and writes off.	
	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.
For 1901-02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" 1902-03	1,134	15	9	...	322	14	5	...	1,258	2	4	455	14	9	207	3	10	1,194	15	5
" 1903-04	1,584	11	1	1,038	15	6	228	6	2,370	3	7	636	12	4	207	13	7	1,526	9	8
" 1904-05	2,805	3	0	1,584	2	8	325	8	3,814	4	2	1,121	2	8	87	14	9	2,645	3	0
" 1905-06	4,108	11	11	2,896	3	7	528	14	7,347	4	5	3,536	9	8	108	15	5	4,153	11	4
" 1906-07	14,265	17	1	10,322	3	11	1,314	7	70,892	11	8	54,889	12	5	2,864	6	1	13,388	9	2
" 1907-08	1,07,269	1	6	99,368	3	7	5,573	5	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,31,068	8	5	1,15,521	14	7	6,163	8	84,150	7	9	60,839	11	0	4,442	11	10	22,868	0	11

APPENDIX I.

STATEMENT IV-F—GRADATION LIST.—The following is a gradation of the Combined Rates levied on Buildings and Lands.

Gradation of Annual Taxes.	Number of Buildings.	Amount of House, Water and Drainage and Lighting Taxes thereon.		Number of Lands.	Amount of House, Water and Drainage and Lighting Taxes thereon.		Number of Buildings and Lands.	Total.								
		Rs.	A. P.		Rs.	A. P.		Rs.	A. P.							
Under 8 annas	...	...	...	...	18	1	6	47	20	10	10	85	38	12	4	
8 Annas and under 1½ Re.	...	...	...	...	164	207	14	4	131	140	2	1	295	348	0	5
1½ Re. and under Rs. 5	...	...	...	...	7,922	23,332	14	9	236	678	1	2	8,160	24,005	15	11
5 Rupees and under Rs. 15	...	...	...	...	16,777	1,52,254	8	0	120	976	12	0	16,897	1,53,231	4	0
15 Rupees and under Rs. 30	...	...	...	...	9,763	2,07,247	0	0	20	399	15	2	9,783	2,07,646	15	2
30 Rupees and upwards	...	...	...	...	7,812	8,14,874	12	3	11	6,683	7	11	7,823	8,21,558	4	2
Total...	42,476	11,97,935	2	10	567	8,894	1	2	43,043	12,06,829	4	0				

APPENDIX I.

Articles of Schedule VI.	Half-yearly rate of tax.	1st Division.		2nd Division.		Mon.	3rd Division.		5th Division.		6th Division.		7th Division.		8th Division.		9th Division.		10th Division.		11th Division.		12th Division.		13th Division.		
		No.	Amount.	No.	Amount.		No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
		Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.
VEHICLES.																											
I (a) Four-wheeled vehicle with springs drawn by 2 or more horses	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Four-wheeled vehicle with springs propelled by electricity, gas, steam or any other mechanical power	15	2	30	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
III Four-wheeled vehicle with springs drawn by a horse, mule, bull or bullock or by two or more horses under 12 hands, or by two or more mules, bulis or bullocks	7½	70	525	0	61	457	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
III Two-wheeled vehicle with springs drawn by one or more horses, mules, bulis or bullocks	4½	55	243	0	145	643	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IV Bicycle or tricycle propelled by electricity, gas or steam	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
V Every other bicycle or tricycle	2	128	256	0	32	64	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
VI Every other vehicle with springs:																											
(a) Perambulator	8	7	21	0	4	12	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Rickshaw	8	59	177	0	34	102	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Hand cart with springs	8	4	12	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	356	1,378	0	282	1,394	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ANIMALS.																											
VII Horse over 13 hands	7½	78	585	0	73	540	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
VIII Horse of or under 13 hands or mule	3½	21	78	12	60	228	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IX Horse of or under 11 hands	1½	20	30	0	53	78	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
X Bullock or Bull	1	108	78	8	1123	841	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
XI Male Buffalo	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
XII Ass	1	4	1	8	2	0	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
XIII Dog	1	309	156	12	101	75	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	431	928	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Composed of 14,821 half-yearly items against 13,403 half-yearly items in 1907-08.																											
Grand total.	...	760	3,201	8	1091	3,100	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

APPENDIX I.

[illegible]

APPENDIX I.

Dr. *General Fund*—[Vide G.O., No. 244, dated 18th February 1892.]

	RS.	A.	P.		RS.	A.	P.
To Grant I.—Public Works	4,70,748	12	7	By Opening Balance	7,58,910	13	4
" " II.—Education	49,282	8	9	" Municipal Rates and Taxes	10,27,066	3	0
" " III.—Sanitation and Medical Services	4,18,072	8	0	" Revenue derived from Municipal property and powers apart from Taxation	4,36,307	1	0
" " IV.—Miscellaneous Municipal purposes	1,19,268	3	2	" Grants and Contributions Miscellaneous	76,100	0	0
" " V.—Supervision and Management	77,350	8	7	" Extraordinary and Debt Advances Recovered	15,179	0	0
" Repayment of Debt	14,350	0	0		17,676	1	0
" Interest on Loan	27,710	0	0				
" Advances recoverable	62,926	8	9				
" Refund of other than Current Collections	17,160	12	2				
" Discount on Loan							
" Pensions and Gratuities	22,689	2	8				
" Transfer to Water and Drainage Fund Revenue account	1,22,849	1	3				
" Closing Balance Revenue account.	8,37,085	8	1				
Do Loan account	61,747	4	8				
Total...	23,31,240	10	6	Total...	23,31,240	1	0

Dr. *Water and Drainage Fund—[Fide G.O., No. 241, dated 18th February 1882.]*

To	Grant I.—Public Works—	Rs.	A. P.		Rs.
	New Works—				
	Buildings	1,150	9	By Opening Balance	6,56,367
	Drainage	51,665	11	Municipal Rates and Taxes—	
	Water-supply	66,591	3	Water Tax on Build-	
	Repairs—			ings and Lands—	
	Buildings	1,499	3		
	Drainage — Repairs to			Arrear 41,700 0 10	
	Works, &c.	2,23,615	11	Refund 94 6 3	
	Establishment	33,762	7	— — — — — 41,695 10 5	
	Overtime	214	2	Current 4,17,810 14 3	
	Allowances	2,231	0	Refund 798 10 11	
				— — — — — 4,17,012 3 4	4,58,707
	Water-supply—Repairs to			Water Tax	
	Works, &c.	47,491	5	on Lands—	
	Establishment	4,069	12	Arrear	240 2 7
	Establishment—General	78,320	4	Current	3,134 11 11
	Miscellaneous—W.W. Contingent	594	1		3,374
"	Grant IV.—Municipal purposes—			Grants and Contributions—	
	Other Charges—			From Government—	
	Payment for Red Hills Water	20,481	0	Improvement of Water-supply	
	Contribution to Provincial			and Drainage	...
	Funds	6,000	0	Miscellaneous—	
	Stores	1,166	7	Payment for Water for non-	1,23,513
	Workshops	1,093	10	domestic purposes	2,634
"	Grant V.—Supervision and Management			Sundry Receipts—Water-works.	
	Repayment of Debt—	31,850	3	Refund from Expenditure of	
	Sinking Fund	83,759	13	previous years	...
	Interest	2,56,372	12	Extraordinary and Debt—	
	Advances recoverable	100	0	Loan from Government	4,00,000
"	Refund of other than Current			Interest on Sinking Fund—	
	Collections	1,472	7	Water-works Loan of 1869-73...	39,138
"	Closing Balance Loan accounts	8,94,919	2	Transfer from General Fund	
				Revenue account	1,22,849
	Total...	18,06,550	15		Total... 18,06,580

	RS.	A.	P.		RS.	A.	P.	RS.	A.	P.
To Grant I.				By Opening Balance				18,606	10	4
Establishment—General	1,287	4	11	„ Municipal Rates and Taxes—						
„ Grant IV.				Lighting Tax on						
Lighting—Establishment	1,994	0	1	Buildings and Lands—						
Labor	936	8	10	Arrear ...	8,279	5	11			
Maintenance	69,334	13	11	Refund ...	18	1	0			
Additional Lamps and Sundries	323	0	6	Current...	80,576	9	10	8,281	4	11
Repairs to Lamps and Posts	6,343	7	9	Refund ...	153	9	7			
Other charges—								80,423	0	3
Stores	166	12	6	Lighting Tax on Lands—						
Workshops	156	3	10	Arrear ...	50	11	9	88,684	5	1
„ Grant V.				Current	609	3	9			
Salaries of Officers	1,351	9	9					659	15	4
Head Office	495	8	10	Miscellaneous—						
Assessment and Collection	2,792	13	8	Refund from expenditure of previous years						
„ Refund of other than Current Collections	250	9	1							
„ Closing Balance	20,648	1	0							
Total...	1,05,950	14	8	Total...	1,05,950	14	8			

Revenue and Capital Accounts for 1908-09 as compared with the Revised Estimate for 1908-09.

	REVENUE ACCOUNT.		CAPITAL ACCOUNT.		TOTAL.	
	Actuals, 1908-09.	Revised Estimate, 1908-09.	Actuals, 1908-09.	Revised Estimate, 1908-09.	Actuals, 1908-09.	Revised Estimate, 1908-09.
Receipts—						
Opening Balance	6,99,087	6,99,090	7,32,798	7,32,800	14,31,885	14,31,890
Municipal Rates and Taxes	15,78,493	15,49,890	...	...	15,78,493	15,49,890
Revenue derived from Municipal property and powers apart from Taxation	4,36,308	4,16,940	...	...	4,36,308	4,16,940
Grants and Contributions	76,100	76,400	...	...	76,100	76,400
Miscellaneous	1,41,328	1,22,450	...	...	1,41,328	1,22,450
Extraordinary and Debt	39,133	39,200	4,00,000	4,00,000	4,39,133	4,39,200
Advances Recovered	17,676	18,000	...	...	17,676	18,000
Total...	29,88,125	29,31,970	11,32,798	11,32,800	41,20,923	40,54,770
Charges—						
Grant I. Public Works	8,05,289	9,83,890	1,76,032	4,60,850	9,81,321	14,44,240
II. Education	49,283	55,590	...	...	49,283	55,590
III. Sanitation and Medical Services	4,48,072	4,93,540	...	...	4,48,072	4,93,540
IV. Miscellaneous Municipal Purposes	2,27,264	2,42,180	...	...	2,27,264	2,42,180
V. Supervision and Management	1,13,751	1,14,310	...	...	1,13,751	1,14,310
Repayment of Debt	98,150	98,150	...	...	98,150	98,150
Interest on Loans	2,84,083	3,01,590	...	...	2,84,083	3,01,590
Advances Recoverable	61,976	1,400	100	100	63,076	1,500
Refund of other than Current Collections	18,884	20,000	...	...	18,884	20,000
Discount	...	...	...	...	...	...
Pensions and Gratifications	22,639	22,790	...	...	22,639	22,790
Closing Balance	2,27,734	5,86,030	9,56,666	9,71,950	18,14,400	12,57,680
Total...	29,88,125	29,21,970	11,32,798	11,32,800	41,20,923	40,54,770

FORM I.
Statement showing the constitution of the Corporation of Madras during the year ending 31st March 1909.

1	2	3	4	5	6							7
Name of District.	Serial No. of Municipality.	Name of Municipality.	Area in order with census.	Population within Municipal limits.	Number of Members of Commission.							Remarks.
					(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Madras	1	Corporation of Madras.	III of 1904 and IV of 1907.	509,346	1	16	20	27	14	28		

TABLE No. 1.
Expenditure under Capital Account during 1908-09.

Particulars.	Amount.		Total	
	Rs.	A. P.	Rs.	A. P.
New Drainage Works (Special) ...	71,371	4 4		
Drainage Establishment ...	27,494	2 6		
" Famine Allowance ...	125	2 8		
" Agent's Charges ...	301	12 3		
" Miscellaneous ...	7,109	1 10		
Sewer No. II. ...	568	1 9		
Madras New Water Supply (Special) ...	53,328	15 0		
" Establishment ...	29,378	13 8		
" Famine Allowance ...	127	8 3		
" Agent's Charges ...	4,954	14 7		
" Miscellaneous ...	6,817	8 1		
Imprest ...	100	0 0		
Total Expenditure ..			2,01,177	4 9
Realization by Sales of Stores ...			Cr. 39,729	2 9
Net Expenditure...			1,61,448	2 0
New Works Buildings ...			14,683	9 7
Grand Total...			1,76,131	11 7

SPECIAL WORKS DEPARTMENT, DRAINAGE SECTION.

TABLE No. 2.

Statement showing details of work done from 1st April 1908 to 31st March 1909.

Manholes raised to road level and covers fixed—

24" Cast Iron manhole cover ...	...	...	...
18" do. A pattern ...	...	...	...
18" do. Foot-path ...	...	...	...
Total...			

Lengths of Pipes laid—

4" Stoneware Pipes for house connections ...	...	...	5
4" Cast Iron do. do. ...	...	...	...
6" Stoneware do. for sewers ...	...	...	3
6" Cast Iron do. do. ...	...	...	...
9" Stoneware do. do. ...	...	...	2
12" Do. do. do. ...	...	...	1
16" Cast Iron do. for pumping main ...	...	...	2
18" Stoneware Do. for Connecting Sewers ...	...	...	...
Total...			1

Houses connected to sewers ...

Manholes constructed ...

APPENDIX II.

SPECIAL WORKS DEPARTMENT, WATER WORKS SECTION.

TABLE No. 3.

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

Contract No.	Particulars of Contract.	Amount of Estimate.		Name of Accepted Tenderers.	Amount of tender.		Amount Certified up to 31st March '09.		Amount of Security lodged.		Date of order to Commence.		Date of Completion.	
		Rs.	A. P.		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	M. D.	Y.	M. D.	Y.
1	Construction of 2 blocks of Drivers quarters with subsidiary works at Kilpauk	9,500	0 0	M. Bashiam Naidu	7,968	6 3	5,171	0 0	500	0 0	25 2	08	21 9	08
2	Construction of about 11,838 lineal feet of conduit and accessory works	1,20,983	2 0	V. Devasthnamani Pillay	1,24,190	15 2	...	...	2,500	0 0	21 10	08		
3	Do. 12,278 lineal feet of conduit and accessory works	1,32,002	12 0	A. Chockalinga Naick	1,30,807	9 0	...	...	2,500	0 0	21 10	08		
4	Construction of a Settling Basin and 13,177 lineal feet of conduit and accessory works	2,70,236	0 0	A. Subramania Iyer	2,84,811	13 2	...	...	5,000	0 0	22 1	09		
M.M. No. 1	Supply of Steel Pipes and accessories...	1,73,600	0 0	Messrs. Thomas Piggott & Co.	80,745	0 0	15,055	0 0	7,500	0 0	23 10	08		
"	Supply of English Portland Cement	98,000	0 0	The South Indian Export Co., Ltd. Agents of Messrs. Wm. Lee Son & Co., London	87,750	0 0	...	...	4,000	0 0	4 2	08		
	Landing, Clearing, Carting, &c., of Steel Pipes	...	...	A. Chockalinga Naick	1,962	10 1	466	0 0	250	0 0	26 1	09		
	Iron work for conduit	3,126	0 0	Messrs. Ham Baker & Co.	2,632	14 0	...	...	...	...	17 6	08		
	Cement Shed	1,500	0 0	Messrs. Massey & Co. A. Subramania Iyer.	310	0 0	310	0 0	...	...	4 8	08	11 1	09
	Stores Shed	1,500	0 0	Messrs. Massey & Co. M. Bashiam Naidu.	1,079	2 0	350	0 0	...	...	5 1	09		
	Total	3,07,408	14 0		7,20,034	5 3	21,354	0 0	32,300	0 0				

APPENDIX II.

TABLE No. 4.

Table showing sizes and lengths of water pipes laid during the year 1908-09.

Division.	Number of Pouch-tains Erected.	12"	4"	3"	2 1/2"	2"	1 1/2"	1 1/4"	1 1/8"	1"	REMARKS.
		ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	
1	...	...	...	...	...	...	...	...	...	...	
2	1	...	...	...	18	...	...	...	210	...	
3	...	...	9	9	...	520	...	...	...	...	
4	...	...	...	...	...	...	...	...	...	...	
5	1	...	...	...	...	...	...	...	...	100	
6	...	...	...	...	...	...	...	...	...	...	
7	...	...	...	442	...	108	...	...	...	...	
8	...	...	...	...	...	...	...	...	...	...	
9	...	...	...	...	...	...	...	...	...	...	
10	1	...	...	...	348	324	...	...	406	155	
11	2	...	...	240	...	...	...	...	...	448	
12	1	...	...	170	...	450	...	...	277 1/2	...	
13	1	...	...	...	...	...	...	...	...	...	
14	...	22	...	...	...	...	...	...	...	...	
15	...	...	99	...	...	...	12	36 1/2	301	...	
16	...	...	...	...	...	...	...	...	...	...	
17	...	...	...	...	...	...	...	...	...	...	
18	...	...	...	600	...	125	...	...	...	...	
19	1	...	...	...	...	...	...	200	32	18	
20	...	...	...	...	...	...	...	...	...	...	
Total...	9	22	108	1,461	366	1,537	12	236 1/2	1,226 1/2	721	5,690 or 1,896 1/2 yds.

TABLE No. 5.

Statement of expenditure for opening congested areas up to 27th April 1909.

No.	Name of the place.	Amount of compensation paid.		Cost of improvement including gravelling, &c.		Cost of Demarcation stones.		Establishment Charges.		Total.		Amount realised by the sale of old materials.	Date of Compensation paid.	No. of huts or houses removed.
		Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.		
1	Vasapmoda Paracherry.	1,650	4	339	5	...	...	...	...	1,789	9	168	6 08	82
2	Lalagunta Huttling ground	1,037	13	738	3	...	...	...	...	1,773	15	...	6 08	...
3	Model Paracherry	...	...	1,465	13	...	...	...	...	1,465	13	...	6 08	...
4	Kallman Paracherry	1,398	0	58	8	...	...	...	...	1,453	8	...	6 08	...
5	Muthukumaraswamy Chetty Huttling ground	219	5	18	4	...	...	...	...	237	12	...	6 08	...
6	Sydenham's Road Huttling ground	171	8	25	8	...	...	...	...	2-0	0	...	6 08	...
7	Rajappah Nair's Paracherry	273	0	7	2	...	...	...	...	280	2	...	6 08	...
8	Malligapu Paracherry	57	0	6	12	...	...	...	...	63	12	...	6 08	...
9	Cochrane Basin Road Huttling ground	350	0	34	3	...	...	...	...	384	3	...	6 08	...
10	Habibulla Saib Lane	250	0	4	2	...	...	...	...	254	2	...	6 08	...
11	Chetty's Garden Paracherry	757	0	10	0	...	...	...	...	767	0	...	6 08	...
12	Pilliar Covil Street	1,765	0	9	1	...	...	...	...	1,774	1	...	6 08	...
13	Ellamman Covil Paracherry	401	8	31	2	...	...	...	...	432	10	...	6 08	...
14	Veeraragava Mudaly Street	2,430	15	...	...	...	...	...	...	2,430	15	...	6 08	...
15	Sivaramuthia Mudaly Street	116	0	...	...	...	...	...	...	124	0	...	6 08	...
16	Gudiseti Paracherry	15	0	...	...	...	...	...	...	15	0	...	6 08	...
17	Anakarakonan Street	4,500	0	178	0	...	...	...	...	4,678	0	...	6 08	...
18	Isaac Street	1,257	8	161	0	...	...	...	...	1,418	8	...	6 08	...
19	Perumal Covil Garden	649	12	...	...	...	...	...	...	649	12	...	6 08	...
20	Vasapmodu Paracherry	18,141	13	...	...	...	...	...	...	18,141	13	...	6 08	...
		25,241	8	3,093	1	...	...	...	...	40,765	13	...	6 08	...

Note.—Amount spent up to 27th March, 1909 was Rs 27,049-13-5.

APPENDIX II.

TABLE No. 6.

Reforming roads during 1908-09.

	GRANITE.				LATERITE.			
	Squares.	Miles.	Fur.	Yds.	Squares.	Miles.	Fur.	Yds.
4" thick	18,230½	12	4	189	3,756½	2	5	131
3" do	12,686½	5	2	33	3,081½	2	3	130
2" do	...	...	...	...	...	...	...	...
Total ...	30,916½	17	7	2	6,838½	5	1	41

TABLE No. 7.

Repairing roads thoroughly 2", 3" and 4" thick during 1908-09.

	GRANITE.				LATERITE.			
	Squares.	Miles.	Fur.	Yds.	Squares.	Miles.	Fur.	Yds.
4" thick	728	...	6	212	326	...	2	211
3" do	1,261	...	7	191	535½	...	5	41
2" do	84½	...	1	78	132	...	1	146
Total ...	2,073½	2	0	41	993½	1	1	178

TABLE 8.—List of roads and streets reformed during 1908-09.

