18-8-08 ✓

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Very useful

Local & Munl. (1898) Department.

INDEXED.

PRINTED.

G.O., No. 2200 A
2201 M

DATED 17.12.98

To be consulted when the despatches are published

[Despatch Abstract.]

Administration report. Reviewing the — of the Madras municipalities for 1897-98

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Government {1898} of Madras.

LOCAL AND MUNICIPAL.

Recd. / *Regd.* } 1898. *Enclosures* / *Spare copies*

G.O., &c., Nos. 2200, 2201 M., 17th December 1898.

DECEMBER.

Administration Report.

Reviewing the — of the Madras Municipality for 1897–98.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

From R. E. ELLIS, Esq., M.I.C.E., Acting President, Municipal Commission, Madras, to the Secretary to Government, Local and Municipal Department, dated 31st August 1898, G. No. 259.

Pursuant to section 91 of the City of Madras Municipal Act I of 1884, as amended by Madras Acts VII of 1884 and II of 1892, I have the honour to submit herewith a copy of the administration report of this municipality for the year 1897–98.

2. The report was considered at a special meeting of the Commissioners held on 26th August 1898; an extract from the proceedings of the meeting is annexed.

3. The remaining 47 copies of the report will be forwarded shortly.

ENCLOSURE.

Administration Report of the Madras Municipality for 1897–98.

Proposed by M.R.Ry. V. Varadappa Nayudu Garu and seconded by M.R.Ry. Diwan Bahadur V. Krishnama Chariyar Avargal—

"That the administration report be adopted and forwarded to Government."

Proposed by M.R.Ry. M. Venkataramayya Chetti Garu and seconded by M.R.Ry. C. Tirumalayya Nayudu Garu—

"That the meeting resolve into Committee."

Resolution.—Carried.

The meeting was resumed.

As an amendment, M.R.Ry. R. N. Pragasa Mudaliyar Avargal proposed and M.R.Ry. Salla Guruswamy Chetti Garu seconded—

"That the following be added to the original proposition: 'That considering the gradual decrease for the past few years in the animal and vehicle tax, the Commissioners note with satisfaction the endeavours of the Revenue officer, in as much as the tax under those sources shows an increase of Rs. 5,646 over that of the previous year, notwithstanding the fact that a very large number of ponies, jutkas and hack carriages have been sold and got rid of by their owners during the year in consequence of the tramway extension.'"

Resolution.—Carried.

From R. E. ELLIS, Esq., M.I.C.E., Acting President, Municipal Commission, Madras, to the Secretary to Government, Local and Municipal Department, dated 5th September 1898, G. No. 274.

As promised in paragraph 3 of my letter to Government, G. No. 259, of the 31st ultimo, I have the honour to forward herewith 47 copies of the administration report of this municipality for 1897–98.

ORDER—No. 2200 M., dated 17th December 1898.

The receipts and charges of the Madras Municipality for 1897–98 are compared below with the budget and revised estimates for the year and the actuals of 1896–97 :—

—	Actuals, 1896–97.	Budget estimate, 1897–98.	Revised estimate, 1897–98.	Actuals, 1897–98.
	Rs.	Rs.	Rs.	Rs.
Receipts.				
Balance brought forward	5,99,493	3,63,020	4,78,730	4,78,731
Tax on Arts	69,992	67,000	68,000	70,548
" Buildings and Lands	4,58,385	5,19,400	5,64,500	5,50,421
Water-tax on Buildings and Lands	1,82,935	2,07,360	2,25,580	2,19,790
Lighting-tax on Buildings and Lands	57,335	64,910	70,560	68,807
Tax on Vehicles and Animals	51,111	53,000	57,000	56,524
" Carts	19,330	19,500	20,100	20,263
Tolls	41,252	42,000	42,000	42,005
Rent of Lands, Buildings, &c., and Sale-proceeds of Lands, &c.	67,595	76,420	76,930	75,622
Conservancy Receipts	5,550	6,660	6,790	6,910
Income from Markets and Slaughter-houses	25,566	27,220	27,940	25,448
License Fees	1,50,003	1,39,000	1,35,250	1,57,695
Other Fees	6,656	6,390	6,390	8,605
Fines under Municipal and other Acts	4,069	3,500	3,500	3,859
Interest on Investments and Premium on Loans	12,000	10,500	14,820	14,820
Grants and Contributions from Government	1,82,904	33,010	32,910	32,541
Miscellaneous	38,110	32,260	30,300	34,647
Loans	..	1,00,000	1,00,000	1,00,000
Sale-proceeds of Government Securities, &c., and Realizations of Sinking Fund	27,105	28,000	28,000	28,124
Advances Recovered	36,216	6,000	6,020	13,613
Total	20,35,607	18,05,090	19,95,340	20,08,973
Charges.				
GRANT 1—				
New Works—				
Communications	9,661	1,500	9,970	6,285
Buildings	32,143	83,310	1,22,810	97,233
Drainage	55,371	3,14,090	1,58,090	2,05,180
Water-supply	56,521	6,000	8,570	6,504
Miscellaneous Public Improvements	337	500	200	7,487
	1,33,403	1,10,210	1,40,940	1,23,154
Repairs—				
Communications	14,724	3,800	9,640	6,722
Buildings	1,76,305	1,91,900	2,12,040	2,25,001
Drainage	57,897	56,250	64,060	63,109
Water-supply	186	1,110	810	644
Miscellaneous Public Improvements	28,623	30,460	31,240	30,787
Establishment	41,603	39,570	46,870	25,136
Tools and Plant and other Stores				
Total	6,06,774	8,38,700	8,05,240	7,97,242
GRANT 2—				
Training Schools	312	1,000	1,000	150
Grants-in-aid—				
Result Grants	10,072	10,000	10,050	9,595
Building, Furniture, &c., Grants	718	1,500	2,200	943
Inspection	1,202	1,190	1,200	1,202
Total	12,304	13,690	14,450	11,890
GRANT 3—				
Hospitals and Dispensaries	21,279	26,000	22,710	19,935
Contributions	27,118	27,840	29,740	28,118
Vaccination	11,759	11,370	11,520	11,579
Registration of Births and Deaths	8,688	8,770	9,220	9,051
Conservancy, Road-cleaning and Road-watering	3,38,914	2,73,470	3,26,770	3,14,426
Total	4,07,758	3,47,450	3,99,960	3,83,109
GRANT 4—				
Lighting	68,647	71,040	66,450	64,981
Markets and Slaughter-houses	6,028	5,430	5,730	4,818
Avenues	3,049	3,400	3,900	3,465
Public Garden, Survey of Land, Fire and other Charges	1,09,928	1,18,100	1,22,380	1,16,838
Total	1,87,652	1,97,970	1,98,460	1,90,102
GRANT 5—				
Supervision and Management	99,919	90,520	94,300	92,634
Repayment of Debts	53,920	54,770	54,770	54,770
Interest on Loan	1,53,805	1,51,220	1,55,410	1,51,065
Advances Recoverable	21,002	..	6,020	5,185
Refunds	7,544	5,000	6,500	6,189
Pensions and Gratuities	6,198	11,220	11,450	11,391
Grand Total	15,56,876	17,10,540	17,46,560	17,03,577
Balance	4,78,731	94,550	2,48,780	3,05,396

I.—Constitution of the Commission.

2. During the year under review, Lieutenant-Colonel Sir George Moore continued to hold the office of President and Mr. R. E. Ellis that of Engineer. The latter officer, however, took leave on private affairs for six months from the 2nd May 1897 and Mr. S. Loane, the Assistant Mechanical Engineer, acted for him. Dr. J. Nield Cook, the Health Officer, having resigned his appointment on the 31st December 1897, the duties of that office were performed by the President until the 11th January 1898, and by Mr. Mathew, the Assistant Health Officer, who was appointed to act in the place as a temporary measure, until the 24th March 1898, when Lieutenant J. W. Cornwall, I.M.S., who was permanently appointed Health Officer, took charge of the office. Muhammad Safdar Husain Sáhib was Revenue officer throughout the year, having been appointed in the place of Diwan Bahadur P. Ramaswami Chettiyar who retired on the 31st March 1897.

3. Fifteen elective seats on the Commission fell vacant during the year. Five of these were not contested, but at the elections held to fill the remaining ten vacancies, 59·8 per cent. of the registered number of voters in the divisions concerned attended the poll, against 42·1 per cent. in 1896–97 and an average of 59·7 per cent. for mufassal municipalities in that year. The list of persons qualified to vote was revised with the result that the number rose from 5,500 to 5,720.

4. As in the previous year, twenty meetings were held by the Commissioners, and the average attendance at each meeting was 23 or one more than in that year.

II.—Receipts.

5. Excluding the opening balance, the total receipts of the year amounted to Rs. 15,30,242 against Rs. 14,42,070 and Rs. 15,16,610, anticipated in the budget and revised estimates, respectively, and Rs. 14,36,114 realized in 1896–97. The increase as compared with the actuals of the previous year occurs mainly under the tax on buildings, water and lighting taxes and loans, and is partly counterbalanced by a decrease under grants from Government and advances recovered. Compared with the budget estimate also, there was an increase, which appears chiefly under taxation and license fees.

A.—Revenue derived from Taxation.

6. The following statement shows the demand, collection and balance—current and arrears—under the several taxes :—

Current.