No.	Division	Names of roads.	From	To	Length.
1	2nd	Kappal Poth Chetty Street	North Range.	Bala Arunachella Chetty Street	Feet.
2	2nd	Bala Arunachella Chetty Street	Bala Magali Street	Streeragummal Street	1,345
3	2nd	Monager Choultry Road	Goliavar Agreham Road	Jandra Pillayar Coril Street	730
4	2nd	Do	Cemetery Road	Cemetery Road	1,904
5	3rd	Thiruvakoor High Road	Town Wall	Krishnier Well	1,650
6	3rd	Do	Railway Crossing	Appasawmi Pillay Lane	2,360
7	3rd	Arumuga Mudaly Street	Krishnier Well	Basuvien Street	2,100
8	3rd	Thiruvakoor High Road	Elia Mudaly Street	Kumbalamman Coril Street	780
9	3rd	Kathiwakam High Road	Appasawmi Pillay Lane	Railway Crossing	2,500
10	3rd	Manally Road	Thiruvotiyur High Road	Kathiwakam High Road	1,675
11	3rd	Do	Bridge	Corporation limit	1,452
12	3rd	Old Emcor Road	Do	Night Soil Depot	1,700
13	4th	Thambu Chetty Street	Manally Bridge	Ekramjee Sahib Street	1,540
14	4th	Ekramjee Sahib Street	Manally Street	North Beach Road	2,310
15	5th	Popham's Broadway	Thambu Chetty Street	Saint Xavier Street	1,478
16	5th	Acharappan Street	Kribala Chetty Street	Ammon Coril Street	8,150
17	5th	Anna Pillay Street	Anna Pillay Street	Varada Mathiappen Street	1,862
18	5th	Thambu Chetty Street	Acharappan Street	China Bazaar Road	285
19	5th	Muthumary Chetty Street	Manally Street	Odakal Street	2,000
20	6th	Anna Pillay Street	Do	Acharappan Street	800
* 21	6th	Audiappa Naick Street	Popham's Broadway	Varada Mathiappen Street	900
			Acharappan Street		800

TABLE 8.—List of roads and streets reformed during 1908-09.

No.	Division	Names of roads.	From	To	Length.
22	6th	China Bazaar Road	North Range - (contd.)	Jamalar Tanah	Feet.
23	6th	General Hospital Road	Popham's Broadway	Medical College	1,230
24	7th	Basin Bridge Road	Benifield Road	Popham's Broadway	1,400
25	8th	Thieving Bazaar Road	Basin Bridge	Evening Bazaar Road	5,120
26	8th	Evening Bazaar Road	Frazer Bridge Road	General Hospital Road	440
27	10th	Erukaicherry Road	Thieving Bazaar Road	'A distance of 2,500 feet towards south'	1,390
28	10th	DeMellow's Road	Old Toll Gate	General Bazaar Road	5,415
29	10th	Perambur High Road	Elephant Gate Road	Toll Gate	4,800
			Railway Crossing		1,750
1	11th	Veda Venayagar Road	South Range.	Purassawstam High Road	52,554
2	12th	W. side of N. end of Sydenham's Road	Perambur Barracks Road	Chulay Bazaar Road	1,200
3	12th	Poonamallee High Road	Water Fountain	Flower's Road	650
4	13th	Road in front of Egmore Railway Station in Male Asylum Road	Police Commissioner's Office Road		1,700
5	13th	Male Asylum Road	Police Commissioner's Office Road		670
6	13th	New Ritherdon Road	Do.	Kennet's Lane	1,760
7	13th	Casa Major's Road	Poonamallee High Road	Railway Crossing	770
8	13th	Junction of Pantheon Road, Harris Road, Police Commissioner's Office Road and Marshalls Road	Pantheon Road	Gengul Reddy Road	1,800
9	13th	North-Eastern end of Male Asylum Road			140
10	14th	Pantheon Road	Monteth Road	Police Commissioner's Office Road	270
11	14th	Chinna Kilpant Street	Madavatham Tank Street	Limit	1,920
					2,250

TABLE 8.--List of roads and streets reformed during 1908-09--(continued).

No.	Division.	Names of roads.	From	To	Length.
13	14th	Pennsylvania High Road	Barnaby's Road	McNichols's Road	Feet. 2,000
13	15th	Kodambakam Road	Latrine	Toll Gate	1,000
14	16th	Do	Nungambakam High Road	Latrine	2,050
14	15th	Haddow's Road	Do	College Road	2,475
16	15th	Nungambakam High Road	Haddow's Road	Justice J. P. Wallis Gate	400
17	15th	Mount Road	General Patter's Road	English Warehouse	1,000
18	15th	Do	English Warehouse	Wood's Road	800
19	15th	Do	Pattalows' Road	Do	640
20	15th	Do	White's Road	Pattalows' Road	2,744
21	16th	Cecum River side Road	St. Andrew's Bridge	Col. Law's Bridge	2,150
22	16th	Do	Col. Law's Bridge	Arunachella Nalok Road	2,430
23	16th	Nineaspe Nalok Street	Arunachella Nalok Road	Ganavappa Chetty Street	800
24	16th	Cecum River side Road	St. Andrew's Bridge	Dhan's Road	2,100
25	17th	Mount Road	Blackey's Road	Cemeterian Club	900
26	17th	Do	General Patter's Road	Do	800
27	17th	Blackey's Road	Mount Road	Harris Bridge	680
28	18th	Tholasinga Perumal Civil Street	Ice House Road	Scott's Made Street	550
29	19th	Mount Road	Blackey's Garden	Edham's Road	80)
30	19th	Edham's Road	Mowbray's Road	Mount Road	2,520
31	19th	Rayapetiah High Road	Edward Elliot's Road	Brodie's Road	2,850
32	19th	Do	Do	Rayapetiah Bazaar Road	2,180

TABLE 8.--List of roads and streets reformed during 1908-09--(continued).

No.	Division.	Names of roads.	From	To	Length.
33	19th	South Beach Road	Edward Elliot's Road	Carneswater Cotti Road	Feet. 2,100
34	19th	Do	Do	Ice House Road	2,450
35	20th	Mount Road	Edham's Road	Cenotoph Road	1,750
36	20th	Greenway's Road	St. Thome High Road	Adyar Bridge Road	2,130
37	20th	Mowbray's Road	Chamier's Road	Edham's Road	4,100
38	20th	Chamier's Road	Mowbray's Road	Cenotoph Lane	750
39	20th	Mount Road	Cenotoph Road	Limit	1,700
40	20th	St. Thome High Road	Quibble Island Cemetery	Greenway's Road	2,000
41	20th	Do	Rifle Range	Quibble Island Cemetery	1,850
					60,209

TABLE 8.—List of roads and streets repaired (with granite or laterite) during 1908-09

No.	Division.	Names of roads.	From	To	Length.
1	2nd	Main Road in Robinson Park	North Range.		Ft.
2	3rd	Down the Railway Bridge in Cochrane Basin Road	Monegar Choultry Road	Cemetery Road	1,105
3	3rd	Kemanzhoocham Street	...	...	200
4	4th	Siva Mathia Mudaly Street	Mint Subroyalu Naidu Street	Arani Gangan Street	850
5	6th	Fraser Bridge Road	Light House Road	Sahai Venoyagar Civil Street	640
6	6th	Do	Popham's Esplanade	Popham's Esplanade	1,610
7	7th	Portuguese Church Street	Old Jail Street	Moore Road	380
8	8th	Cope Venketachella Iyer Street	Govindappa Naick Street	Armenia Civil Street	2,410
9	8th	Muniappan Street	Narayana Mudaly Street	Narayana Mudaly Street	550
10	9th	Hachney Cart-stand West side of Adam's Park	...	...	345
11	10th	Gaydz Road	Railway Crossing	...	100
			South Range.	...	390
1	12th	Richerton Road	Purasawakam High Road	Poonamallee High Road	8,010
2	13th	Veerabudra Achari Street	South Cocum Road	Narayana Naicken Street	2,660
3	16th	Pumping Station Road	Arnachella Naick Road	Overseer's Stores	1,325
4	17th	Road over the Govt. House Bridge	...	...	1,100
5	18th	Tallary Street	Pycroft's Road	Perumal Mudaly Street	495
6	19th	Nallathambi Mudaly Street	Singra Chari Street	Pycroft's Road	400
7	20th	Chitrakolam Brahmin Street	Kesava Paramal westward Street	Solayappa Mudaly Street and a branch road	800
8	20th	Cenetoph Lane	Cenetoph Road	Chamier's Road	810
					880
					8,560

TABLE 9.—List of streets repaired (with gravel) during 1908-09.

Division.	Names of roads.	From	To	Length.
1st	Hussain Maistry Street	North Range.		Ft.
1st	Duria Sahib Street	Kalmandabam Road	Flag Staff Street	240
1st	Shah Maistry Street	Do	The end of the Street	400
2nd	Andiappa Mudaly Street	Do	Flag Staff Street	1,825
2nd	Thubana Gramany Street	Rama Naick Street	Monegar Choultry Road	650
2nd	Kurean Street	Tiruvathoor High Road	West Cemetery Road	280
2nd	Yemy Street	Do	Do	350
2nd	Kalagaraya Mudaly Street	Narayanappa Naick Street	Ramanjer Street	1,360
2nd	1st Street in Model Paracherry	Cemetery Road	Narayanappa Naick Street	650
2nd	2nd Street in Model Paracherry	Do	The end of the Street	375
2nd	3rd Street in Model Paracherry	Do	Do	375
2nd	Lalagunta 1st Lane	Do	Do	400
2nd	Lalagunta 2nd do	Beginning	End	150
2nd	Lalagunta 3rd do	Do	Do	230
2nd	Lalagunta 4th do	Do	Do	208
2nd	Lalagunta 5th do	Do	Do	100
2nd	Lalagunta Cross Street	Tank	Do	122
3rd	Muthia Maistry Street	House No. 5	5th Lane	590
4th	Malligawar Civil Street	Thambu Chetty Street	Varadappa Maistry Street	300
4th	Venkataraman Street	Coral Merchant Street	Linghi Chetty Street	200
6th	Foot-path in Penfield Road	Railway Crossing	Siva Muthia Mudaly Street	522
			General Hospital Road	1,150

TABLE 8.—List of streets repaired (with gravel) during 1908-09—(continued).

No.	Division	Names of roads.	From	To	Length.
22	13th	Great Road	North Range—(contd.).	Railway Wicket Gate	Pt.
23	13th	Foot-path in Popham's Esplanade	Benifield Road Foot-path	S. I. R. Level Crossing	410
24	13th	Cross-path	Law College	Fraser Bridge Road	1,100
25	13th	Ramanjalar Street	Benifield Road	Audiappa Naik Street	1,050
26	13th	Vinayaga Mudaly Street	Do	Do	280
27	13th	Murugappa Street	China Bazaar Road	Ramanna Street	270
28	13th	Vinayaga Mudaly Street	Anna Pillay Street	Mulla Sahib Street	470
29	13th	Pala Naik Street	Pullanthope Road	End of the Street	570
30	13th	Yacob Sahib Garden Street	Strahan's Road	Do	390
31	13th	Kort Venkateswamy Street	Pullanthope Road	Do	430
32	13th	New sheep Slaughtering-house Road	Ganiz Road	De Cavier Road	1,000
1	11th	Tirumalayappa Mudaly Street	South Range.		391
2	14th	Chinna Kilpauk Street	Vedavenoyagar Road	Vakkaran Street	16,378
3	14th	Appaswamy Mudaly Street in Chestnut	Madavakiam Tank Street	Limit	625
4	15th	Aziz Mulk Paracherry 2nd Street	Graem's Road	The End	2,250
5	15th	Do 1st do	Do	Do	900
6	15th	Do 3rd Lane	Mount Road	Othavaday Street	870
7	15th	Do 2nd do	Do	Do	1,000
8	15th	Do Othavaday Street	Graem's Road	Do	630
9	15th	A Lane in Aziz Mulk Paracherry	Male latrine	The end	550
				Do	885
				Do	300

TABLE 8.—List of streets repaired (with gravel) during 1908-09—(continued).

No.	Division	Names of roads.	From	To	Length.
10	15th	Aziz Mulk Paracherry 7th lane	Mount Road	Aziz Mulk Paracherry 1st Street	Pt.
11	15th	Do 6th do	Do	Do	200
12	15th	Do 5th do	Do	Do	130
13	15th	Do 4th do	Male latrine	The end	197
14	15th	Do 1st do	Mount Road	Aziz Mulk Paracherry 1st Street	834
15	15th	Pudu Street	Village Road	The end	120
16	15th	Abba Naicken Street	Do	Do	250
17	15th	Ramaswamy Maistry Street	Woods Road	Jesson's Street	280
18	15th	Bootha Perumal Naicken Street	Mount Road	Latrine	320
19	15th	Jesson's Street	Kurubanally Sahib Street	Ramaswamy Maistry Street	290
20	15th	Kurubanally Sahib Street	Wood's Road	Jesson's Street	370
21	15th	Jesson's Street	Do	Jesson's Street	400
22	15th	Krishnaappa Chetty Street	Do	Lamp Post No. 4064	230
23	16th	Devaraja Serang Lane	Do	Jesson's Street	220
24	16th	Sadasiva Pillay Street	Ninnappa Naik Street	The end	290
25	16th	Nagarnany Mudaly Lane	Do	Do	290
26	16th	Vedagiri Maistry Street	Coorum Road	Kaleva Chetty Street	1020
27	16th	Mahomed Hussain Street	Walter's Road	Sankuwar Agraharam Street	650
28	16th	Karim Moheen Sahib Street	Do	Dam's Road	530
29	16th	Korur Vaidhanatha Mudaly Street	Vedagiri Maistry Street	Balakrishna Pillay Street	430
30	16th	Balakrishna Pillay Street	Mangapathy Naik Street	Cox Street	760

P.
V. 11/1/11
109/1



TABLE 8.—List of Streets repaired (with gravel) during 1908-09—(continued.)

No.	Division.	Names of roads	From	To	Length. Ft.
31	17th	Mosque Street	Belis Road	Veeraranga Mudaly Street	775
32	17th	Chinnathambi Mudaly Street	Water tap	Bangam Naicken Street	500
33	18th	Sawmy Naicken Street	Pycroft's Road	Devaraja Mudaly Street	500
34	18th	Theetharappan Street	Do	Thamappa Chetty Street	360
35	18th	Sawmy Pillay Street	Bandy Venkatesa Naick Street	Singa Perumal Civil Street	500
36	18th	Chengalroya Mudaly Street	Do	Thandavaraya Mudaly Street	780
37	18th	Cundappa Mudaly Street	Ganapathy Mudaly Street	The End	280
38	18th	Eswaradasa Lala Lane	Pycroft's Road	Singaruchary Street	320
39	18th	Oil Monger Street	Do	Thamappa Chetty Street	380
40	18th	Thandavaraya Mudaly Street	Tholasinga Perumal Civil Street	Chengalroya Mudaly Street	600
41	18th	Sundaramorthi Venoyagar Civil Street	Bandy Venkatesa Naicken Street	Do	1,200
42	18th	Arimuthu Achary Street	Sunkur Street	Arimuthu Maistry Street	400
43	18th	Arimuthu Maistry Street	Arimuthu Achary Street	Venketaranga Pillay Street	260
44	18th	Venketachella Chetty Street	Pycroft's Road	Singara chary Street	870
45	18th	Olageppa Chetty Street			420
46	18th	Parthasarathy Siring Street	Nallathambi Mudaly Street	Venketachella Chetty Street	525
47	19th	Muthu Mudaly Street	Boypetah Bazaar Road	Annes Civil Street	800
48	19th	Krishnampet Burial and Burning ground			1,350
49	20th	Kesava Perumal south ward Street	Kesavaperumal Street	Mosque Street	498
50	20th	Kesava Perumal east ward Street	Mantharally Street	Kesava Perumal west ward Street	280
51	20th	New Street	Chitrakolam east ward Street	Mada Church Street	1,005

TABLE 8.—List of Streets repaired (with gravel) during 1908-09—(continued.)

No.	Division.	Names of roads	From	To	Length. Ft.
52	20th	Thatchi Arincachella Mudaly Street	Chitrakolam east ward Street	Mada Church Street	1016
53	20th	Adanja Mudaly Street	Mantharally Street	Sadayappa Mudaly Street	623
54	20th	Mantharally Street	Sadayappa Mudaly Street	Adanja Mudaly Street	1550
55	20th	Mosque Street	Mantharally Street	Thengoor Chelva Venoyagar Civil Street	750
56	20th	Nadu Street	Alpa Mudaly Street	Kesava Perumal east Mada Street	950
57	20th	Solayappa Mudaly Lane	Nattu Muthu Kumarappa Mudaly Street	Solayappa Mudaly Street	180
					38,663

APPENDIX II.

TABLE No. 9.

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 1908 ...	Nil	41.14	These figures are according to the Government P. W. D. datum, which differ from the Municipal datum.
May " ...	0.42	40.04	
June " ...	0.28	38.57	
July " ...	1.69	37.38	
August " ...	3.03	36.57	
September " ...	9.50	37.42	
October " ...	20.41	41.28	
November " ...	12.62	44.23	
December " ...	2.09	44.68	
January 1909 ...	2.50	45.04	
February " ...	Nil	44.62	
March " ...	Nil	43.57	

TABLE No. 10.

Table showing the amount of water used for non-domestic purposes and billed for during the year 1908-09 and the total collections of the year.

Period.		QUANTITY OF WATER USED DURING THE YEAR.	Bills issued during the year.		Amount collected during the year.	
		Gallons.				
			Rs.	A. P.	Rs.	A. P.
March	1908 ...	16,270,666	12,203	1 11		
April	" ...	15,754,666	11,816	2 11		
May	" ...	15,188,000	11,391	2 11		
June	" ...	18,272,000	9,954	4 3		
July	" ...	14,183,333	10,600	6 8		
August	" ...	14,205,383	10,658	10 3		
September	" ...	10,397,833	7,797	18 9		
October	" ...	12,144,000	9,108	1 1		
November	" ...	12,084,000	9,068	4 5		
December	" ...	12,798,666	9,598	9 1		
January	1909 ...	12,532,666	9,436	14 11		
February	" ...	14,385,833	10,789	14 11		
Total...		168,215,996	1,22,412	6 8	*1,28,513	10 2
Total for 1907-08 ...		174,466,666	1,31,099	3 8	1,30,204	14 6

* Includes arrear Collection.

APPENDIX II.

TABLE No. 11.
Table showing the Prosecutions instituted during 1908-09.
Works Department.

Sections.	Charges.	No. of Summons taken.	Convicted.	Acquitted.	Withdrawn.	Party not found.	Undisposed of.	Fines imposed.	
								Rs.	A. P.
198	Unlawful entry on land where conduit runs	51	51	..	..	..	..	80	0 0
215	Unlawful connection of house drain with public drain, &c.	3	3	..	..	..	..	3	0 0
239	For not fencing buildings or lands and pruning of edges and trees	1	1	..	..	..	..	..	..
248	For encroachment or projection	16	4	1	4	2	5	2	0 0
249 (a & b)	For putting up verandahs, temporary pandals, etc., without sanction.	18	5	3	9	1	..	7	0 0
252	For making holes and causing obstruction in street	17	13	..	3	1	..	19	0 0
262	For using inflammable materials for buildings	94	35	10	27	10	12	1.9	0 0
264 to 271, 278, & 424	Constructing or re-constructing buildings without sanction	253	198	2	14	15	24	523	8 0
319	Prohibition against contaminating water-supply	77	77	..	..	..	..	340	0 0
322	Dangerous trades	78	15	..	53	10	..	14	8 0
325	Combustible Deposits	128	39	..	48	20	19	27	6 0
409	Bye-laws	4	1	2	..	..	1	1	0 0
Total..		738	442	18	158	59	61	1,136	6 0

APPENDIX II.

Statement showing the prosecutions instituted during the year 1908-1909 (excluding Vaccination and Vital Statistics branches).

Section.	Charge.	No. of Summonses taken out.	Convicted.	Acquitted.	Withdrawn.	Party not found.	Undisposed of.	Fines imposed.
								Rs. A.
224	For failure to provide latrines in private houses	24	17	1	5	1	...	28 0
252	" unlawful making of hole or placing of obstruction in streets	14	14	...	...	...	...	21 0
259	" failure to repair tanks, etc., dangerous to neighbourhood...	2	1	...	...	...	...	2 0
300	" keeping of filth for more than 24 hours	87	65	...	19	3	...	64 12
302	" failure to repair well, etc.	7	4	...	...	1	...	12 0
303	" stagnant pool ditch, etc.	1	...	...	...	...	...	...
305	" failure to cleanse or secure untenanted buildings, etc.	2	...	...	...	...	...	...
306	" buildings	12	7	...	...	...	...	...
307	" to lime wash buildings	26	21	...	3	...	...	...
308	" to take action with regard to insanitary buildings	180	123	...	32	14	...	144 0
309	" to render fit of vacate buildings unfit for human habitation	15	10	...	4	...	...	76 0
312	" unlawful keeping of swine	42	34	...	4	...	...	18 0
314	" using a place as a livery, hack stable or cattle yard without license	364	211	...	88	44	...	192 8
317	" failure to remove carcasses of animals	8	6	...	...	2	...	17 0
322	" carrying on offensive trade without license	133	50	...	44	3	...	76 0
324	" erecting smoke producing or dangerous machinery without license	1	1	...	...	...	...	...
324	" using a place as bake-house, etc. without license	49	18	...	23	3	...	34 2
334	" slaughtering an animal without license	6	6	...	...	...	...	3 0
349	" breach of market regulations	1	1	...	...	...	...	7 0
350	" carrying on butcher's trade without license	20	11	...	...	4	...	48 8
351	" selling in prohibited places	26	26	...	...	3	...	17 8
352	" burying or burning in a prohibited place	1	...	...	...	...	...	...
426	" scavengers staying away without notice	7	4	...	...	1	...	4 0
By-law 166	" allowing lepers to sit in a market	1	1	...	...	...	...	5 0
172	" exposing of articles of food for sale by the side of a sewer	9	4	...	...	5	...	3 0
179	" failure to properly drain cattle yards	1	1	...	...	...	...	...
208	" failure of diobies to provide separate rooms for soiled clothes	5	3	...	...	2	...	3 8
270&271	" removing earth for sale	1	...	...	...	...	...	...
Total		1,045	689	21	288	85	67	826 14

APPENDIX II.

TABLE No. 13.

Total of license fees recovered and the number of applications received, granted and refused during the year 1908-09.

No. of applications received.	No. of applications refused.	No. of licenses granted.	Purpose.	License fee.		
				Rs.	A.	P.
27		27	Aerated Water and Ice Factories	2,700	0	0
213	2	211	Bake-houses	1,660	0	0
3		3	Blasting powder	150	0	0
4		4	Bones	155	0	0
42	1	41	Brick kilns	420	0	0
1587	81 (includes also undisposed applications.)	1456	Building permits	4,285	0	0
17		17	Breaking or hammering iron and manufacturing vessels or utensils out of iron	170	0	0
19		19	Beating metals or manufacturing vessels, utensils, &c., with sheet metals	88	0	0
1		1	Camphor boiling	5	0	0
21		21	Candles	105	0	0
8		8	Carpet factories	70	0	0
26		26	Cart stands	795	0	0
10		10	Casting metals	100	0	0
459		459	Cattle yards	3,125	0	0
37		37	Charcoal, coal or coke	459	0	0
15		15	Chemicals	355	0	0
52	2	50	Cloths manufacture in indigo or other colors	1,312	0	0
5		5	Cocoanut fibre	25	0	0
13		13	Condiment factories	120	0	0
10		10	Cotton	450	0	0
26		26	Debentures registration	265	0	0
10		10	Dynamite	550	0	0
24		24	Extension of Water-supply connection for other than domestic purposes	120	0	0
2579	86	2498	Carried over...	17,434	0	0

No. of applications received.	No. of applications refused.	No. of licenses granted.	Purpose.	License fee.		
				Rs.	A.	P.
2579	86	2493	Brought forward...	17,434	0	0
2		2	Fat	30	0	0
879	1	878	Firewood	3,015	0	0
8		8	Fireworks	120	0	0
11		11	Fish (Salt)	38	0	0
14		14	Flour	70	0	0
1		1	Flax	5	0	0
6		6	Fulminate of mercury	300	0	0
4		4	Gas	200	0	0
14		14	Gilding and electro-plating	70	0	0
83		83	Grave diggers	88	0	0
5		5	Gunpowder	500	0	0
68	1	67	Hack Stables	481	0	0
5		5	Hair (Souri)	25	0	0
7		7	Horns	350	0	0
1		1	Iron safe manufacturing	25	0	0
1		1	Jute	25	0	0
29		29	Lime	700	0	0
45		45	Markets (Private)	8,475	0	0
1		1	Do opening of	50	0	0
52		52	Matches	766	0	0
11		11	Meat stalls	55	0	0
46		46	Oil Kerosine under Municipal Act	577	8	0
82	1	31	Do Petroleum Act	2,069	0	0
81	1	80	Oil mills and presses	985	0	0
12		12	Oils of sorts	892	8	0
8		8	Oil-boiling	40	0	0
611		611	Paddy-boiling	659	0	0
2834		2834	Pandals, obstruction, scaffolding, &c.	7,247	3	0
1		1	Paper factory	5	0	0
5		5	Pitch	125	0	0
26		26	Plumbers licenses	264	0	0
6982	90	6892	Carried over...	40,672	3	0

No. of applications received.	No. of applications refused.	No. of licenses granted.	Purpose.	License fee.		
				Rs.	A.	P.
6982	90	6892	Brought forward	40,672	3	0
43		43	Pottery-kilns	215	0	0
84		84	Skins, hides and leather	4,250	0	0
2		2	Slaughter-houses	200	0	0
286		286	Do use of	286	0	0
9		9	Spirits	225	0	0
25		25	Straw, dry leaves and thatching materials	200	0	0
1125		1125	Sunshades	2,027	11	3
5		5	Sulphur	95	0	0
4		4	Swine	12	0	0
3		3	Tallow	45	0	0
9		9	Tar	225	0	0
6		6	Tile-kilns	12	0	0
109		109	Timber, bamboos, palmyra rafters &c.	2,400	0	0
13		13	Turpentine	325	0	0
2		2	Wool	100	0	0
4		4	Hack-stables under 2 stalls	Free		
22	2	20	Cattle-yards under 3 cattle	Do		
331	12	319	Washing soiled clothes	Do		
14	1	13	Trash bazaars	Do		
			Fees due for the year 1907-08 but collected during 1908-09	400	0	0
			Fees collected through Court	2,032	2	0
9078	105	8973	Total...	53,722	0	3
			Total of fees collected under "Licenses, Registration, &c.," including private markets and cart-stands during 1907-08	52,659	6	6
			Do do 1905-07	50,114	9	0
			Do do 1905-06	44,329	0	0

APPENDIX II.

TABLE No. 14.

House Inspection.

Statement showing the work done by the Sanitary Inspectors and Conservancy Overseers in House Inspections.

Divisions.	Total number of house inspections.	Number in which remediable sanitary defects were found.	Number of notices served.	Number of cases in which notices were voluntarily complied with.	Number of cases prosecuted.	Number of cases transferred to P.W.D. for the work to be done at owner's cost.	Number of works done by owners after prosecution or after estimate made by P.W.D.	Number of works done by P.W.D. at owner's cost.	Approximate number of pucca built houses.
1st ...	391	155	82	51	...	...	...	...	81
2nd ...	247	205	409	85	...	...	...	...	2,11
3rd and 10th ...	420	180	127	10	1	...	...	...	1,97
4th ...	221	199	120	67	...	...	...	...	2,02
5th and 6th ...	544	405	395	209	...	11	...	...	3,97
7th ...	294	205	376	293	6	...	1	...	2,75
8th and 9th ...	525	399	323	31	...	...	...	...	4,70
11th ...	735	623	684	438	53	12	8	...	3,00
12th ...	602	383	429	273	...	2	...	...	2,05
13th ...	553	354	405	302	4	8	4	...	1,25
14th and 15th ...	677	378	491	431	16	1	7	...	1,66
16th ...	412	253	316	151	8	6	3	...	1,60
17th ...	225	209	191	96	52	12	28	...	3,80
18th ...	521	424	405	182	43	32	40	...	2,90
19th and 20th ...	470	275	375	111	...	30	...	...	4,50
Total...	6,827	4,586	5,218	2,733	183	114	91	...	39,11

APPENDIX II.

TABLE No. 15.

Statement showing action taken under Sections 308 and 309 of the Act.

Section 308.			Section 309.			
Notices.	Number of notices complied with.	Number of notices pending.	Number inspected	Cases complied with, with application to Magistrate.	Cases complied with after application to Magistrate.	Number pending.
* 2,581	1,438	1,143	34	2	18	14

* This excludes notices issued under the congested area scheme.

TABLE No. 16.

People's Park.—Statement of receipts and disbursements for the year 1908-09.

Disbursements.	Amount.	Receipts.	Amount.
	RS. A. P.		RS. A. P.
Establishment ...	3,350 13 0	Sale-proceeds of hay and grass...	653 14 11
<i>Labour.</i>			
Gardeners, &c. ...	3,087 4 3	Menagerie collections...	4,359 5 0
Cost of food for animals ...	35 12 2	Miscellaneous ...	554 8 8
Feeding animals and birds ...	8,059 11 2		
Purchasing animals and birds ...	26 10 0	Government grant for the up-keep of the Zoological Collections ...	5,567 12 7
<i>Other charges.</i>			
Clothing for serjeants and peons ...	93 12 8		2,000 0 0
Weeding and cutting grass ...	795 10 0		
Sundries including Carpenters and bricklayers wages ...	499 10 2		7,567 12 7
Repairing gravel walks ...	79 11 0	Met from the Corporation funds...	11,868 2 0
Repairing and painting Band-stand seats ...	84 3 6		
Do. Lamp post ...	10 4 0		
Purchasing tubs, manure, &c. ...	401 3 10		
Improving and covering Foliage shed ...	483 10 5		
Repairing Band-stand ...	215 9 2		
Constructing masonry stands ...	190 9 6		
General repairs to cages ...	1,239 8 5		
Stationery ...	19 2 3		
Printing ...	29 0 10		
Advertising...	57 2 0		
Fee to the Madras Volunteer Guards for playing band ...	600 0 0		
	16,008 7 4		
Tools and plant ...	74 10 3		
Total ...	19,433 14 7	Total ...	19,433 14 7

TABLE No. 17.

Napier Park.—Statement of receipts and disbursements for the year 1908-09.

Disbursements.	Amount.	Receipts.	Amount.
	RS. A. P.		RS. A. P.
Establishment ...	368 0 0	Sale of hay and grass...	396 2 0
Allowance ...	120 0 0		
<i>Labour.</i>			
Gardeners, &c. ...	517 4 1		
Clothing for peons ...	15 2 9		
Cottagencies ...	11 14 0		
	544 15 8	Met from the Corporation funds	636 14 2
Tools and plant ...	30 0 8		
Total ...	1,068 0 2	Total ...	1,068 0 2

TABLE No. 18.

Robinson Park.—Statement of receipts and disbursements for the year 1908-09.

Disbursements.	Amount.	Receipts.	Amount.
	RS. A. P.		RS. A. P.
Establishment ...	1,005 0 0	Sale of grass, &c. ...	3,422 12 0
<i>Labour.</i>		Met from the funds of the Corporation of Madras ...	1,808 8 7
Gardeners, &c. ...	2,407 6 8		
Stationery ...	1 14 5		
Printing ...	5 3 7		
Purchasing tubs, plants, manure, &c. ...	268 15 8		
Clothing for peons ...	19 1 9		
Fee to M. V. G. for playing band..	600 0 0		
Oil for lighting ...	16 1 0		
Sundries ...	363 15 5		
Repairing and painting garden seats ...	23 14 8		
Do foliage sheds ...	31 2 8		
Improving and covering fernery shed ...	461 8 8		
Varnishing Office furniture ...	6 7 3		
	4,205 11 9		
Tools and plant ...	21 8 10		
Total ...	5,232 4 7	Total ...	5,232 4 7

TABLE No. 19.

Loane Square.—Statement of receipts and disbursements for the year 1908-09.

Disbursements.	Amount.	Receipts.	Amount.
	RS. A. P.		RS. A. P.
Allowance ...	60 0 0	Met from the funds of the Corporation of Madras ...	278 2 7
Labour ...	165 10 10		
Repairing railings gates &c., ...	51 12 10		
	217 7 8		
Tools and plant ...	0 10 11		
Total ...	278 2 7	Total ...	278 2 7

TABLE No. 20.

CORPORATION WORKSHOPS.

Statement showing the number and cost of Works executed during 1908-09.

	Number.	Cost.		1
		Rs.	A.	
I. Departmental Works —				
Works and Health Departments ...	4,947	1,24,803	0	
Special Works Department ...	43	12,328	0	
II. Private Works—	47	2,111	13	
III. Foreign Works	54	1,827	4	
Total...	5,091	1,41,070	2	
NOTE.				
New Works ...	990			
Repairs ...	4101			

TABLE No. 21.

CORPORATION WORKSHOPS.

Statement showing in detail some of the more important works done in the shops during 1908-09.

Particulars.	Estimated cost.	Expenditure.
	Rs.	Rs.
I. DEPARTMENTAL WORKS.		
(a) New Works—		
1. Constructing Mechanical Engineer's Office at Workshop...	5,630	4,021
2. Extending the Turner's and Fitter's shed at Workshop ...	3,275	2,888
3. Constructing a basin for Kannadapalayam people with pipe connection ...	3,000	2,144
4. Constructing the male and female flush out latrine in the lane to the west of Corporation Workshop ...	1,400	1,221
5. Providing plain galvanised iron sheet covering over the roof of Central Gram Depot ...	400	327
6. Constructing flushout latrine at Ice House Road Pumping Station ...	300	263
7. Do. do. at Mylapore Pumping Station...	300	215
8. Do. do. at Napier Park Pumping Station.	300	210
(b) Repairs—		
1. Repairing the Fire-box of DeMellow's Road Incinerator...	3,360	2,730
2. Repairing Smithfield Market ...	1,200	812
II. PRIVATE WORKS—		
1. Constructing a stink trap at the Government P.W. Workshop and connecting it with Sewer No. 11 in Old Jail Street ...	142	142
2. Manufacturing seven rubbish carts new pattern for the Carnatic Mill ...	875	875
3. Manufacturing seven rubbish carts new pattern for the Buckingham Mill ...	875	875
III. FOREIGN WORKS—		
1. Supplying pumping machinery for pumping water from wells at Periapalayam during the "Bhavani Amman" festival ...	289	278-15-5
2. Constructing a stink trap to prevent sewer gases escaping into the drain of Signaller's quarters attached to General Post Office ...	37	36-8-9
3. Supplying 200 lanterns with frames, reservoirs, moons, &c., for Puskaram festival, Godavary ...	140	139-12-3

TABLE No. 22.

CORPORATION WORKSHOPS.

Statement showing the number and description of carts, buckets, dust-bins, manhole covers, &c., manufactured at the shops during 1908-09.

Description of Work.	No.	REMARKS.
FOR HEALTH DEPARTMENT.		
Rubbish carts, new pattern	80	
Do. old pattern	30	
Box carts, ordinary	37	
Iron night-soil carts	19	
Trolly... ..	1	
Iron night-soil buckets with covers	400	
Corrugated iron dust bins, large	215	
Do. small	315	
FOR SPECIAL WORKS DEPARTMENT.		
Manhole covers, 18" "A" pattern	256	
Foot-path covers	561	

NOTE.—An improvement was effected in the rubbish carts by the provision of cast iron naves in place of wooden naves thereby dispensing with the necessity for the constant purchase of wooden naves at a heavy cost. A new pattern of rubbish cart was introduced with a covering at the top in preference to the old open carts.

APPENDIX II.

117

TABLE No. 23.

CORPORATION WORKSHOPS.

Statement of New Machinery installed during 1908-09.

	No.	Value.		
		Rs.	A	P.
1. Root Blowers	2	1,628	0	0
2. Turning Lathe, 26' bed	1	3,219	10	5
3. Emery tool grinder	1	316	12	8
4. Steam hammer, 2 cwt.	1	800	4	11
5. Turning lathe, small	1	1,378	0	0
6. Timber sawing machine	1	528	7	0
7. Improved bolt and nut screwing and tapping machine	1	1,685	0	0
8. Planing machine	1	1,034	13	7
9. Genuine slow flexible shaft with fittings	1	752	7	0
10. Pillar drilling machine.	1	941	10	0
11. Tyre bending machine	1	245	0	0
12. Plate bending machine	1	780	0	0
13. Corrugated iron shearing machine	1	220	0	0
14. Cement testing machine	1	1,173	18	0
Total...		14,703	14	7

NOTE.—The introduction of machinery has resulted in considerable savings in manual labour.

OFFICE OF THE SUB-ASSISTANT INSPECTOR OF SCHOOLS,

TRIPPLICANE RANGE,

TRIPPLICANE, 26th May 1909.

Board Statements I, II, and III, with Supervisors' abstract of work and the financial summary of the Madras Corporation for 1908-09.

Submitted to the Inspector of Schools, IV Circle, with reference to his No. R. C. 282, dated 5th May 1909.

K. C. S. ANANTANARAINIAH,

Sub-Assistant Inspector of Schools,

Triplicane Range.

C. N. Dist. No. 282, M/09, dated 28th May 1909.

Forwarded to the President, Municipal Corporation of Madras, with reference to his letter G. No. 82, dated 16th April 1909, to the Director of Public Instruction, who instructed me to furnish the report direct to the President.

R. G. GRIEVE,

Ag. Inspector of Schools, .

IV Circle

Statement No. I. relating to general statistics in the Madras Corporation for 1908-09.

Institutions.	1908.			1909.			REMARKS.
	Number of Schools.	No. of pupils on 31st March.		Number of Schools.	No. of pupils on 31st March.		
		Boys.	Girls.		Boys.	Girls.	
1	2	3	4	5	6	7	8
<i>Elementary Schools.</i>							
Municipal	1	63	28	1	71	17	
Aided from { Boys' Schools...	145	9,033	1,416	146	9,051	1,639	
Municipal { Girls' Schools...	29	111	2,932	* 54	319	6,301	
Funds ...							
* The increase is due to the re-garding of a large number of Secondary Schools as Elementary Schools.							

Statement No. II. showing the proportion of pupils of the great classes of the population to children of school age in the Madras Corporation for 1908-09.

Classes of population.	Population of school age.		Pupils under instruction.		Percentage.		Pupils under instruction on the 31st March 1908.		REMARKS.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
1	2	3	4	5	6	7	8	9	10
Europeans and Eurasians	...	...	4	1	...	...	4	...	
Native Christians	3,009	3,131	555	278	21.7	26	591	263	
Muhammadans	4,360	4,234	213	3	5.8	8.8	212	1	
Hindus	...	...	416	369	...	...	426	287	
Non-Brahman Caste Hindus	31,084	30,505	5,503	553	27.2	22.2	5,477	393	
Panchamas	...	...	194	5,580	...	...	85	2,334	
Others	51	20	27	379	...	...	2380	695	
Total	38,510	37,893	9,122	1656	...	...	9,096	1,444	
			319	6,301			111	2,932	

Figures in A and B relate to Girls' Schools.

Statement No. III. giving particulars as to the qualifications of the teaching staff employed in the Madras Corporation for 1908-09.

Classes of Institutions.	No. of Teachers employed	No. possessing Training Teachers' Certificate.	No. possessing Untrained Teachers' Certificate.	No. possessing General Education Certificate together with approved service certificate.	No. possessing approved service certificate only.	No. possessing General Education Certificate only.	No. of Teachers who underwent training, but are not certificated.	No. of entirely unqualified Teachers.	REMARKS.
1	2	3	4	5	6	7	8	9	10
<i>Elementary Schools.</i>									
Municipal Boy's School. } Males	4	3	...	...	...	...	1	...	
Aided from Municipal Funds.	...	...	...	...	...	...	...	...	
Boys' Schools } Males	377	165	23	44	8	67	7	69	
Girls' Schools } Females	97	53	1	13	...	21	5	4	
Boys' Schools } Males	41	24	...	...	...	...	...	1	
Girls' Schools } Females	274	210	14	12	1	32	...	5	
Total } Boys' Schools.	478	321	24	57	8	88	13	67	
Girls' Schools.	315	234	24	17	1	33	...	6	

Statement of work done by the Supervisors of Elementary Schools in the Madras Corporation during 1908-09.

Name of Supervisor.	Range.	No. of Schools visited.	No. of Schools examined.	No. of Schools prepared for grant examination.	No. of Pupils examined.	No. of days spent in examining Schools.	No. of days spent in other work.	No. of holidays and No. of days on leave.	Work of the office.	REMARKS.
				Boys.	Girls.					
A. Kuppanayangar	Triplicane Range.	100	100	75	84	4,560	183	50	92	
S. K. Visweswara Sastri	George Town.	2	2	2	...	...	2	9	4	
P. K. Sundaram Aiyar	Do.	93	93	80	...	4,761	200	39	80	

Annual Report of the Rayapettah Hospital for the year 1908-09 as per Civil Medical Code, para. 836.

V. Accommodation, etc.—

(a) There has been no accommodation for Europeans and Eurasians in this Hospital.

(b) The land adjoining the Hospital up to the Rayapettah High Road has been bought and the house on it has been demolished. Sanction has been obtained for a new hospital to be built in the place of the present one, consisting of 60 beds, out of which 5 beds will be set apart for Europeans and Eurasians and 5 beds for caste and Gosha people.

The whole hospital, except Out-patients Department and Nurses quarters, has been whitewashed during the year under report.

(f) Patients treated.—

1,352 in-patients and 40,094 out-patients were treated during the year against 1,202 in-patients and 38,812 out-patients in the previous year showing an increase of 150 in-patients and an increase of 1,282 out-patients.

Operations.—

The total number of operations during the year under report is 2,871 as against 2,664 of the previous year showing an increase of 207.

Epidemic.—

During the year under report cholera cases were excluded from the Isolation Hospital at Kistnampet for reasons as in the previous year. Small-pox prevailed in a sporadic form and an epidemic of chicken-pox broke out in the latter part of the year under report.

There were four cholera cases, twenty-five of small-pox, fifty-six of chicken-pox, nine of measles, four of other diseases and seventeen private and family attendants admitted.

(c) *State of repairs of furniture.*—The furniture requires replacing.

(d) *Inspections.*—

(i) *Steps taken to carry out the recommendations, if any, of the Surgeon-General.*

The Surgeon-General inspected this hospital on the 4th April 1908. He has recommended the speedy construction of a new hospital which ought to be commenced at once.

The necessity of providing a small cowstand in the compound of the hospital has been recommended several times but not carried out as yet.

(ii) *Steps taken to carry out the recommendations of other inspecting officers.*—Nil.

(e) *Amount of recoveries from patients who have been able to pay for their diets and medicines.*—

From Royapettah Hospital—Nil.

From Isolation Hospital—Nil.

(g) *Establishments whether sufficient and efficient :—*

One more ward boy and an ayah, also the services of one more nurse are also necessary owing to the heavy work of this hospital. Present complement of 2 nurses, 4 ward boys and 3 ayahs are insufficient.

One cooly as gate peon and for cleaning the hospital compound : Rs. (7-0-0) seven per mensem is absolutely necessary.

(h) *Midwives.*—Work actually done.—*Nil.*

(i) *Nil.*

(j) *General Remarks.*—*Nil.*

G. HIRSCH, CAPTAIN, I.M.S.,

Surgeon, 4th District.

Report of the working of the Rajah Sir Ramasawmy Mudaliar

Maternity Hospital, Madras, for the official year 1908-09.

Accommodation.—The hospital consists of two caste and one non-caste, puerperal wards, a separate delivery ward and a contagious uralite shed.

The total number of beds is as follows :—

Two caste wards each 10 beds	...	...	...	...	20 beds
One non-caste ward	...	...	...	...	16 "
One delivery ward	...	...	...	...	4 "
One contagious shed	...	...	...	...	8 "
Total...					48 beds

The average daily sick, including natural labour cases was :

In-patients	...	...	...	...	32.1
Out-patients	...	...	...	...	7.5
Total...					39.6

The total treated including natural labour cases was.

(a) In patients	...	1,271	against	1,341
(b) Out patient	...	1,588	against	1,581
Total	...	2,859		2,922

The work among the in-patient shows a slight decrease of 61 as compared with the previous year, but that of out-patients a marked increase of 23.

Hospital assistant pupils in the final year of study receive their clinical course of instruction at this hospital, and about a dozen native midwives pass out annually, and find employment in Local Boards and Municipalities.

The hospital is well equipped for affording instruction

III. The expenditure of the management of this hospital is met by the endowment and a contribution from the Corporation.

MADRAS,
29th April 1909.

F. C. REEVES, LT.-COLONEL, I.M.S.,

Surgeon 1st District and Superintendent,

of Rajah Sir Ramasawmy Mudaliar,

Maternity Hospital, Madras.

Annual Report of the George Town Dispensary for the year 1908-1909.

Accommodation.—Does not meet requirements. There is much overcrowding. There is insufficient space, and the privacy necessary in special cases is impossible. H. E. the Governor and the Surgeon-General have condemned the building as utterly unsuitable, which has been notified in a separate communication.

Attendance.—The total number of patients treated was 51,276, and the average daily attendance 341.70. These numbers are less by 3,195 and 20.62 as compared with the previous year, and are due to the exceedingly heavy rains in the months of October, November and December 1908. The largest number of admissions were from the following diseases:—Malarial fever, diseases of the digestive system, ear diseases, diseases of the respiratory system, and diseases of the skin.

Women and children show a much larger attendance than men, 28,168 against 23,108.

Operations.—2,713. Most of them of a minor nature, were performed during the year, as against 2,612 the previous year.

The statement showing attendance, finance and disease treated are attached.

I have the honour to be,

Sir

Yours most obedient servant,

F. C. REEVES, LT. COLONEL, I.M.S.,

Surgeon, 1st District.

Annual Concise Report on the working of the Baliah Naidu Dispensary, Vepery, for the year 1908-09.

This dispensary was opened on the 10th April 1899 and is located in the building erected by the late M.R.Ry. Baliah Naidu. It lies to the south of Smithfield Market and affords relief only to out-door patients. During the year

under report, a small operation room was built on the back verandah of the main building, the number of operations having increased gradually.

2. The establishment consists of a senior grade Hospital Assistant, a 4th grade Hospital Assistant, two compounders, a male attendant, a female attendant, a peon and a sweeper.

3. The maximum number treated on any one day was 315 on 4th August 1908. The number of admissions during the year was 86,993 against 35,59 during 1907-08.

4. 1,671 surgical operations were performed during the year against 1,57 during the previous year, showing an increase of 96.

VEPARY.

17th May 1909.

S. E. CAMAL SINGH,

Senior Grade Hospital Assistant,

In charge, Baliah Naidu Dispensary, Madras.

MADRAS,

19th May 1909.

ROBERT ROBERTSON, LT.-COL., I.M.S.,

Surgeon, 2nd District, Madras.

Report on the work of the San Thome Dispensary for the Official year 1908-09.

1. *Accommodation.*—The building in which the dispensary is located is the property of the S. P. G. Mission and a rent of Rs. 10 (ten) per mensem is paid to out of the funds of the dispensary. It is suitable to its requirements and is in good condition. The usual lime washing and petty repairs were duly done in the year. At this dispensary only out-patients are treated and medical help is given to all classes of people.

2. *Establishment.*—The staff consists of a Hospital Assistant, a compounder and two inferior servants.

3. *Total treated.*—The total number of patients treated during the year was 12,241; and the average daily attendance for the same period was 64.01.

4. *Most Common diseases treated.*—The most common diseases for which treatment was given at the dispensary were:—

Diseases of the digestive system ...	1878
Do. respiratory ...	1308
Do. ear ...	836
Do. skin ...	1814
Malarial fevers ...	476
Injuries (General and Local)	988
Rheumatic affections ...	572

5. *Operations.*—488 operations of minor nature were performed during the year.

6. *Income.*—The total income of the year from all sources was Rs. 1,250.

7. *Inspection.*—The dispensary was inspected once by the Surgeon of the 4th District and once by the Honorary Secretary and Treasurer.

S. ABRAHAM,

Hospital Assistant.

M. C. NUNJUNDA ROW.

From

G. NARAYANASAWMY CHETTY,

Honorary Secretary to the Governors of the

Victoria Hospital for Caste and Gosha Women,

MADRAS.

To

THE PRESIDENT,

Corporation of Madras,

MADRAS.

I have the honour to submit a copy of the Report of the Victoria Hospital for Caste and Gosha Women, Madras, for the year 1908-09.

2. The number of both in and out patients has increased as also maternity cases during the year, there being an increase of 175 patients, viz., 145 in-patients and 30 out-patients, and of 33 maternity cases. A similar increase is noticeable in the number of moffusil patients, who continue to come in more and more year by year. That the patients receive a great deal of care and attention at the hands of the staff, that the hospital is growing in popularity and that the sphere of its usefulness is gradually on the increase is abundantly demonstrated by the above facts.

3. It will be noted with pleasure that the great necessity for a septic ward on modern lines which has become the subject of report for some years past was, after all, supplied by the generous Zamindar of Ettiyapuram, who first expressed his willingness to defray the expense of erecting this ward and then actually paid the amount required for the construction. It is also a matter of great delight to mention that this ward is to be named after Her Excellency The Honourable Lady Lawley, whose interest in all affairs connected with the Hospital is indeed very great and whose name will ever be associated with this all important institution and cherished by all concerned with feelings of pride and satisfaction.

4. Her Highness the Maharaja Kumarika Sahiba of Vizianagaram and Lady Bashyam Iyengar, showed equally their sympathy with the unfortunate women

who have to resort to the Gosha Hospital impelled by necessity. The former, with her characteristic generosity, a donation of Rs. 4,000; at a time, when the hospital stood in urgent need of money for repairs to the hospital, subsidiary buildings. The latter at her own expense very kindly constructed and equipped a kitchen for the use of Brahmin patients.

5. There is increase in the subscriptions and donations received during the year. The liberal donation of Her Highness The Maharajah Kumarika S. of Vizianagaram coupled with the endeavours made to induce as many gentlemen as possible to give their contributions materially tended to increase subscriptions and donations.

6. I take this opportunity of most earnestly inviting the attention of those interested in the Institution to the want of sufficient accommodation which urgently necessitates the refusal of those who seek admission into the hospital the sooner this urgent need is supplied the better. The increase of the Hospital staff will of course be commensurate with the increase of the accommodation. The committee would therefore once more appeal to the charitable public with a view to their rendering financial help in this matter.

7. Before closing this report I deem it my duty to give utterance to feelings of regret of the Governors regarding the death of Sir V. Bastiyanagar who took great interest in the Hospital, and in whom it has lost a friend and a warm supporter and of Mrs. Winckler King, M.D., who was an ardent and jealous Superintendent and whose popularity and capability was great.

8. The budget for 1909 shows a deficit of Rs. 3,100, and every endeavour will be made with the aid of the public having the welfare of the hospital at heart, to cover the deficit.

9. The accounts for the year under report were audited by the Accountant General and found correct.

VICTORIA HOSPITAL FOR
CASTE AND GOSHA WOMEN,
CHEPAUK,
8th April 1909.

G. NARAYANASAWMY CHETTY
Honorary Secretary to the Governors of
Victoria Hospital for
Caste and Gosha Women

Statement showing the diseases treated in the undermentioned Hospitals and Dispensaries during the year 1908-09.

Name of Diseases.	Hospitals and Dispensaries.						
	Royal petah Hospital.	George Town Dis- pensary.	Bahiah Naidu Dis- pensary.	St. Thome Dispen- sary.	St. Thomas Convent Dispen- sary.	Victoria Hospital for Caste and Gosha Women.	Rajah Sir Banasaw- my Mudaliar Hospital.
GENERAL DISEASES.							
Small-pox	3	8	...	7	...	...	...
Chicken-pox	1	...	...	...	...	...	...
Cholera	11	2	...	...	...	...	...
Dysentery	1,381	948	1,414	390	692	283	113
Malarial fevers	1,502	6,039	1,757	476	635	155	316
Primary syphilis	...	...	...	...	...	...	...
Secondary syphilis	357	283	152	84	...	12	...
Gonorrhoea	350	187	206	47	...	...	...
Scurvy	...	2	...	...	...	...	...
Worms	8,487	1,377	1,353	888	658	728	43
Debility and anaemia	687	759	316	169	575	489	40
Rheumatic affections	2,700	1,586	1,226	572	697	629	42
Malignant Growths (Carcinoma)	23	7	...	...	...	...	...
New growths (Sarcoma)	21	4	...	...	...	...	...
Tuberculous Diseases	187	70	9	11	52	69	10
Leprosy	25	17	...	9	...	...	...
Venereal Diseases	...	...	...	...	...	...	...
Simple continued fever	...	...	...	...	...	...	...
All other general diseases	3,572	7,025	3,284	1,176	109	1,108	24
Diseases of the nervous system	1,418	1,257	773	254	...	307	47
Diseases of the eye	695	961	1,762	638	438	460	6
Diseases of the ear	2,745	4,150	2,270	838	346	812	10
Diseases of the nose	212	141	103	18	24	28	...
Diseases of the circulatory system	338	39	81	61	...	56	5
Diseases of the lungs	...	...	...	...	15	30	...
Diseases of the respiratory system other than tubercle of the lungs.	4,905	3,861	4,932	1,308	810	915	283
Diarrhoea	858	723	980	...	920	596	83
Dyspepsia	1,060	1,048	206	...	487	921	87
Diseases of the liver	214	151	257	...	24	121	4
Other diseases of the digestive system	5,180	5,196	5,618	1,878	832	3,012	173
Diseases of the spleen	85	412	85	4	71	84	...
Other diseases of the lymphatic system	577	216	194	144	19	95	3
Gonorrhoea	3	...	1	...	...	1	...
Diseases of the urinary system	361	268	865	8	21	509	45
Scrophulous	126	142	93	...	...	...	...
Other diseases of the generative system	850	611	444	448	...	3,012	...
Diseases of the organs of locomotion	151	196	162	7	...	6	...
Diseases of the connective tissue	2,307	2,561	1,416	499	...	801	10
Ulcers	2,244	2,730	2,602	...	782	907	5
Other diseases of the skin	1,061	3,416	2,813	1,814	46	1,529	16
All other local diseases	...	11	...	11	...	...	...
General injuries	...	...	...	...	...	...	...
Local injuries	2,712	1,111	2,013	983	520	6	8
Poisons (Opium)	2	1	...	...	...	222	...
Other poisons	...	...	...	...	...	...	...
Normal	18	424	57	1	...	46	4
Abnormal	...	...	...	...	...	...	275
Not diagnosed	...	...	...	...	428	...	734
Total number of patients	41,446	51,278	36,993	12,241	10,147	17,895	...

Statement showing the attendance of Patients treated, the income and the expenditure of the undermentioned Hospitals and Dispensaries during the year 1908-09.

Name of Hospital.	Total number treated.		Average daily attendance.		Percentage of deaths 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.		Repairs to Buildings.		Miscellaneous.		Total.	
						Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.		Rs.
Repapetiah Hospital	1,323	40,094	49 24	286-02	5-20	...	5,233	10 1	16,753	12 6	4,007	8 4	2,531	6 10	608	0 6	775	0	0 3,307	6 10	1,675	12 6	...	
George Town Dispensary	...	51,276	...	241-70	...	...	...	...	8,227	4 7	2,615	10 11	...	2,451	5 9	113	6 6	...	...	3,046	13	8,227	4 6	...
Basilio Naidu Dispensary	...	28,998	...	239-50	...	...	...	...	2,809	9 6	2,113	14 10	...	63	1 9	0	4 6	189	11 2	440	6 6	2,809	9 6	...
St. Thom's Dispensary	...	12,441	...	64-01	...	150	0 0	...	1,100	0 0	816	0 0	...	180	7 3	20	5 9	...	...	186	10 6	1,183	7 0	...
St. Thomas' Convent Dispensary, San Thomé	1,849	8,236	4-5	95-6	...	...	...	...	240	0 0	960	0 0	543	6 6	530	2 7	67	6 6	95	0 0	2,872	8 9	...	
Victoria Hospital for Caste and Gunga Women	2,803	15,592	68-70	113-91	7-4	5,095	0 0	1,000	0 0	600	0 0	7,131	9 3	3,048	10 7	613	11 6	1,011	0 0	3,071	10 9	16,443	1 0	...
Rajah Sir Ramaswamy Muller Maternity Hospital.	1,371	1,688	32-10	7-26	90	...	3,267	6 5	5,008	4 9	5,311	8 0	2,612	5 16	...	...	...	182	0 0	1,151	1 4	8,837	11 2	...

* Hindu Patients 13,888

A.—VACCINE DEPARTMENT.

Statement No. I showing the particulars of Vaccination in the Corporation of Madras during the official year 1908-09.

Circle.	Population of circle according to the Census of 1901.	Average number of persons vaccinated 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.						Percentage of success to total vaccinated excluding unknown.		Percentage of unknown cases to total cases vaccinated.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			Males.	Females.		Total.	Successful.			Unsuccessful.			Successful.			Unsuccessful.			Successful.			Unsuccessful.			Primary and Secondary Vaccinations.	Re-Vaccination.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
							Under one year.	Over six years.	Total of all ages.	Under one year.	Over six years.	Total of all ages.	Under one year.	Over six years.	Total of all ages.	Under one year.	Over six years.	Total of all ages.	Under one year.	Over six years.	Total of all ages.	Under one year.	Over six years.	Total of all ages.			Primary and Secondary Vaccinations.	Re-Vaccination.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
																													Total.	Under one year.	Over six years.	Total.	Under one year.	Over six years.	Total.	Under one year.	Over six years.	Total.	Under one year.	Over six years.	Total.	Under one year.	Over six years.	Total.	Under one year.	Over six years.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1			4			9	7	8	6	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Corporation of Madras.	5,08,210	20	15,004	12,778	23,677	1,484	18,589	4,622	23,211	59	331	390	23,688	18,639	4,622	137	37	174	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	498	23,298	69	331	49

* In accordance with G.O. No. 1459 B, dated 19th November 1905.

Statement No. II showing the cost of the Department in the Corporation of Madras during the official year 1908-09,

Expenditures.										Paid from					Average cost of each successful case.																
Dr. Inspectors.		Vaccinators.		Clerks.		Fees, &c.		Total Pay of Establishment.		Travelling allowance.		Contingencies.		Total cost.		Imperial Funds.		Provincial Funds.		Local Funds.		Municipal Funds.		Zamindari.		Total.		Number of all successful vaccinations. (Partly, Secondary and Re-vaccinations.)		No.	
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		
Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
1	2	3	4	5	6																										

131

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 1908-09.				NUMBER OF CASES INSPECTED DURING 1908-09.			
	Total.	Suc- cessful.	Unsuc- cessful.	Un- known.	Total.	Suc- cessful.	Unsuc- cessful.	Un- known.
Deputy Inspector of Vaccination.	...	...	...	...	3,048	2,662	380	56
Asst. Dy. Inspector, 1st & 3rd Dns.	7,507	6,832	321	354	5,328	5,057	157	114
Do 2nd, 7th and 8th Dns. ...	8,512	8,058	327	432	6,980	6,586	197	197
Do 4th, 5th and 6th Dns. ...	9,800	8,917	236	147	5,333	5,323	10	...
Do 7th Dn. North and South Ward ...	3,059	2,319	540	199	1,669	1,447	195	46
Total ...	28,677	26,121	1,424	1,132	22,378	21,075	890	413
Penitentiary, Maurities and Natal Emigration Depots ...	4,097	2,654	1,298	145	...	...	...	...
Grand Total ...	32,774	28,775	2,722	1,277	22,378	21,075	890	413

Statement No. IV showing the number of Births registered during 1908-09 and the number of Infants vaccinated under one year of age as compared with the two preceding years.

Years.	Total births registered including still-born.	Still-born.	Deaths under one year including still-born.	Born alive.	Number of infants vaccinated under one year.	Percentage of vaccination to births registered.
1906-07 ...	18,989	772	6,519	18,217	15,032	79.16
1907-08 ...	21,258	801	6,458	20,452	17,796	88.78
1908-09 ...	20,187	750	6,541	19,437	18,872	98.49

APPENDIX V.

APPENDIX V.
ANNUAL FORM NO. A.—METEOROLOGICAL DATA.

LATITUDE 13° 4' N.

LONGITUDE 80° 15' E.

MONTHS.	Reading of Thermometer.					Mean daily value.	Dew point value.	Mean maximum star radiation.	Difference between new point temper- ture and mean air temperature.	Degree of humidity complete saturation being 100.	Prevailing direction of wind.	Rainfall.		
	Dry.				No.							Inches.	Inches.	
	Maximum.	Minimum.	Mean daily range.	Mean daily value.										
Parameter value.	Mean daily reading.													
1908.	Inches.	...	...	...	...	...	...	...	...	cent.	...	No.	Inches.	Inches.
January	30-017	87-9	60-8	16-1	75-9	68-3	133-9	7-7	79	E. N. E.	1	0-02	0-03	
February	20-060	92-3	63-9	18-3	76-0	69-1	136-1	6-9	79	E. by S.	4	0-18	0-35	
March	32-1	97-5	63-5	16-9	80-2	69-8	136-2	10-6	73	S. E.	...	...	...	
"	78-6	109-6	75-1	17-2	85-3	70-1	140-2	9-2	77	S. S. E.	...	...	...	
April	78-6	109-6	78-0	18-9	88-4	74-5	143-8	13-9	69	South.	2	0-09	0-07	
May	80-8	107-6	77-3	20-1	86-2	71-6	138-0	16-1	63	S. W. by S.	9	0-48	0-11	
June	78-8	101-1	73-3	15-9	85-6	72-7	131-4	12-2	70	S. W. by W.	18	1-63	0-36	
July	72-7	98-9	71-6	17-5	83-9	73-9	133-6	15-9	75	S. S. W.	13	4-70	1-40	
August	75-3	98-2	73-9	14-2	82-2	76-5	132-6	15-2	66	S. W. by S.	19	9-51	1-23	
September	83-4	96-6	70-1	14-6	81-1	74-5	130-9	6-4	83	E. S. E.	11	24-76	7-28	
October	91-9	87-4	85-0	14-9	75-9	67-9	127-7	5-9	79	N. N. E.	8	12-01	6-56	
November	96-1	85-4	82-4	14-0	79-0	65-7	126-2	5-2	73	N. E. by N.	4	2-28	1-72	
December														

APPENDIX V.

Annual Form No. J.—Births registered by Wards during the year 1908.

Divisions.	Wards.	Population according to Census of 1901.			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 100 of Popu- lation.			Mean ratio of Births per 1,000 during previous five years.		
		Males.			Males.			Males.			Males.			Males.			Males.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1	West Ward Centre " East "	8,433	8,121	16,554	311	245	556	268	205	237	126-9	80-4	31-1	78	...	...	30-4	31-1	30-7
		10,663	21,259	31,922	898	887	1,785	335	394	414	107-0	44-1	39-8	18-8	...	...	44-1	39-8	41-9
		12,869	13,182	26,051	512	481	993	40-4	38-4	38-4	106-4	88-5	33-1	3-7	...	...	88-5	33-1	35-9
2	North Ward Centre " South "	18,861	19,222	38,083	748	687	1,435	39-2	35-1	37-2	108-1	40-8	38-0	15-0	...	...	40-8	38-0	39-4
		14,366	14,302	28,668	453	461	914	31-5	32-2	31-8	104-6	32-7	30-6	12-6	...	...	32-7	30-6	31-6
		11,506	10,708	22,214	380	341	721	33-8	31-5	32-7	114-0	28-4	26-3	10-6	...	...	28-4	26-3	28-7
3	East Ward Centre " West "	9,770	8,166	17,936	270	263	533	27-6	32-5	29-6	102-6	29-9	28-1	6-9	...	...	29-9	28-1	31-4
		8,825	8,729	17,554	341	346	687	38-6	39-9	39-3	97-7	38-3	40-7	3-8	...	...	38-3	40-7	41-9
		14,014	2,536	16,550	360	363	723	24-9	26-9	25-9	96-4	26-8	29-6	0-8	...	...	26-8	29-6	29-6
4	4th Division	13,328	10,896	24,224	478	406	884	35-8	37-2	37-8	116-5	30-8	40-1	...	...	...	30-8	40-1	38-1
5	North Ward Centre " South "	18,846	18,461	37,307	502	782	1,284	48-3	42-9	45-6	113-8	49-4	46-6	...	...	...	49-4	46-6	48-9
		13,379	13,081	26,460	572	563	1,135	43-0	41-1	42-0	101-5	42-9	39-8	...	...	...	42-9	39-8	41-3
		11,543	10,411	21,954	545	525	1,070	47-2	50-4	48-7	108-8	37-7	37-4	8-5	...	...	47-2	37-4	48-8
6	North Ward Centre " South "	17,724	4,822	22,546	179	202	381	37-8	41-8	39-9	88-6	42-9	36-4	...	...	...	42-9	36-4	39-6
		7,044	7,253	14,297	217	263	510	35-0	36-2	35-6	93-9	35-6	39-6	0-4	...	...	35-6	39-6	41-9
7	North Ward Centre " South "	13,387	13,337	26,724	580	550	1,130	43-6	41-2	42-4	105-4	44-0	41-4	...	...	...	44-0	41-4	42-7
		17,569	18,016	35,585	829	767	1,596	46-6	42-5	44-6	108-0	46-6	48-5	4-8	...	...	46-6	48-5	49-4
		15,781	16,667	32,448	589	605	1,194	38-9	38-6	37-7	96-3	37-4	37-0	5-2	...	...	37-4	37-0	37-2
8	East Ward Centre " West "	18,173	18,614	36,787	578	537	1,115	45-6	40-9	42-8	108-7	43-0	40-1	...	...	...	43-0	40-1	41-5
		10,125	10,000	20,125	496	445	941	49-9	44-5	46-7	111-4	47-7	44-5	...	...	...	47-7	44-5	46-1
		266,730	252,616	519,346	10,278	9,702	19,980	40-0	38-4	39-2	106-9	40-8	39-1	4-5	...	...	40-8	39-1	40-0

Annual Form No. VI.—Deaths registered from Cholera by Wards during each month of the year 1908.

Districts.	Wards.	Month.												Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1,000 during previous five years.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Males.	Females.	Total.	Males.	Females.	Total.	
1	West Ward Centre East	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	North Ward Centre South	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	East Ward Centre West	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	4th Division	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	North Ward Centre South	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	North Ward Centre South	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	North Ward Centre South	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	East Ward Centre West	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total		80	65	58	7	7	4	51	435	441	77	80	9	623	1,346	2.4	3.4	2.4	1.9	

Annual Form No. VII.—Deaths registered from Small-pox by Wards during each month of the year 1908.

Wards.	Month.												Total.		Ratio of deaths per 1,000 of Population.		Mean ratio per 1,000 during previous five years.	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.		Males.	Females. Total.		
													Males.	Females.				
West Ward	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0.1	..	0.06	0.3
Centre "	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0.4	..	0.02	0.7
East "	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0.7	..	0.08	0.5
North Ward	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.5
Centre "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.5
South "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.5
East Ward	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.5
Centre "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.5
West "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.5
4th Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.1
North Ward	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.3
Centre "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.3
South "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.4
North Ward	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.1
Centre "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.1
South "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.3
North Ward	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.3
Centre "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.3
South "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.3
East Ward	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.2
Centre "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.1
West "	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.1
Total	8	5	4	1	1	1	1	1	1	1	1	1	1	13	0.03	0.01	0.02	0.3

Annual Form No. X.—Deaths registered from *Malaria* by Wards during each month of the year 1908.

APPENDIX V.

1	2	3												4		6			
		Wards.												Total.					
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Males.	Females.		Total.	Males.	Females.
Division.	Wards.													Ratio of deaths per 1,000 of Population.		Mean ratio per 1,000 during previous five years.			
1	{ West Ward Centre " East "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	{ East Ward Centre " West "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	{ 4th Division	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	{ East Ward West "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total		225	213	241	179	180	174	198	279	288	269	284	28	1,274	1,483	4.9	5.6	2.5	

APPENDIX V.

Annual Form No. XI.—Deaths Registered from *Enteric Fever* by Wards during each month of the year 1908.

1	2	3												4		5		6	
		Wards												Total.		Ratio of deaths per 1,000 of Population.			
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Males.	Females.	Males.	Females.		
1	West Ward Centre " East "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.04	0.01	0.01	
2	North Ward Centre " South "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01	0.01	0.01	
3	East Ward Centre " West "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01	0.01	0.01	
4	4th Division	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01	0.01	0.01	
5	North Ward Centre " South "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01	0.01	0.01	
6	North Ward Centre " South "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01	0.01	0.01	
7	North Ward Centre " South "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01	0.01	0.01	
8	East Ward West "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.01	0.01	0.01	
	Total	8	8	8	8	8	8	8	8	8	8	8	8	8	8	0.01	0.01	0.01	

Annual Form No. XII.—Deaths registered from *Other Fevers* by Wards during each month of the year 1908.

1	2	3	4												5		6			
			Total.												Males.	Females.		Total.		
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.						
Divisions.	Wards.																	Mean ratio per 1,000 during previous five years.		
1	{ West Ward Centre " East "		3	14	24	16	3	3	11	19	13	3	4	23	25	49	27	32	81	
			6	6	9	5	3	1	10	7	8	10	8	31	66	180	42	42	91	
			9	9	4	5	5	3	10	7	8	8	8	41	78	211	31	27	67	
2	{ North Ward Centre " South "		8	11	10	3	11	13	9	8	4	4	...	48	47	96	25	24	75	
			10	7	2	8	4	8	2	2	7	6	...	24	36	60	16	25	90	
			4	9	4	5	4	6	3	3	8	6	...	28	14	42	24	12	78	
3	{ East Ward Centre " West "		2	4	4	4	1	1	4	8	7	3	6	24	28	52	24	34	66	
			5	5	6	3	5	1	6	10	8	9	9	34	41	75	38	46	63	
			9	2	3	6	9	6	11	10	13	9	7	60	89	93	42	31	70	
4	{ 4th Division		1	2	2	...	...	...	4	3	3	1	3	13	9	31	10	0.7	4.1	
			14	14	11	17	7	8	23	21	24	17	10	11	108	68	174	57	35	62
			2	3	8	5	10	5	1	4	6	3	6	3	33	59	122	47	43	66
5	{ North Ward Centre " South "		2	7	2	...	1	1	2	1	1	4	1	7	11	21	14	29	21	55
			8	6	4	1	3	3	...	2	2	5	2	1	24	13	37	84	17	51
			18	14	19	7	13	8	12	10	16	15	16	18	85	32	187	53	61	72
7	{ North Ward Centre " South "		17	10	14	16	19	9	19	25	31	33	14	120	130	250	87	72	77	
			11	14	17	15	21	15	10	20	15	23	13	14	58	114	196	51	73	64
			...	...	...	16	10	6	15	11	5	20	14	5	40	57	106	37	41	36
8	{ East Ward Centre " West "		...	...	...	4	9	6	5	15	17	4	1	29	39	68	28	89	33	
			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Total		144	142	148	135	168	220	234	205	196	114	974	971	1,945	87	88	58	66	

Annual Form No. XIII.—Deaths registered from *Dysentery and Diarrhea* by Wards during each month of the year 1908.

1	2	3	4												5		6		
			Wards.												Total.			Ratio of deaths per 1,000 of Population.	
			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Males.	Females.		Males.	Females.
1	{ West Ward Centre " East "	...	11	8	18	9	11	15	11	29	19	17	18	5	82	79	181	97	125
		...	15	40	36	32	28	34	48	53	76	24	34	24	237	237	474	115	151
		...	27	19	23	17	11	20	30	18	40	15	15	9	92	188	225	87	89
2	{ North Ward Centre " South "	...	23	28	27	37	22	20	43	43	17	20	15	172	113	315	91	89	
		...	13	15	14	18	4	8	13	13	22	14	8	10	63	65	147	51	74
		...	13	8	10	13	7	8	6	9	15	8	8	10	59	57	116	51	74
3	{ East Ward Centre " West "	...	13	10	10	10	8	10	6	19	11	12	9	8	66	60	126	67	71
		...	8	7	3	6	8	8	7	12	16	6	5	6	46	45	91	52	69
		...	14	13	13	11	19	11	8	23	22	10	17	6	26	81	187	61	62
4	4th Division	...	23	18	9	16	11	11	14	15	12	21	10	15	81	89	170	65	113
		...	47	27	22	39	18	28	29	42	53	36	27	20	132	201	363	97	121
		...	16	20	26	20	21	18	18	34	24	16	12	14	125	111	239	94	95
5	{ North Ward Centre " South "	...	20	13	16	8	11	20	21	16	12	13	15	9	90	87	177	77	84
		...	15	7	8	6	7	2	7	11	5	4	10	5	54	45	99	114	117
		...	10	2	1	4	8	13	2	10	7	13	7	2	31	45	79	48	72
6	{ North Ward Centre " South "	...	23	14	19	21	20	5	12	17	21	19	11	12	134	109	197	73	83
		...	28	42	26	27	26	19	24	36	31	25	27	19	144	186	330	81	90
		...	29	16	26	17	18	26	19	38	37	16	20	16	110	138	278	88	89
7	{ East Ward Centre " West "	...	12	18	16	36	23	12	13	17	23	25	20	121	108	229	91	85	
		...	16	22	27	12	28	11	19	16	25	17	17	14	97	125	222	95	110
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...		406	312	317	346	305	285	327	471	523	330	308	230	2,058	2,137	81	84	8.3	

Annual Form No. XIV.—Deaths registered from *Tubercle* including *Tubercle* of the *Lung* by Wards during each month of the year 1908.

1	2	3												4			5		6	
Divisions.	Wards.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.		Rate of deaths per 1,000 of Population.		Mean ratio per 1,000 during previous five years.		
														Males.	Females.	Total.				
1	West Ward	2	1	1	2	2	6	...	1	3	...	2	2	10	11	21	0.4	0.5	0.01	
	Centre "	...	1	...	1	...	...	...	...	...	3	...	3	3	4	0.3	0.1	0.07		
	East "	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.1		
2	North Ward	...	3	4	1	2	...	1	2	1	3	1	1	11	6	17	0.6	0.3	0.1	
	Centre "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.2	0.1	0.1	
	South "	...	2	2	1	3	3	...	1	1	...	2	...	10	8	18	0.8	0.2	0.6	
3	East Ward	1	4	1	...	...	...	3	3	...	1	3	2	5	8	13	0.5	0.2	0.05	
	Centre "	1	...	...	...	...	1	2	...	...	...	...	4	4	8	0.4	0.9	0.1		
	West "	...	...	...	...	...	...	...	...	...	...	...	...	3	1	4	0.3	0.1	0.06	
4	4th Division	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	0.08	...	0.03	
	North Ward	...	1	...	2	...	...	...	...	...	...	...	1	1	3	4	0.6	0.1	0.1	
5	Centre "	1	2	3	1	...	...	1	1	2	1	...	2	3	9	17	0.4	0.6	0.3	
	South "	4	...	...	...	2	...	...	...	...	...	...	...	3	4	6	0.1	0.3	0.2	
	North Ward	...	1	1	1	...	2	1	...	2	1	...	...	6	3	9	1.3	0.6	1.5	
6	South "	...	...	...	...	...	...	...	...	1	...	...	...	3	1	4	0.4	0.1	0.08	
	North Ward	...	...	...	...	...	...	...	...	...	...	...	...	1	3	4	0.07	0.2	0.1	
	Centre "	...	3	...	...	...	...	...	1	...	...	...	...	2	1	3	0.1	0.5	0.06	
7	South "	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...	0.2	0.1	0.08
	North Ward	...	...	...	...	...	...	1	...	...	...	...	...	...	3	6	0.1	0.2	0.06	
	Centre "	...	...	1	...	...	...	...	...	...	...	...	...	1	1	2	0.09	0.1	0.1	
8	East Ward	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	West "	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total...		15	18	13	9	14	11	8	11	11	7	11	10	73	65	188	0.2	0.2	0.1	

Annual Form No. XV.—Deaths registered from *Respiratory Diseases* excluding *Tubercle* of the *Lung* by Wards during each month of the year 1908.

Wards.	3												4			5		Mean ratio per 1,000 during previous five years.	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.		Ratio of deaths per 1,000 of Population.				
													Males.	Females.		Males.	Females.		Total.
1 { West Ward	1	2	3	...	...	...	1	3	4	2	0	2	19	5	21	22	06	14	16
2 { Centre "	5	6	8	...	...	...	4	9	8	0	6	6	38	38	74	18	16	21	21
3 { East "	4	5	5	...	...	...	2	2	2	4	8	2	20	17	37	15	12	14	15
4 { North Ward	14	11	6	11	10	9	7	9	13	17	5	10	71	51	122	37	26	31	28
5 { Centre "	5	9	6	8	3	4	5	10	11	8	8	8	41	38	79	28	26	27	27
6 { South "	10	8	7	5	3	3	2	9	3	4	11	4	35	35	70	30	32	31	31
7 { East Ward	6	4	0	5	5	6	1	4	3	4	8	3	28	26	54	28	32	30	22
8 { Centre "	...	4	4	6	3	1	1	6	5	7	8	4	27	25	52	30	28	29	22
9 { West "	...	6	5	8	1	5	4	5	3	9	5	3	38	34	62	19	27	23	20
10 { 4th Division	...	9	7	8	7	6	3	3	4	7	4	2	31	33	64	25	30	27	19
11 { North Ward	11	10	10	8	7	8	13	11	16	10	9	6	61	58	119	38	31	32	28
12 { Centre "	...	6	5	8	6	6	10	6	7	7	7	10	44	43	87	33	31	33	26
13 { South "	...	4	3	6	4	3	3	5	6	5	3	3	24	26	50	20	24	23	24
14 { North Ward	2	2	1	1	2	4	3	2	2	3	3	2	13	8	21	27	16	21	20
15 { South "	...	5	2	3	1	4	1	6	2	6	1	3	20	21	41	25	28	28	20
16 { North Ward	3	15	8	3	8	4	7	9	6	7	8	8	39	42	81	29	31	30	23
17 { Centre "	8	11	12	8	12	6	7	17	13	11	14	9	65	63	128	36	34	35	34
18 { South "	14	9	11	12	7	6	6	13	5	5	10	9	51	59	110	32	37	34	22
19 { East Ward	6	7	5	1	4	1	4	6	4	5	7	6	24	31	55	18	22	20	17
20 { West "	9	8	...	3	2	2	2	5	7	4	1	2	18	22	40	17	22	18	17
Total	135	136	116	106	89	82	88	141	121	130	122	103	697	673	1,370	27	26	26	23

APPENDIX V.

Annual Form No. XVI.—Deaths registered from *Injuries* by Wards during each month of the year 1908.

Districts.	Wards.	3												4			5			Mean ratio per 1,000 during previous five years.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.		Ratio of deaths per 1,000 of Population.				
														Males.	Females.	Males.	Females.	Total.		
1	West Ward	2	4	1	6	1	3	1	1	1	1	1	3	3	16	7	23	0.3	0.1	
	Centre "	2	1	1	1	1	1	1	1	1	1	1	3	3	16	7	23	0.7	0.4	
	East "	1	1	1	1	1	1	1	1	1	1	1	3	3	6	2	7	0.8	0.2	
2	North Ward	1	2	1	5	2	2	1	2	2	1	2	1	9	9	18	9	18	0.4	0.1
	Centre "	1	2	1	4	1	2	1	2	1	2	2	1	11	8	19	7	26	0.7	0.6
	South "	1	2	2	1	1	1	4	2	1	1	2	2	15	10	25	1.8	0.9	1.1	
3	East Ward	1	1	1	1	1	1	1	1	1	1	1	1	4	4	7	4	7	0.4	0.3
	Centre "	1	1	1	1	1	1	1	1	1	1	1	1	4	4	7	4	7	0.4	0.1
	West "	1	1	1	1	1	1	1	1	1	1	1	1	5	3	8	3	8	0.3	0.3
4	4th Division	1	1	1	1	1	1	1	1	1	1	2	1	5	2	7	4	7	0.4	0.3
	North Ward	1	1	1	1	1	2	2	1	2	4	1	3	10	10	20	6	20	0.6	0.4
	Centre "	1	1	1	1	1	1	1	1	2	1	2	1	2	2	4	4	11	0.1	0.1
5	South "	1	1	2	1	1	2	2	2	2	1	2	1	2	2	12	14	14	0.1	0.6
	North Ward	1	2	1	3	1	1	1	1	1	1	1	1	6	3	9	1.3	6	0.9	0.7
	South "	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	6	0.1	0.2
6	North Ward	1	1	2	1	1	2	1	1	2	2	2	2	12	5	17	0.9	17	0.8	0.3
	Centre "	1	1	1	1	1	1	1	1	1	1	1	1	12	10	31	1.1	31	0.6	0.3
	South "	1	1	1	1	1	1	1	1	1	1	1	1	21	2	8	0.09	8	0.1	0.09
7	East Ward	1	1	1	2	1	1	1	1	1	1	1	1	6	8	14	0.4	14	0.5	0.4
	Centre "	1	1	1	1	1	1	1	1	1	1	1	1	6	8	14	0.4	14	0.5	0.4
	West "	1	1	2	2	1	2	1	1	1	1	1	1	5	3	8	0.4	8	0.4	0.4

APPENDIX V.

Annual Form No. XVII.—Deaths registered from *Other Causes* by Wards during each month of the year 1908.

Districts.	Wards.	3												4	5			6
		Months.													Ratio of deaths per 1,000 of Population.			
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.		Males.	Females.	Total.	
1	{ West Ward Centre " East "	10 11 12	19 27 27	19 31 33	13 23 23	19 23 24	15 23 23	25 27 27	26 27 27	27 27 27	31 33 33	17 109 105	24 109 105	185 580 210	144 556 287	279 1,146 477	169 261 189	17.9 27.7 16.5
2	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	406 270	415 191	821 466	212 161	21.1 20.8
3	{ East Ward Centre " West "	...	...	...	...	...	...	...	...	...	...	...	...	165 196	168 258	333 451	207 205	18.6 17.0
4	4th Division	...	...	...	...	...	...	...	...	...	...	...	...	232	201	433	184	18.6
5	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	879 214	317 221	1,196 436	202 176	18.7 17.8
6	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	95 131	103 144	198 278	213 198	20.1 19.8
7	{ North Ward Centre " South "	...	...	...	...	...	...	...	...	...	...	...	...	203 429	187 418	409 847	154 232	17.1 21.1
8	{ East Ward Centre " West "	...	...	...	...	...	...	...	...	...	...	...	...	287 220	273 175	560 386	217 175	21.9 21.1

Annual Form No. XVIII.—Comparing the Deaths from some of the *Principal Diseases* during the year with the Deaths during the preceding four years.

Year	Cholera.		Small-pox.		Measles.		Plague.		Malaria.		Enteric Fever.		Other Fevers.		Dysentery and Diarrhoea.		Tubercle including tubercle of lung.		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.	
1904	60	0.1	12	0.02	84	0.1	8	0.01	47	0.08	13	0.02	4,677	9.1	3,829	7.5	78	0.1	338	0.6	780	1.5	205	0.4	9,175	18.0	19,305	37.9
1905	2,634	7.3	329	0.6	267	0.5	22	0.04	818	1.6	52	0.1	4,086	8.0	3,913	13.5	105	0.2	892	1.6	601	1.1	148	0.3	12,213	23.9	30,090	59.0
1906	564	1.1	620	1.2	369	0.7	56	0.1	2,923	5.7	49	0.1	1,100	2.1	5,704	11.1	80	0.1	789	1.4	674	1.3	174	0.3	10,705	21.0	23,719	46.0
1907	601	1.3	49	0.06	121	0.2	3	0.005	2,640	5.1	42	0.08	1,646	3.2	4,166	8.7	53	0.1	611	1.2	526	1.0	142	0.2	9,578	18.8	20,638	40.5
Mean of the last four years.	1,219	2.4	252	0.4	206	0.4	23	0.04	1,608	3.1	39	0.07	2,877	5.6	5,223	10.2	88	0.1	636	1.2	645	1.2	187	0.3	10,417	20.4	23,437	46.0
1908	1,246	2.4	18	0.02	89	0.1	9	0.003	2,767	5.4	50	0.07	1,945	3.8	4,223	8.3	136	0.2	747	1.4	633	1.2	260	0.4	10,292	20.0	27,235	53.7

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												Total.
		January	February	March	April	May	June	July	August	September	October	November	December	
6	Cerebro-Spinal Meningitis	..	..	1	..	..	..	..	..	..	..	..	1	2
7	Cholera	..	..	30	7	17	4	51	435	441	77	80	9	1,216
10	Croup	..	..	..	2	..	..	..	..	..	..	..	..	2
11	Dysentery	..	..	239	207	159	165	201	288	376	227	280	189	2,772
18	Enteric Fever	..	..	2	9	8	3	1	..	4	9	..	1	36
14	Diarrhoea	..	..	118	139	118	120	126	183	149	103	78	71	1,452
15	Erysipelas	..	..	2	1	..	1	1	1	..	2	..	1	9
20	Gonorrhoea	..	..	..	..	..	..	..	..	..	..	..	..	1
22	Kala-Azar	..	..	5	2	5	8	8	5	4	2	2	3	44
23	Leprosy	..	..	13	4	13	2	8	9	8	7	7	2	96
25	Malarial Fever	..	..	5	8	6	7	5	4	4	3	3	4	47
..	" " and Spleen	..	..	1	..	..	1	..	..	1	..	..	..	3
..	" " Abscess Kidney	..	..	..	..	..	..	..	..	..	..	..	..	1
..	" " Dysentery	..	..	..	1	..	..	..	..	..	..	..	..	1
..	" " (a), (b) Intermittent	..	..	..	..	..	..	..	..	..	..	..	..	..
..	" " (c) Remittent	..	..	..	..	..	..	..	..	..	..	..	..	..
26	Typhe Malarial Fever	..	..	66	47	60	53	55	58	97	69	69	35	794
26	Measles	..	..	..	..	..	..	..	..	..	..	..	..	1
28	Mumps	..	..	13	18	11	3	1	6	6	4	5	8	82
31	Plague	..	..	..	1	..	..	2	..	..	..	..	..	3
32	Pneumonia	..	..	..	..	1	..	..	1	..	..	..	..	2
..	..	..	..	7	1	2	6	1	4	3	10	6	5	68

No. in the No. monopoliure of	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
33	Pneumonia Lobar	1	..	..	..	..	6	..	..	..	..	..	..	1
34	" Double	..	..	7	5	..	9	4	2	2	2	..	..	24
35	" with Pleurisy	..	..	..	..	..	..	1	1	..	..	..	..	3
36	Pysmia ..	..	..	..	..	..	1	..	..	..	..	..	..	1
37	Simple Contained Fever	108	131	143	140	148	131	167	238	224	201	165	114	1929
38	Fever ..	1	5	1	2	..	4	1	1	..	1	..	..	16
39	Hydrophobia ..	1	..	1	..	1	..	1	1	1	1	..	1	8
40	Relapsing Fever ..	..	..	..	..	1	..	..	..	..	..	..	..	1
41	Rheumatism ..	2	3	3	1	..	1	2	5	1	5	1	3	37
42	Septicemia ..	3	5	11	10	4	7	6	11	11	7	6	2	64
43	" Pauperal	3	1	7	5	6	3	5	2	2	5	..	..	39
44	Septic Fever ..	..	..	..	..	..	..	..	..	..	1	2	1	4
45	" Peritonitis...	..	1	1	..	..	..	1	..	..	..	..	..	3
46	" Thrombosis	..	..	..	..	..	..	..	..	..	1	..	..	1
47	" Pneumonia	..	..	1	..	..	..	..	..	..	1	..	..	2
48	Small-pox ..	3	3	3	..	1	..	..	1	..	..	1	1	16
49	Synpills ..	3	..	..	2	2	1	1	1	2	3	1	1	18
50	Tetanus ..	11	4	4	5	4	1	3	10	11	7	4	9	78
51	Tuberculosis ..	..	2	2	2	3	..	..	2	1	1	..	3	15
52	" Miliary	..	2	2	..	..	..	..	..	..	1	..	..	6
53	Tubercular Diarrhea	1	..	..	..	..	..	..	..	..	1	..	..	2
54	" Peritonitis	..	1	1	..	1	..	..	1	1	..	..	..	8
55	Meningitis	..	1	2	..	..	1	1	..	1	..	..	..	4

[illegible]

No. in the Nomenclature of Diseases.	CAUSES OF DEATH.												TOTAL.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Cancer	1	1	1	1	3	2	3	1	1	1	1	1	7
" of the Liver	1	1	1	1	1	1	1	1	1	1	1	1	3
" " Uterus	1	1	1	1	1	1	1	1	1	1	1	1	3
" " Cheek	1	1	1	1	1	1	1	1	1	1	1	1	6
" " Rectum	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Breast	1	1	1	1	1	1	1	1	1	1	1	1	2
" " Mouth	1	1	1	1	1	1	1	1	1	1	1	1	4
" " Tongue	1	1	1	1	1	1	1	1	1	1	1	1	4
" " Stomach	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Right Jaw	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Ovary	1	1	1	1	1	1	1	1	1	1	1	1	1
Ulcer (not specified)	1	1	1	1	1	1	1	1	1	1	1	1	9
" on the Face	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Chest	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Jaw	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Rib	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Left Hand	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Thigh	1	1	1	1	1	1	1	1	1	1	1	1	1
" " Right Leg	1	1	1	1	1	1	1	1	1	1	1	1	8
" " Left Leg	1	1	1	1	1	1	1	1	1	1	1	1	3
" " Foot	1	1	1	1	1	1	1	1	1	1	1	1	1
81 Cyst	1	1	1	1	1	1	1	1	1	1	1	1	6
82 Effects of Parasites, Worms	1	1	1	1	1	1	1	1	1	1	1	1	2

Certain Morbid Conditions Incident to Various parts—contd.

Certain Morbid conditions incident to Various Parts—contd.

No.	Diseases of the Nervous System.												TOTAL.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
85 Effects of Poisons	1	1	1	1	1	1	1	1	1	1	1	1	1
Acids and Acid Salts	1	1	1	1	1	1	1	1	1	1	1	1	1
4 Nitric Acid Poisoning	1	1	1	1	1	1	1	1	1	1	1	1	1
Organic Substances	1	1	1	1	1	1	1	1	1	1	1	1	1
2 Alcohol Poisoning	1	1	1	1	1	1	1	1	1	1	1	1	1
Vegetable Poisons	1	1	1	1	1	1	1	1	1	1	1	1	1
37 Opium poisoning	1	1	1	1	1	1	1	1	1	1	1	1	1
Animal Poisons	1	1	1	1	1	1	1	1	1	1	1	1	1
1 Venoms of:—(a) Snakes	1	1	1	1	1	1	1	1	1	1	1	1	1
1 Potent Poison	1	1	1	1	1	1	1	1	1	1	1	1	1
DISEASES OF THE SPINAL CORD AND MENINGES.	1	1	1	1	1	1	1	1	1	1	1	1	1
Membranes	1	1	1	1	1	1	1	1	1	1	1	1	1
88 Meningitis	1	1	1	1	1	1	1	1	1	1	1	1	8
Spinal Cord	1	1	1	1	1	1	1	1	1	1	1	1	1
89 Myelitis	1	1	1	1	1	1	1	1	1	1	1	1	4
DISEASES OF THE BRAIN AND ITS MEMBRANES.	1	1	1	1	1	1	1	1	1	1	1	1	1
Membranes	1	1	1	1	1	1	1	1	1	1	1	1	1
87 Septic Meningitis	1	1	1	1	1	1	1	1	1	1	1	1	1
Brain	1	1	1	1	1	1	1	1	1	1	1	1	1
100 Softening of the Brain	1	1	1	1	1	1	1	1	1	1	1	1	3
Cerebral Thrombosis	1	1	1	1	1	1	1	1	1	1	1	1	2
101 " Hemorrhage	1	1	1	1	1	1	1	1	1	1	1	1	19
102 Congestion of the Brain	1	1	1	1	1	1	1	1	1	1	1	1	3
104 Sclerosis	1	1	1	1	1	1	1	1	1	1	1	1	1
106 Hydrocephalus	1	1	1	1	1	1	1	1	1	1	1	1	1

APPENDIX V.

No. in the Nomenclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	<i>Nervous Disorders and Diseases of Undetermined Nature.</i>													
109	Aplexy " "	1	1	1	—	—	1	—	1	1	1	1	1	8
110	Paralysis " "	17	27	17	7	18	10	13	18	28	17	17	20	209
	" (a) Paraplegia " "	9	10	2	6	2	8	7	10	10	9	10	8	91
	" (b) Hemiplegia " "	18	9	7	8	10	2	6	19	8	11	11	10	117
	" (c) Monoplegia " "	—	1	1	—	—	—	—	—	—	—	—	—	2
	" (d) Local Paralysis " "	—	1	—	—	—	—	—	—	—	—	—	—	1
116	Cramp " "	—	1	—	—	1	—	—	—	—	—	—	—	2
123	Eclampsia " "	1	1	1	—	2	—	—	2	2	2	1	2	14
	" Infantile " "	297	258	255	247	254	243	221	347	381	347	323	276	3,450
	" Puerperal " "	6	7	4	5	9	5	5	8	6	3	6	3	67
124	Epilepsy " "	3	5	1	8	1	1	2	1	1	5	2	4	29
131	Neurægia " "	—	—	—	—	1	—	—	—	1	—	—	—	2
	<i>MENTAL DISEASES.</i>													
	<i>I. Errors of Development.</i>													
144	Idioty " "	—	—	—	—	—	—	1	—	—	—	—	—	1
	<i>II. Disorders of Function.</i>													
145	Mania Acute " "	2	—	1	1	—	1	1	1	3	—	1	2	13
	(A) Essential " "	—	—	—	—	1	—	—	—	—	—	—	—	1

[illegible]

APPENDIX V.

No. in the No-menclature of Diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
404	Diseases of the Trachea and Bronchi. Bronchitis (Acute) " Capillary	39 ..	26 ..	20 1	19 ..	19 ..	14 ..	17 ..	29 ..	29 3	30 ..	27 ..	27 ..	206 4
410	Diseases of the Lungs. Congestion of the Lungs	..	..	..	1	..	..	..	..	..	..	..	..	1
411	Hemoptysis	..	..	..	..	..	1	..	1	..	1	1	1	5
413	Broncho-Pneumonia	..	..	..	2	1	1	3	4	1	..	..	3	22
414	Abscess of the Lung	..	1	..	..	..	..	..	1	..	1	1	..	4
419	Phtisis	64	78	87	54	54	40	48	82	69	69	78	54	747
421	Emphysema	..	..	..	..	..	..	..	..	1	..	..	..	1
422	Atelectasis	..	..	..	..	..	1	1	..	..	1	1	1	5
423	Collapse due to Post Partum Hemorrhage	..	..	..	..	..	..	..	..	1	..	..	..	1
425	Diseases of the Pleura. Pleurisy " Chronic	2 ..		1 ..	1 1		1 ..	1 ..	1 ..				2 ..	9 1
426	Empyema	..	..	..	..	..	..	..	1	..	1	..	..	2
429	Pneumothorax	..	..	1	..	..	..	..	..	..	1	..	..	2
438	Diseases of the Mouth. Carcinoma Orls	..	2	2	..	..	..	1	..	1	2	..	1	9
440	Diseases of the Teeth, Alveoli and Gums. Disorders of Dentition Convulsion " Diarrhoea " Fever	1	1 2	.. 1 1 ..	.. 1 1 1	.. 2 2 1	.. 2 2 2	2 2 2	.. 1 1 ..	1 1 3 ..	2 3	.. 1	 1 ..	10 14 1

[illegible]

APPENDIX V.

No. in the No. of Dissection.	CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<i>Diseases of the Liver</i>														
588	Hepatitis	1	1	2	2	2	2	2	1	1	1	3	...	13
	" (a) Traumatic Abscess	1	1	...	1	1	...	2	1	1	1	...	1	15
<i>Diseases of the Liver. (Not specified)</i>														
571	Congestion of Liver	...	...	...	...	...	...	...	...	...	...	...	1	1
575	Jaundice	1	1	1	1	...	2	...	1	...	1	3	2	18
<i>Diseases of the Peritoneum.</i>														
586	Peritonitis	...	1	1	...	4	...	1	...	...	2	1	4	14
590	Ascites	78	80	77	89	89	51	50	77	104	78	87	49	858
	" due to Carcinoma of Liver	2	3	3	4	3	2	2	3	...	1	1	1	28
<i>Diseases of the Spleen.</i>														
592	Enlargement of Spleen	8	8	3	4	6	4	9	21	7	12	5	15	90
593	Hemorrhage due to Enlargement of Spleen	...	1	...	...	...	...	...	...	...	...	...	...	1
603	Rupture of Spleen	...	...	...	...	1	...	...	...	...	...	1	...	3
<i>Diseases of the Lymphatic Glands.</i>														
605	Bubo	...	...	...	...	...	...	...	1	...	...	...	...	1
<i>Diseases of the Kidney.</i>														
651	Nephritis Acute	3	...	3	3	...	...	...	1	3	1	1	3	17
	Renal Dropsy	...	1	1	...	...	1	...	1	...	...	1	...	5
652	Bright's Disease	2	1	6	3	3	6	2	3	4	8	6	5	46

DISEASES OF THE MALE ORGANS OF GENERATION.		DISEASES OF THE FEMALE ORGANS OF GENERATION.	
655	Disease of Kidney Pyelitis	655	Disease of Kidney Pyelitis
674	Urinary Fistula	674	Urinary Fistula
676	Cystitis	676	Cystitis
687	Vesical Calculus	687	Vesical Calculus
689	Retention of Urine	689	Retention of Urine
692	Suppression of Urine	692	Suppression of Urine
697	Albuminuria	697	Albuminuria
	Uremia		Uremia
	Uremia and Blood Poisoning		Uremia and Blood Poisoning
	Uremic Coma		Uremic Coma
DISEASES OF THE MALE ORGANS OF GENERATION.		DISEASES OF THE FEMALE ORGANS OF GENERATION.	
712	Stricture of Urethra	712	Stricture of Urethra
715	Extravasation of Urine	715	Extravasation of Urine
742	Sloughing Ulcer, Scrotum	742	Sloughing Ulcer, Scrotum
757	Inflammation (1) Orchitis	757	Inflammation (1) Orchitis
768	Inflammation (2) Epididymitis	768	Inflammation (2) Epididymitis
DISEASES OF THE MALE ORGANS OF GENERATION.		DISEASES OF THE FEMALE ORGANS OF GENERATION.	
712	Stricture of Urethra	712	Stricture of Urethra
715	Extravasation of Urine	715	Extravasation of Urine
742	Sloughing Ulcer, Scrotum	742	Sloughing Ulcer, Scrotum
757	Inflammation (1) Orchitis	757	Inflammation (1) Orchitis
768	Inflammation (2) Epididymitis	768	Inflammation (2) Epididymitis

APPENDIX V.

No. in the Nomenclature of diseases.	CAUSES OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	<i>Functional and Symptomatic Disorders of the Female Organs of Generation</i>													
817	Amenorrhœa ..	..	..	1	..	..	..	1	..	..	..	..	..	2
830	Dysmenorrhœa ..	..	..	..	..	..	..	..	1	..	..	..	..	1
821	Menorrhagia ..	1	1	..	..	..	..	..	..	1	..	..	..	3
	<i>Affections Connected with Pregnancy.</i>													
884	Abortion ..	..	..	1	..	1	..	1	..	1	1	..	1	6
898	Ectopic Gestation (a) Extra-uterine Gestation ..	1	..	..	..	..	..	..	..	..	..	..	..	1
	<i>Affections connected with Parturition.</i>													
843	Rupture of the Uterus ..	..	..	..	2	..	2	..	1	..	..	..	1	7
848	Placenta Prævia ..	..	..	..	..	2	..	..	..	1	..	1	..	4
849	Still-birth ..	..	..	50	65	54	81	82	64	71	84	56	77	730
852	Premature Birth ..	..	..	56	42	51	47	52	78	89	99	81	97	868
	Difficult Labour ..	..	6	2	2	3	1	1	3	3	1	..	..	21
	Child Birth ..	..	..	2	..	..	1	2	1	6	2	2	2	19
	<i>Affections Consequent on Parturition.</i>													
855	Post-partum Hæmorrhage ..	..	..	1	..	1	..	..	..	..	..	..	..	2
855	Puerperal Causes :—													
	" Tetanus ..	..	6	8	6	8	21	17	13	12	16	12	12	185
	" Delirium ..	..	2	3	5	2	1	3	3	2	6	8	9	47

Afections Consequent on Parturition. - contd.		Diseases of the Organs of Locomotion.	
870	Peritonitis	...	...
	Dropsy	...	...
	Mammary	...	...
	Effusion	...	...
	Neuritis	...	...
	Sudden death after Delivery	...	...
	(a) Exhaustion after Child Birth from Anæmia	...	...
<i>Diseases of the Bones (Exclusive of the Spine).</i>			
888	Necrosis of the Femur	...	...
<i>Diseases of the Joints (Exclusive of the Spine).</i>			
903	Arthritis	...	...
	Suppuration (Knee)	...	...
	" (Knee joint)	...	...
904	Fibrous Ankylosis	...	...
908	Dislocation of Joint	...	...
<i>Diseases of the Spine.</i>			
916	Caries Spine	...	...
918	Abscess Lambar	...	...
919	Posterior Curvature	...	...
<i>Diseases of the Connective Tissue.</i>			
963	Cellulitis	...	...
	" Serotum	...	...
	" of the Face	...	...
	" Arm	...	...
	" Neck	...	...
	" Foot and Leg	...	...

APPENDIX V.

No. in the No. mortality of Disease.	Disease or the Connective Tissue	CAUSES OF DEATH.												Total.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
989	Abscess (not specified)	4	4	1	1	3	3	2	3	4	2	3	2	32
"	" of the Thigh	1	...	2	1	1	1	3	3	2	1	...	1	21
"	" " Back	...	...	...	...	...	...	1	...	...	...	...	...	1
"	" " Palm of the Left Hand	1	...	...	...	...	...	...	...	...	...	...	...	1
"	" " Foot	...	...	...	...	...	...	1	...	...	...	...	...	1
"	" " Right Foot	...	...	...	...	...	...	2	...	...	...	...	...	1
"	" " Toe	...	...	...	1	...	...	...	...	...	...	...	...	2
"	" " on the Head	...	1	...	...	2	...	...	2	...	...	1	...	1
"	" " Right Leg	2	...	...	1	...	...	...	1	...	...	...	...	8
"	" " Hand	...	...	...	...	...	1	...	...	...	...	...	...	4
"	" " Elbow	...	...	...	...	...	1	...	...	...	...	...	...	1
"	" " Arm	...	...	...	...	...	1	...	...	...	...	...	...	1
"	" " Cheek	...	...	...	...	...	...	...	...	...	...	...	1	1
"	" " Hip	...	1	...	...	...	...	...	...	...	...	...	...	1
"	" " Breast	...	...	...	...	...	...	1	...	2	...	...	...	3
"	" " Belly	...	...	...	1	...	...	...	...	...	...	...	...	1
"	" " Right Hip	...	...	...	...	...	...	...	1	...	...	...	...	1
"	" " Infrascapular	1	...	...	...	...	...	...	...	...	...	...	...	1
991	Gangrene of the Feet	...	1	...	...	...	...	...	...	...	1	...	...	2
"	" " Left Leg	...	...	...	...	...	...	...	...	...	2	...	...	2
"	" " Fore Arm	...	...	...	...	...	1	...	...	...	...	...	...	2

Diseases of the Skin		Diseases of the Skin														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
963	Eczema	1														
966	Carbuncle	1	3	4	1	2	11	2	4	3	2	1	1	2	2	1
972	Pemphigus															
Ill-defined and non-Specific Cancers																
	Debility	34	48	61	52	58	37	50	56	44	42	56	44			362
	Old age	132	103	108	71	103	73	99	110	148	114	117	115			1,294
	Chest Pain	2	1				3				1	1				8
	Erectile				1					1						2
	Natural Causes			3			1						1			5
	Unknown						1		1	3						5
	Exhaustion from Venereal Diseases			1	1											3
General Injuries																
1025	Effects of Heat															
	(a) Burns and Scalds	2	7	4	2		3		4	1	1	3	4			31
	(c) Sun Stroke	1														1
1030	Suffocation		1		1		1					2	1			7
	By Drowning, Accidental	2	5	5	9	2	11	6	4	4	13	7	6			74
	" " Suicidal	1	2		4		1			2	2					12
	" " by Hanging				1				2		1					4
	" " Homicide (Murder)						1									1
1031	Starvation	2	4	3	5	1	3	3	4	4	2	2				85
1032	Shock	1		1			2	2			1					7
	due to Rupture of Uterus								1							1
	" " the result of Extensive Burns	1	1					1					2			6
	" " Multiple Injuries							1		1			1			3
	" " Hemorrhage	2			2							1				5

CAUSES OF DEATH.													No. in the Nomenclature of Diseases.
INJURIES TO STRUCTURES OR TISSUES. <i>Injuries of Nervous System.</i> <i>Injuries of Anatomical Regions.</i>													
1083	Wound	...	...	...	...	...	...	...	...	...	...	...	6
1092	Fracture of base of Skull	...	...	...	...	...	...	...	...	...	...	...	8
	of the Skull	...	...	...	...	...	...	...	...	...	...	...	2
1096	Concussion of the Brain	...	...	...	...	...	...	...	...	...	...	...	6
1098	Compression of the Brain	...	...	...	...	...	...	...	...	...	...	...	1
1148	Wound of the Pericere	...	...	...	...	...	...	...	...	...	...	...	2
1149	Penetrating Wound of Pleura	...	...	...	...	...	...	...	...	...	...	...	2
1151	Foreign body in Oesophagus	...	...	...	...	...	...	...	...	...	...	...	1
1165	Gun Shot Wound	...	...	...	...	...	...	...	...	...	...	...	2
1166	Multiple Injury	...	...	...	...	...	...	...	...	...	...	...	13
1166	Injuries on the Chest	...	...	...	...	...	...	...	...	...	...	...	1
1160	Fracture of the Spine	...	...	...	...	...	...	...	...	...	...	...	2
1166	Injury in the Abdomen	...	...	...	...	...	...	...	...	...	...	...	1
1173	Rupture of the Liver (accidentally)	...	...	...	...	...	...	...	...	...	...	...	2
1201	Fracture of the Humerus	...	...	...	...	...	...	...	...	...	...	...	1
227	Fracture of Femur	...	...	...	...	...	...	...	...	...	...	...	1
1231	Compounded Fracture both bones of leg	...	...	...	...	...	...	...	...	...	...	...	2

Annual Form No. XX.—Showing Particulars of Vaccination during the year ending 31st December 1908.

Number.	Wards or Districts.	Population.	Number of Depots in each District.	Number of Vaccinators in each District.	Total Number of Persons Vaccinated.			Average Number of Persons Vaccinated by each Vaccinator.	Primary Vaccination.							Re-vaccination.	Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of Population.	Number.	Ratio per 1,000 of Population.	Number.	Ratio per 1,000 of Population.	Average cost of each successful vaccination.
					Males.	Females.	Total.		Successful.				Total.	Under one year.	One year and under six.		Six years and above.	Unknown.						
1	1st Div. E. Ward.	26,851	1	1	704	593	1,296	682	565	1,247	976	245	39	27	9	88.28	90.00	48.59	2,017	76.02	13	0.5		
2	2nd " C. Do.	41,851	1	1	1,693	612	1,805	929	806	1,735	1,835	298	61	43	43	99.94	51.69	42.22	1,828	43.68	81	0.7		
3	3rd " W. Do.	16,464	1	1	577	476	1,052	516	459	974	727	211	83	18	18	99.90	41.25	90.96	863	51.84	6	0.8		
4	4th " E. Do.	17,850	1	1	1,104	816	1,920	685	801	1,486	1,041	400	24	17	17	99.73	73.18	103.77	1,620	90.78	9	0.6		
5	5th " O. Do.	17,857	1	1	639	412	1,051	404	361	765	324	209	7	14	14	98.54	76.80	55.25	483	27.51	12	0.7		
6	6th " W. Do.	26,560	1	1	173	106	279	48	71	114	66	39	5	5	5	114	165	116	375	14.12	14	0.5		
7	7th " N. Do.	28,403	1	1	1,169	933	2,102	896	822	1,718	1,380	262	7	33	33	1,622	862	251	1,524	39.68	21	0.6		
8	8th " C. Do.	28,698	1	1	718	691	1,409	569	664	1,233	946	174	3	30	30	99.91	88.79	46.64	1,200	41.86	7	0.3		
9	9th " S. Do.	22,304	1	1	418	381	799	376	387	763	666	139	2	14	14	99.96	86.89	23.72	681	30.53	8	0.3		
10	10th " Do.	23,238	1	1	1,149	755	1,904	790	716	1,446	1,133	265	2	4	4	1,444	427	277	1,079	46.46	4	0.1		
11	11th " N. Do.	27,106	2	2	1,178	1,019	2,197	1,046	961	2,008	1,613	387	4	5	5	2,009	188	149	1,870	50.89	11	0.7		
12	12th " O. Do.	26,990	1	1	1,689	1,010	2,699	1,445	942	2,387	1,735	639	5	5	5	2,384	262	196	1,951	72.86	6	0.3		
13	13th " S. Do.	21,954	1	1	564	465	1,029	440	437	877	786	80	2	4	4	876	162	90	1,310	59.67	9	0.4		
14	14th " N. Do.	9,546	1	1	680	578	1,258	358	413	771	677	167	11	7	7	762	457	126	742	77.73	1	0.1		
15	15th " S. Do.	14,297	1	1	668	461	1,129	447	438	885	710	166	2	9	9	890	149	110	326	67.77	1	0.1		
16	16th " N. Do.	29,624	1	1	746	625	1,371	617	507	1,124	944	24	2	2	2	1,021	247	168	1,808	67.90	10	0.8		
17	17th " C. Do.	35,779	1	1	906	851	1,757	727	820	1,547	1,117	365	20	16	16	1,639	210	168	1,698	46.50	10	0.8		
18	18th " S. Do.	31,451	1	1	690	597	1,287	495	678	1,173	779	271	7	10	10	1,067	119	61	1,800	41.33	10	0.8		
19	19th " E. Do.	29,787	1	1	712	662	1,374	638	653	1,291	986	148	8	16	16	1,160	99	67	1,455	54.32	6	0.2		
20	20th " S. Do.	20,125	1	1	478	361	839	402	346	748	616	120	6	5	5	744	91	43	846	42.04	8	0.1		
Total...		609,346	10	20	15,749	12,372	28,121	13,066	11,506	24,572	18,631	4,610	140	287	23,308	4,284	2,681	667	28,489	50.66	203	0.3		

Annus Eight and Dies Six.

Annus Eight and Dies Six.

Annual Form No. XXI.—Statement showing Births registered during the official year 1907-08 and Vaccination of Infants under one year of age.

Number.	Wards or Districts.	Total births excluding still-born.	Still-Born.	Deaths under one Year.	Number of infants surviving.	Number of infants vaccinated under one year.	Percentage of vaccination to births registered.
1	2	3	4	5	6	7	8
1	1st Division.	1,136	4	314	822	526	46.14
2	2nd Do.	1,116	10	316	800	518	46.41
3	3rd Do.	637	7	159	478	297	46.11
4	4th Do.	1,090	46	263	827	456	40.91
5	5th Do.	589	37	151	438	241	39.49
6	6th Do.	56	2	11	45	29	48.27
7	7th Do.	1,841	45	388	953	701	50.57
8	8th Do.	799	23	239	560	438	53.29
9	9th Do.	685	27	198	437	333	50.80
10	10th Do.	744	12	163	611	506	64.37
11	11th Do.	1,391	30	366	1,025	868	61.08
12	12th Do.	955	29	205	715	633	64.32
13	13th Do.	646	16	135	511	397	59.96
14	14th Do.	322	4	63	259	192	58.89
15	15th Do.	467	8	83	384	278	59.52
16	16th Do.	917	34	194	723	615	64.66
17	17th Do.	1,360	38	276	1,084	812	58.08
18	18th Do.	986	34	198	788	574	56.27
19	19th Do.	1,194	26	250	922	722	59.18
20	20th Do.	609	16	127	449	377	60.32

Annual Form No. XXII.—Statement showing the Particulars of Primary Vaccination with different kinds of Lymph during the official year 1908-09.

	Total number of operations.	Successful.	Unknown.	Percentage of success.
1	2	3	4	5
1. Calf Lymph	7,158	7,109	40	99.87
2. Glycerine Lymph	16,530	16,189	291	99.69
3. Lanoline Lymph	119	118	1	100.00
4. Human Lymph	...	...	...	...

Annual Form No. XXIII.—Statement showing the Number of Prosecutions instituted in the Vaccination Department during the official year 1908-09.

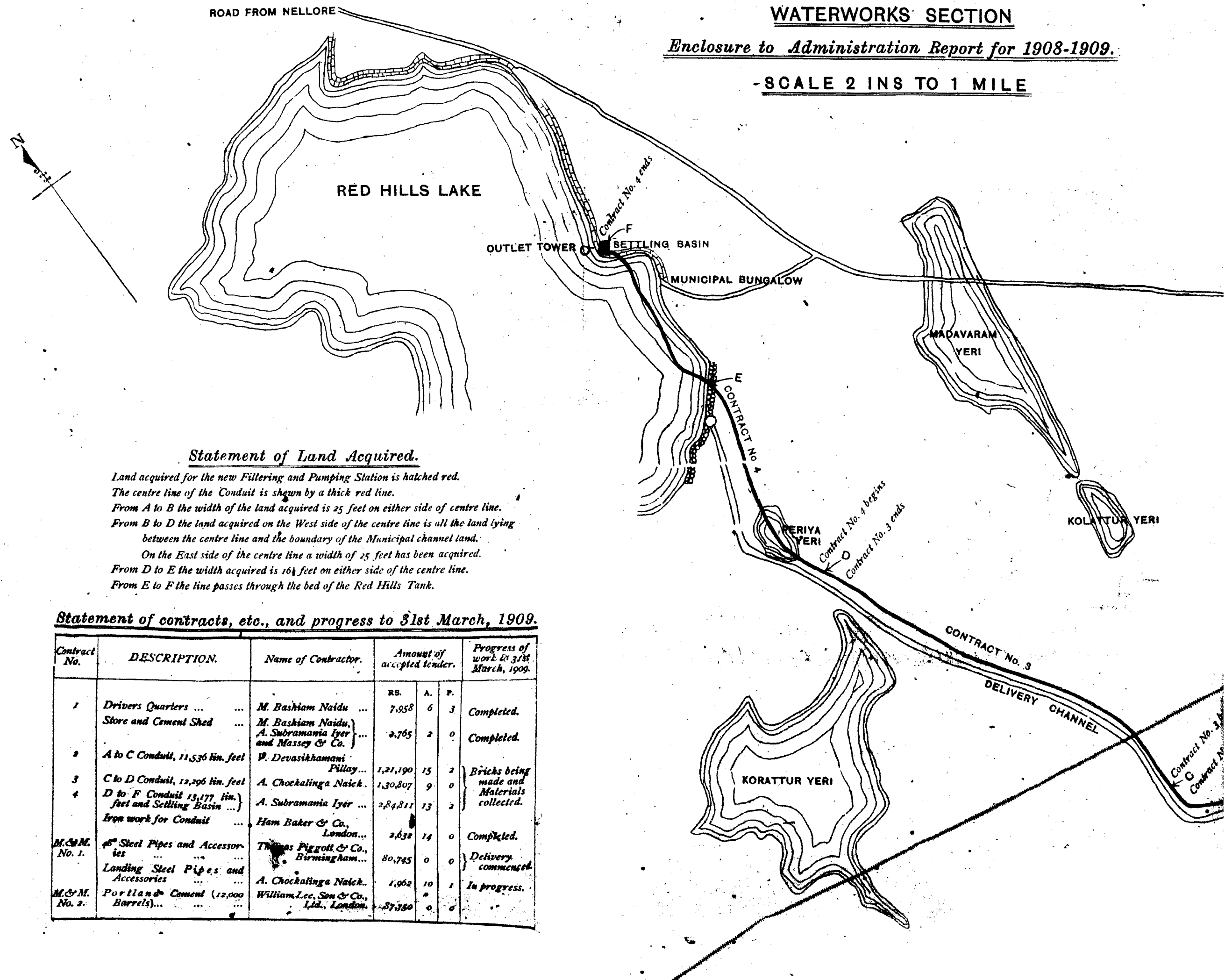
Number of section of Act.	Nature of charge.	Number of cases instituted.	Number discharged.	Otherwise.	Number convicted.	Total fine inflicted.
1	2	3	4	5	6	7
Under Section 409 of Act No. III of 1904.	(1) For not bringing children to be vaccinated after notice.	93	...	...	93	Rs. A. P. 76 8 0
	(2) For not bringing children for verification.	87	...	...	87	45 0 0

MADRAS CORPORATION SPECIAL WORKS DEPARTMENT

WATERWORKS SECTION

Enclosure to Administration Report for 1908-1909.

-SCALE 2 INS TO 1 MILE

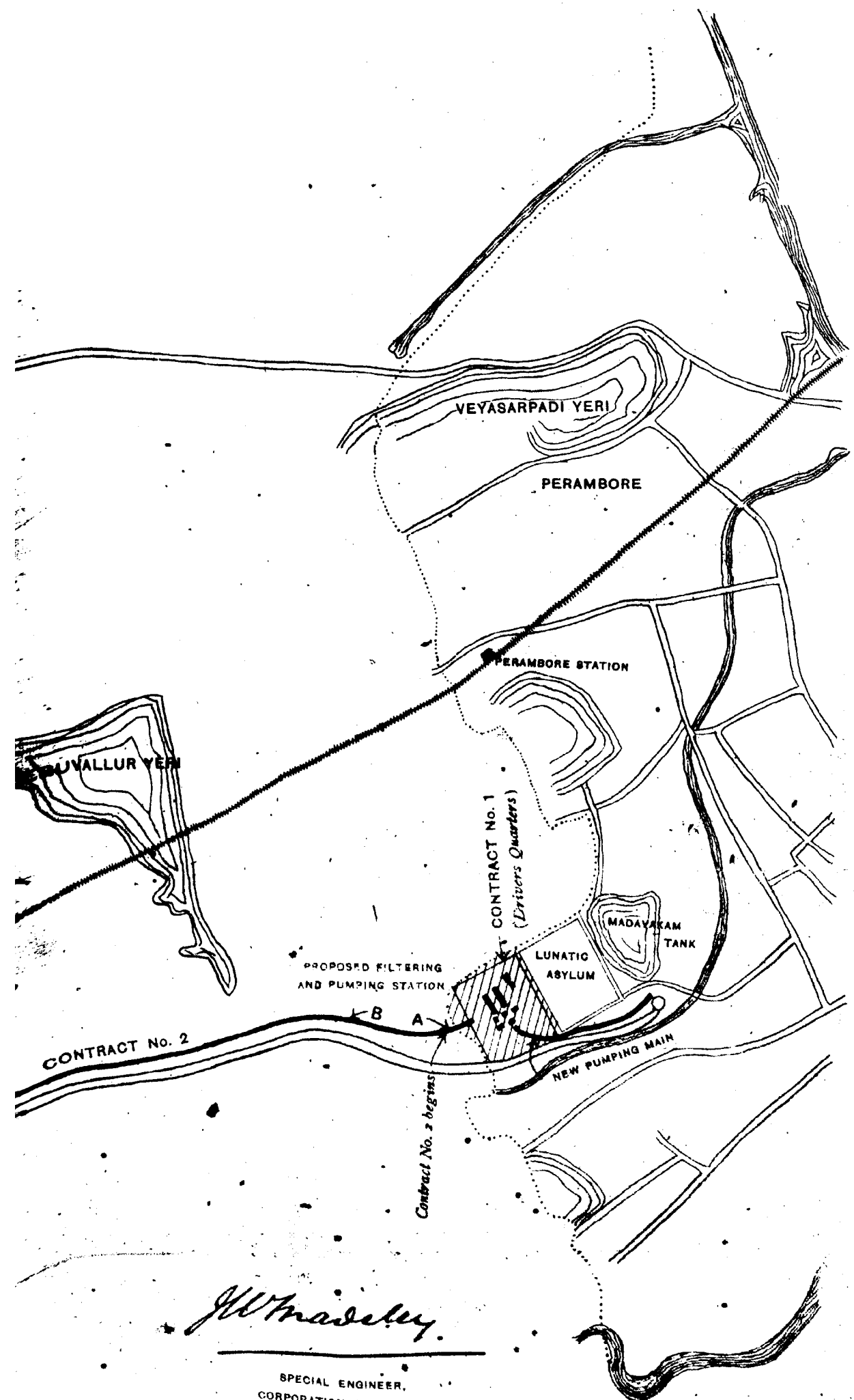


Statement of Land Acquired.

Land acquired for the new Filtering and Pumping Station is hatched red.
 The centre line of the Conduit is shown by a thick red line.
 From A to B the width of the land acquired is 25 feet on either side of centre line.
 From B to D the land acquired on the West side of the centre line is all the land lying between the centre line and the boundary of the Municipal channel land.
 On the East side of the centre line a width of 25 feet has been acquired.
 From D to E the width acquired is 16½ feet on either side of the centre line.
 From E to F the line passes through the bed of the Red Hills Tank.

Statement of contracts, etc., and progress to 31st March, 1909.

Contract No.	DESCRIPTION.	Name of Contractor.	Amount of accepted tender.			Progress of work to 31st March, 1909.
			RS.	A.	P.	
1	Drivers Quarters ...	M. Bashiam Naidu ...	7,958	6	3	Completed.
	Store and Cement Shed ...	M. Bashiam Naidu, A. Subramania Iyer and Massey & Co. ...	2,765	2	0	Completed.
2	A to C Conduit, 11,536 lin. feet	P. Devasikhamani Pillay ...	1,21,190	15	2	Bricks being made and Materials collected.
3	C to D Conduit, 12,296 lin. feet	A. Chockalinga Naick ...	1,30,807	9	0	
4	D to F Conduit 13,177 lin. feet and Settling Basin ...	A. Subramania Iyer ...	2,84,811	13	2	Completed.
	Iron work for Conduit ...	Ham Baker & Co., London ...	2,632	14	0	
M.C.M. No. 1.	48" Steel Pipes and Accessories ...	Thomas Piggott & Co., Birmingham ...	80,745	0	0	Delivery commenced.
	Landing Steel Pipes and Accessories ...	A. Chockalinga Naick ...	1,062	10	1	In progress.
M.C.M. No. 2.	Portland Cement (12,000 Barrels) ...	William Lee, Son & Co., Ltd., London ...	87,350	0	0	



J. W. Madley

SPECIAL ENGINEER,
CORPORATION OF MADRAS.

Government of Madras.
LOCAL AND MUNICIPAL DEPARTMENT.

Recd.

Regd.

} 1909.

Enclosures

Spare copies

G.O., &c., Nos. 2084, 2085 M., 20th December 1909.

Administration Report.

Reviewing the — of the Corporation of Madras for 1908-1909

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

I

Letter—from E. S. LLOYD, Esq., I.C.S., President, Corporation of Madras.
To—the Secretary to Government, Local and Municipal Department.
Dated—the 8th September 1909.
No.—G. 1171.

In accordance with the provisions of section 30, Act III of 1904, I have the honour to submit herewith the administration report for the year 1908-1909.

2. The report was laid before the Corporation at a special meeting held on 24th August 1909 and was discussed at this and two adjourned meetings held on 30th August and 2nd September 1909, respectively. The following resolution was passed :—

"The Commissioners note with satisfaction the increase in the Revenues of the Corporation but they are of opinion that more revenue could have been derived under 'Miscellaneous' sources, had certain provisions of the Municipal Act been more carefully followed. The Commissioners, however, regret that no sanitary progress of any importance was made during the year under report, and they look to better results in the working of the Health Department during the current year.

"The Commissioners further view with apprehension the President's report on the existing special drainage works and they request that the Government will be pleased to give their early and earnest attention to this part of the report and decide the course to be adopted in the future carrying out of the drainage scheme.

"The President be requested to forward to the Government, along with his administration report, the remarks of the Commissioners thereon."

3. The remarks of the Commissioners contained in the full proceedings of the three meetings above referred to will be sent as soon as issued from the press as also the remaining 24 copies of the report.

II

Letter—from E. S. LLOYD, Esq., I.C.S., President, Corporation of Madras.
To—the Secretary to Government, Local and Municipal Department.
Dated—the 10th September 1909.
No.—G. 1188.

As promised in paragraph 3 of my letter G. No. 1171, dated 8th September 1909, I have the honour to forward herewith 24 copies of the administration report of this Corporation for 1908-1909.

Order—No. 2084 M., dated 20th December 1909.

With his letter G. No. 1171, dated 8th September 1909, the President of the Corporation of Madras submits his administration report for 1908-1909.

2. The total receipts and charges of the year amounted to Rs. 26,89,038 and Rs. 23,06,523, respectively, against Rs. 25,99,808 and Rs. 18,96,939 in 1907-1908; the increase in the receipts occurring mainly under income from taxation, and that in the charges under public works and sanitation. There was a fall of Rupees 4,77,570 under grants and contributions from Government, but this was mostly counterbalanced by the loan of Rs. 4,00,000 taken during the year.

3. *Receipts—Taxation.*—The total receipts from taxation amounted to Rupees 15,78,493, against Rs. 13,91,670 in 1907-1908, the increase being spread over all the items of taxation with the exception of tolls, but appearing mainly under the tax on buildings and lands, the water and drainage tax and the tax on arts, owing chiefly to the collection of arrears. The net current demand under all the heads of taxation showed an increase which amounted in the aggregate to Rs. 62,340. This increase was particularly noticeable under the property taxes, and was attributable to the general revision of assessments in four divisions and to their enhancement in particular cases in the others. It is noted that almost the whole of the advance in the demand of the tax in respect of buildings appeared under those assessed at Rs. 30 and upwards and that the increase in the number of such buildings amounted to 36.9 per cent. of the total rise in the number of houses assessed. Sustained effort in the matter of the revision of assessments on the higher classes of houses seems desirable, especially in view of the reproach that has been levelled against this branch of the administration that poorer houses are over-assessed and richer houses are not fully assessed.

The increase in the demand of the tax on arts, in spite of the fall contemplated in paragraph 30 of the administration report for 1907-1908 owing to the operation of a decision of the High Court, is also noted with satisfaction. A statement showing the details of assesses under each class of the schedule relating to this tax would have formed a useful appendix to the report. In paragraph 50 of the report, it is pointed out that the tax leviable on a motor-car (Rs. 15 per half-year) is as low as that imposed on a four-wheeled vehicle with springs drawn by a single horse and the horse harnessed to it, and that the further extension of the use of motor-vehicles may lead to an appreciable loss of revenue to the Corporation, if the tax on such vehicles is not increased. The matter should form the subject of a separate communication after consultation by the Corporation.

There was a marked and gratifying improvement in the collection of taxes. The current collections under all heads of taxation were good, the percentages of those under taxes on arts and vehicles and animals being the highest on record. The realizations of arrears also improved and were satisfactory. As a result of the systematic investigation conducted and of the special efforts made to adjust old arrears, a sum of Rs. 8,227 was written off during the year as irrecoverable. This heavy loss to the Corporation has been caused mainly by neglect in the past to collect the municipal dues promptly. The total outstandings—current and arrears—under the various items shown in statements IV-A and IV-B were thus reduced from Rs. 1,70,616 at the end of 1907-1908 to Rs. 72,306 at the close of the year under review. Of this amount Rs. 42,998 is reported to have been adjusted since the close of the year. It is hoped that the special efforts now made will be continued and that the balance of Rs. 29,308 will be completely wiped off before the close of the current year.

4. *Other receipts.*—These amounted to Rs. 11,10,545 against Rs. 12,08,138 in 1907-1908, the decrease occurring chiefly under grants and contributions from Government and fees other than license fees. The decrease in these cases was however partly counterbalanced by increases under loans and rent of lands and buildings. Out of the arrears of fees for occupation of municipal lands amounting to Rs. 3,717, a large sum of Rs. 2,996 was written off. It is stated that items of this nature tend to become irrecoverable, if they are not collected within the quarter or month to which they relate, but as pointed out in paragraph 2 of G.O., No. 2390 M., dated 27th November 1907, this only emphasises the need for very prompt realization of such revenues and perhaps for their collection in advance in some cases. It is, however, observed that there was some improvement during the year in the collection of the current dues, 92.5 per cent. of the demand having been realized against 87.6 in 1907-1908; and the President hopes that the further efforts which are being made towards ensuring the accuracy of the lists of encroachments will yield satisfactory results in future. The fees for the slaughtering of animals for food declined considerably owing partly to the failure of the Corporation to recover the dues for the period of the strike in the year 1906-1907. The right of collecting rents and fees for the slaughter-houses for 1909-1910 had to be sold for an aggregate sum of

only Rs. 68,361 against Rs. 74,030 for the year under report and Rs. 90,254 for 1907-1908. This continued fall in the income from this important source of revenue, which has been specially marked as one of the means for financing the costly scheme of water-supply, is not encouraging and special efforts should be made to prevent it. The income from fees for import of timber and firewood also showed a heavy falling off as compared with the previous year, owing to the absence of the exceptionally heavy imports by sea which took place in that year. It is however pointed out that the income during the year was greater than that of any other past year. Proposals for the provision of larger superior control over the work of the Municipal staff submitted by the Corporation at the instance of the Revenue Officer having now been sanctioned, it is hoped that the income from this source will be materially improved in future.

A decrease was also noticeable in the quantity of water used for non-domestic purposes and consequently in the recovery on account of it. The income from the sewage farm was, however, greater than in the previous year.

5. *Indebtedness.*—On the 31st March 1909, the total indebtedness of the Corporation deducting the amount to the credit of sinking funds was Rs. 49,31,056 and amounted to Rs. 9-10-11 per head of the population according to the census of 1901 and 312-4 per cent. of the income from taxation.

6. *Communications.*—The new bridge at the mouth of the Cooum at an estimated cost of Rs. 3 lakhs was under execution by the Public Works department. The only other new work of any importance undertaken during the year was the construction of a bridge at the junction of Subroya Chetti, 4th lane, and Connoor Road at a cost of Rs. 4,000. The Poonamallee High Road at its junction with the Sydenham's Road was widened at a large outlay of Rs. 9,222. Owing chiefly to the difficulty experienced in procuring laterite, only 1 furlong and 178 yards of unmetalled roads were for the first time metalled against one mile and one furlong in the previous year. The area of roadway reformed was much the same as the previous year, being equivalent to 38-65 miles of road 40 feet wide against 38-46 miles. The cost per mile, exclusive of the cost of rolling, rose, however, from Rs. 3,954 to Rs. 4,307 in consequence of the more extended use of granite and of the fact that more roads were laid with a thicker layer of metal. As much as Rs. 62,726 or 22 per cent. of the allotment in the revised estimate for repairs of communications was allowed to lapse during the year; but in paragraph 103 of his report the President explains that the actual amount that could have been prevented from lapsing was only Rs. 33,707, of which, however, Rs. 12,757 represented savings in estimates, and that the failure to work up to the revised estimate was due principally to the difficulty in getting laterite from the laterite contractor. Complaints against the unsatisfactory condition of the roads in the City continue to be frequent, and the failure of the laterite contractor cannot be accepted as an altogether valid excuse. If the contractor failed to observe the terms of his agreement, the remedy was in the hands of the Corporation authorities themselves; the penal provisions of the contract should have been enforced or other arrangements made to ensure a regular supply. This matter needs close attention.

7. *Buildings.*—The model paracherri at Tondiyarpet and the sheep slaughter-house at Perambur were completed during the year, the total outlay on them being Rs. 37,359 and Rs. 52,635 respectively. The other important works executed were the construction of an office for the Mechanical engineer at the Corporation workshop (Rs. 4,854) and the reconstruction of the retaining wall of the Trevelyan Basin (Rs. 7,975). The conservancy depots were also considerably improved during the year. Plans and estimates for the improvement of the Royapettah hospital having been sanctioned only towards the close of the year, the work could not be put in hand, while the construction of the contagious diseases hospital had to be deferred as the site therefor was not handed over to the Corporation within the year. Nor could a beginning be made of the construction of the new Corporation office, the plans and estimates for it amounting to Rs. 4,63,192 having been sanctioned only just before the close of the year. An expenditure of Rs. 10,000 was, however, incurred on this work, apparently for the collection of materials, and it is stated that the bricks required are under manufacture.

8. *Drainage and water-supply schemes.*—The new water-supply and drainage works continued to be in charge of the Special Engineer. In the drainage section, he was engaged mainly on investigations, preparation of plans and estimates and the execution of a few urgent works, the most important of which were the connecting main between the existing pumping station at Ráyapuram and the proposed Law College pumping station and a sewer in the Mount Road from Woods Road up to the premises of Messrs. Maclure & Co. The former work formed a portion of the drainage works calculated to remove the nuisance caused by Kelly's drain, and the latter work was undertaken as an urgent measure to remedy the evil caused by the soaking of sewage into both sides of this portion of the Mount Road, the existing drains having fallen into disrepair. The revised plans and specifications for the pumping plant and other accessories required for the pumping stations at Ráyapuram and Law College were prepared and approved during the year and the contract for the supply of the plant given out since its close. A scheme for the drainage of Tondiyarpet, on principles applicable to all future drainage works to be carried out in Madras, was also prepared: it is now under the consideration of Government. The investigations made by the Special Engineer, especially in the Triplicane, Periamet and Mylapore sections, showed that the whole existing underground drainage system is in a most unsatisfactory condition. Short of relaying the existing sewers with satisfactory gradients, which would cost a very large sum of money, arrangements are being made for improving the pumping plant, excluding silt and storm water from the sewers and introducing regular flushing and an efficient system of cleaning. Thus the stage of active constructional work in respect of the new drainage has not yet been reached. It is hoped that, when orders are passed on the Tondiyarpet drainage scheme, a definite move in this direction will be made and that steps will be taken to carry out the works as expeditiously as possible. The question of the future course of the drainage scheme will be settled at the same time.

The water-works section has, however, been in more active progress. Contracts have been given for the construction of the conduits and the settling basin and work is now in progress. The construction of the filter beds and reservoirs and connected works in Kilpauk division has yet to be undertaken. The plans and estimates connected with the water-supply distribution system prepared by Mr. Nowroji were revised by the Special Engineer and they are now under scrutiny in the Public Works department.

It is noted that steps are being taken to make provision for the disposal of storm water as advised by Government in the reviews of previous reports.

9. *Sanitation.*—As observed in previous years, the want of proper drainage in a large portion of the City, coupled with a very deficient water-supply, continues to be a most serious sanitary defect and constitutes a standing menace to the public health. Other subjects calling for immediate attention are set forth in paragraph 197 of the report, e.g., town planning, the housing of the poor, removal of congestion, prevention of wet cultivation within municipal limits, proper disposal of refuse and filth, control of food supply and the filling up of insanitary wells and tanks. The sanitary improvements made during the year are dealt with in paragraph 198, and these constitute but a fraction of what yet remains to be done. A beginning was made during the year in the matter of opening up congested areas, and a special officer was appointed to acquire the lands selected. A total sum of Rs. 27,043 was incurred on acquisition before the close of the year, out of a provision of Rupees 40,000. The model paracherri at Tondiyarpet was completed, and additional dwellings for the poor in other localities are under construction. No doubt owing to financial difficulties it may not be possible to undertake work in this direction on a very extensive scale immediately; but as the low-lying hutting grounds in Madras are centres from which much disease is spread, the provision of improved accommodation for the people inhabiting these hovels should be prominently kept in view.

The Spur tank was drained during the year and the cultivable swamps around it rendered dry. The opening of a new road from the Beach road to the Mount road will also, it is hoped, conduce to the conversion of the wet lands lying in its neighbourhood into sites for building purposes. The draining of other tanks and

irrigable areas is a large question which has to be separately and carefully considered, but meanwhile the continued attention of the Corporation should be directed to the reclamation of the swamps and pits in the City that afford place for the stagnation of rain water.

Connected with this is the use of rubbish for filling up disused tanks and pits. Care and discrimination should be exercised in selecting places for the deposit of rubbish and the rule should be strictly enforced that night-soil is not deposited in carts and receptacles intended for rubbish. The existence of such a practice was admitted by the President in paragraph 224 of the report for 1907-1908, and it was then stated that systematic prosecution of offenders would be undertaken. From the tabular statement No. 12 submitted with the current report, however, it is observed that no such prosecution was instituted during the year.

Want of adequate control over food supplies is deplored by the President. He observes that articles of food are often exposed for sale over or beside foul open drains, that it is difficult to prove prejudice to the purchaser if prosecution under section 357 of the Act is instituted by a Municipal official and that food sold in the streets is frequently unprotected from flies. With an improved conservancy system it is to be hoped that the foulness of drains and the danger from flies will diminish, and in the meantime attempts might be made under by-law No. 172, sanctioned in G.O., No. 682 M., dated 23rd April 1908, to exercise some supervision over food-sellers, and to remove the worst of them from the most undesirable places. The legal difficulty experienced in the operation of section 357 should be reported to Government in full. There are, however, other sections of the Act dealing with adulteration, and portions of the Indian Penal Code with injurious adulterations, the judicious exercise of which should effect improvement. No reference is made in the report as to the steps taken during the year for adopting recognized "standards" to determine adulteration; but it is observed that a beginning has recently been made at the chemical laboratory attached to the King Institute to work out a standard for ghee.

With a view to more efficient working, the Health Department of the Corporation was reorganized during the year and the conservancy and the sanitary branches separated and placed under the control of separate Assistant Health officers. The work of inspection of houses conducted by the sanitary staff, however, deteriorated and the President ascribes this to the fact that the inspectors were new to their duties. The work of the staff apparently needs closer supervision. Systematic and regular inspection of premises and the enforcement of the law relating to insanitary buildings form an essential part of the duties of the sanitary staff. All the conservancy depots were worked departmentally during the year. Difficulties are, however, reported to have existed in their working on account of the shortage of bullocks and scarcity of labour.

10. *Education.*—The only institution maintained by the Corporation is the Panchama Day School at Chetput. The number of aided elementary schools for boys rose by one, with a corresponding increase in the attendance. In the case of girls' schools the advance was very striking, the number of schools having risen from 29 to 54 and the number of pupils attending them from 3,043 to 6,620. This increase was, however, due to the regrading of a large number of secondary schools as elementary schools. The proportion of entirely unqualified teachers in the boys' schools increased largely, the percentage of such teachers to the total number in those institutions being 14 against 11·2 in 1907-1908. No information has been furnished as to the steps taken to reduce the number of such teachers, as required by G.O., No. 1977 M., dated 25th November 1908.

The President refers in the report to the inadequacy and the inferior type of the elementary school buildings in the city. The whole question of the accommodation to be provided for these institutions by the Corporation has now been referred to a Committee whose report is awaited. The net expenditure on education from the funds of the Corporation was Rs. 20,232 or 2·2 per cent. of the receipts from taxation, excluding the water and drainage tax, against Rs. 13,609 or 1·4 per cent. in the previous year.

11. *Medical.*—There has been a steady increase of patients in the several medical institutions maintained by the Corporation except in the Georgetown dispensary where there was a fall of 3,195 patients. This decline in attendance is ascribed to the exceedingly heavy rains in the third quarter of the year. In view, however, of the fact that other institutions in the City similarly circumstanced do not appear to have been likewise affected, this explanation is not convincing. The continued increase in the number of patients returned as treated at the Georgetown dispensary for "malarial fevers" requires investigation. The question of providing improved accommodation for the medical institutions of the northern portion of the City is separately under consideration. The construction of new buildings for the Royapettah hospital will shortly be put in hand, the contract for the work having been sanctioned recently. Notwithstanding the remarks in paragraph 11 of G.O., No. 1977 M., dated 25th November 1908, the indifferent diagnosis conducted in the St. Thomas' Convent dispensary and the incorrect method of calculating the average daily attendance of in-door patients in the same institution continued, as many as 897 cases of scurvy having been reported from the dispensary against 2 in all the other institutions maintained or aided by the Corporation and as many as 128 cases having been left undiagnosed.

12. *Vaccination.*—It is satisfactory to note that there was again improvement both in the number of vaccine operations performed by the Corporation staff and in the percentage of success. The number of such operations verified by the Deputy Inspector and his assistants also increased, though there is still room for improvement, as under paragraph 13 of G.O., No. 2390 M., dated 27th November 1907, all cases vaccinated should be verified by them. Infantile vaccination kept pace with the advance noted above, 93·49 per cent. of the children born alive having been vaccinated. Annual form No. XXI in Appendix V shows that whilst the percentage of vaccination to registered births exceeded 50 in fourteen wards, it fell below 40 in only one, the fifth ward. Here also an appreciable improvement has been effected. The proportion of population protected from small-pox was less than 40 per mille in only three wards against eight in 1907, the sixth division west ward however being still very backward. Efforts should be made to secure better results in these wards. Excluding the work done at the Emigration depots and the Penitentiary, the number of revaccinations performed by the Corporation staff was in advance of the previous year by 783. Under the system approved in G.O., No. 149 M., dated 5th February 1909, under which payments of rewards are made when necessary to persons who submit to revaccination voluntarily, revaccination bids fair to attain larger proportion in the current and ensuing years. The average cost of each successful case of vaccination fell from As. 7-6 in the previous year to As. 6-6; and a further reduction may be anticipated in the current year as the Corporation now exclusively uses lymph supplied by the King Institute.

13. *Registration of vital statistics.*—The number of births registered during the calendar year 1908 exceeded that in the previous year and amounted to 39·2 per mille of the population against 38·8 per mille in 1907. The rate, however, fell short of the quinquennial average by 0·8 per mille. The births considered with reference to wards approached the normal rate for the Presidency in eight wards, while in the rest they fell below 40 per mille, the lowest, 26·8 per mille, being returned again by the third division west ward. In the east and the centre wards of this division, the rate obtained was 29·8 and 39·3 per mille, respectively. Similar disparities are observable in the wards of the first, second, sixth and seventh divisions. The report makes no attempt to account for these variations. It would be interesting to know the causes at work in bringing about these results. An enquiry into the physical peculiarities of the areas concerned, their sanitary condition and environments and the habits of the generality of the people living in them would doubtless help in a great measure to explain the cause or causes at work.

The births exceeded the deaths in eight wards while in the others the deaths exceeded the births. The death-rate on the whole was 43·7 per mille against 40·5 per mille in the previous year and 44·3 per mille, the mean ratio for the previous five years. The death-rate has been in excess of the birth-rate for several years past, the excess in 1905 amounting to 13·4 per mille. This continued excess of deaths over births indicates radical defects in the public health of the City or serious

inaccuracy in vital registration or possibly points to a custom under which mothers in some castes leave Madras for their homes up-country before the birth of their children. The Sanitary Commissioner will be requested to make special enquiries into the matter, with the assistance of the Corporation staff, and submit a report to Government. As usual, the highest death-rate in 1908 (58.2 per mille) was recorded in the first division centre ward, and the lowest (35.1 per mille) in the south ward of the sixth division. Here also as in the case of births, the wards, considered individually, present marked variations which have not been explained.

The highest mortality occurred in the months of August, September, October and November. Deaths from cholera were reported in every month of the year. Up to the end of July the disease was more or less of a sporadic nature. It increased in virulence in August and September and thereafter began to abate. The mortality from this cause (1,246) was about twice as much as in the previous year.

The death-rate under malaria was 5.4 per mille of the population, the first and second divisions being the largest sufferers from this cause. From the annual forms Nos. X and XII, it appears that while the mortality from malaria in the seventh division was low, the deaths registered under other fevers were heavy. The comparative freedom from malaria which this division apparently enjoys seems thus questionable. An investigation into this matter seems desirable. Bowel complaints accounted for 4,225 deaths or 8.2 per mille. The mortality from this cause is probably due to the deficient water-supply of the City and the insanitary conditions in which the majority of the population are placed. The deaths registered under unspecified causes amounted to 20.0 per mille against 18.8 in the previous year. This points to defective arrangements for registration. The proposal to replace the existing lay registrars of births and deaths by qualified hospital assistants, made in paragraph 143 of the report for 1905-1906, has not yet been given effect to except in one division, though the wisdom of such a reform was unquestionable. It is hoped that this system will be gradually extended. The incidence of mortality was heaviest among infants and adults of and above 60 years of age. Infantile mortality rose from 270.7 to 296.3 per mille of births, the first division centre ward returning, as in previous years, the largest number of deaths (311 per mille of births). The milk depot, which was opened during the year with the object of reducing the heavy infantile mortality and of improving the health of infants, supplied daily on an average 4 infants with milk free of cost and the expenditure incurred on account of the depot was Rs. 8,573. The President questions the advisability of continuing the depot at public cost. The depot has not yet been resorted to in sufficient numbers to gauge its effect on public health; but it seems to be too soon to form any opinion as to its utility or otherwise. It is, however, suspected in some quarters that, owing to mismanagement and want of superior control, an inferior quality of milk is issued from the depot, which shows that the depot is thus not serving the purpose for which it was started. It is obvious that in this country such a system of affording aid to poor families is one very difficult to manage efficiently. The climate is adverse and the difficulty of securing efficient and honest supervision must be very great.

The Government are glad to note that, as in the previous year, no indigenous case of plague occurred in the City. There were, however, three fatal cases of imported plague. The campaign against rats was continued, the number destroyed during the year being 247,370, and that from the commencement of rat destruction in February 1906, 772,657.

14. A gratifying feature in the administration of the Corporation affairs during the year is the distinct improvement that has been introduced in the working of its Revenue department. Assessment and collection of taxes have advanced and special attention has been bestowed on the adjustment of old arrears which have been disfiguring the municipal registers for a long time. It is hoped that the reorganization of this department, sanctioned in G.O., No. 838 M., dated 24th May 1909, and the introduction of the rules recently passed laying down educational qualifications for the staff, will enable the Corporation to effect further improvements and to place the whole of this department on a thoroughly efficient basis. The Health department also has been reorganized during the year at a heavy cost. With this reorganization the Government hope with the Commissioners to find material improvement in the work of the department in the current year.

A special report on the Municipal workshops drawn up by the Mechanical Engineer is under the consideration of the Corporation. A special officer will shortly work under the Corporation with a view to improve the record system adopted in the office and to prepare a code of rules and regulations for the guidance of the Corporation officers. When this code has been completed, the Corporation office, which has frequently called forth adverse comment, will, the Government trust, improve in efficiency and business habits.

Other important matters which demand the anxious attention of the Corporation are the improvement of the roads, the improvement of sanitation, a reduction in the persistent high death-rate and excessive infantile mortality. The completion of the new schemes of water-supply and drainage will no doubt contribute towards the material improvement of the sanitation of the City and consequently of its health conditions, but short of these schemes, there are several minor improvements which are within the means of the Corporation which would, if satisfactorily carried out, effect an advance of no small measure in sanitation.

The Government are glad to recognize the increasing and zealous interest taken by the Commissioners in their duties, and consider that the work of the year shows that there has been a considerable advance in many respects in the administration of the affairs of the Corporation.

(True Extract.)

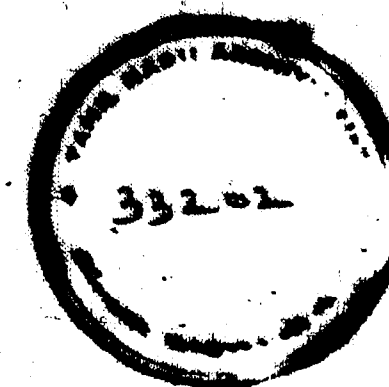
N. S. BRODIE,
Ag. Secretary to Government.

To the President, Corporation of Madras.
" Collector of Madras.
" Accountant-General.
" Director of Public Instruction.
" Surgeon-General.
" Sanitary Commissioner.
" Sanitary Engineer.
Editors' Table.

Endorsement—No. 2085 M., dated 20th December 1909.

Copy to the Government of India, Home
Finance Department.

N. S. BRODIE,
Ag. Secretary to Government.



R
V21114, 615 1108
109/1