Tax.	Demand as originally assessed.	Remitted on appeal.	Demand as finally settled.	Collected.	Remitted.	Written off as irrecoverable.	Balance.	Percentage of collections to net demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Tax on arts, &c.	70,203	113	70,090	68,096	..	..	1,994	97·2
,, on buildings and lands.	5,32,246	5,670	5,26,576	4,75,298	5,638	..	45,640	90·3
Water-tax	2,12,575	2,258	2,10,317	1,89,808	2,184	..	18,325	90·3
Lighting-tax	66,543	709	65,834	59,417	674	..	5,743	90·3
Tax on vehicles with springs and animals	60,097	8	60,089	54,089	..	..	6,000	90·0
Tax on carts	21,218	16	20,202	20,166	..	32	4	99·8
Tolls	42,005	..	42,005	42,005	..	..	..	100·0
Total ..	10,03,887	8,774	9,95,113	9,08,879	8,496	32	77,706	91·3
Total for 1896–97 ..	9,89,859	9,710	9,80,149	8,39,619	10,426	213	1,29,891	85·7

Arrears.

Tax.	Total demand.	Collected.	Remitted.	Written off as irrecoverable.	Balance.	Percentage of collections to demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Tax on arts, &c.	3,237	2,452	..	577	208	75·7
,, on buildings and lands	86,211	75,123	1,604	285	9,199	87·1
Water-tax	34,418	29,982	653	111	3,702	87·0
Lighting-tax	10,823	9,390	200	37	1,196	86·8
Tax on vehicles and animals	7,965	2,435	..	4,101	1,429	30·6
,, on carts	100	97	..	1	2	97·0
Total ..	1,42,784	1,19,479	2,457	5,112	15,736	83·7
Total for 1896–97 ..	58,026	44,720	1,392	1,791	14,123	70·3

The net current demand under all the heads, except the tax on arts, showed an increase over that of the previous year, which was considerable in the case of the tax on buildings and lands and the water-tax, owing partly to the general revision of assessments in the first municipal division and partly to the ordinary revision carried out in the others. The remissions granted on appeal amounted to Rs. 8,774 or ·9 per cent. of the gross demand against Rs. 9,710 or nearly 1 per cent. in 1896–97. The collections under the principal taxes improved generally and were good, except in the case of the arrears under the tax on vehicles and animals, under which, however, more than one half of the demand was written off as irrecoverable. It is creditable to the executive that the total receipts from taxation, amounting to Rs. 10,28,358, were the largest on record in the past ten years. A sum of Rs. 8,528 out of the current demand and Rs. 7,569 of the arrear demand under the several taxes were remitted and written off as irrecoverable; but, notwithstanding these large remissions, old arrears under the tax on buildings dating back to 1892–93 were still outstanding on the municipal books. The Government trusts that strenuous efforts will be made to collect all recoverable arrears.

7. *Coercive Processes.*—For the collection of the several taxes 70,053 demand notices were issued against 66,775 in 1896–97, the amount involved being Rs. 4,97,387 against Rs. 5,34,133. Warrants were issued in 60,282 of these cases against 53,371 in the previous year, but the number of processes remaining unexecuted at the close of the year was considerably less than in 1896–97, being 7,202 or only 10·2 per cent. of the total number for execution against 10,397 or 17·2 per cent. The total amount recovered by means of coercive processes was Rs. 5,31,924 against Rs. 3,85,778 in 1896–97, and the number of cases in which property was sold rose from 853 to 1,573, the amount realized being Rs. 2,031 against Rs. 1,132. Prosecutions were instituted in 2,954 cases against 1,537 in the previous year.

8. *Incidence of Taxation.*—The incidence of municipal taxation per head of the population rose from Rs. 1–15–2 to Rs. 2–4–4, the increase being due to larger collections under the principal taxes. The incidence of the tax on arts was Rupees 19–8–1 per person assessed against Rs. 19–6–7 in the previous year, and that of the tax on buildings and lands Rs. 13–1–3 per building or land taxed against Rs. 13–0–4. Including the water and lighting taxes, the average tax paid on each house or land was Rs. 19–14–11 against Rs. 19–13–8 in 1896–97.

B.—Revenue derived from Municipal Property and under Powers apart from Taxation.

9. The total receipts under this head amounted to Rs. 2, against Rupees 2,71,440 in the previous year, the increase appearing chiefly under sewage farms, license fees and premia on loans and being due in the case of license fees to the collection of fees under the Petroleum Act and to arrear collections. On the other hand there was a decline in the income from markets and from fees for the slaughter of animals for food, which is explained in paragraphs 58 and 63 of the President's report.

10. *Grants from Government.*—A sum of Rs. 3,433 was paid by Government as compensation for the exemption of military officers from the tax on salaries against Rs. 3,796 in 1896–97. In addition to this the usual contributions for roads

(Rs. 9,058), for repairing the bridges over the Cooum and the Buckingham Canal (Rs. 4,443), for withholding the levy of taxes on places used for the sale of spirituous and intoxicating liquors (Rs. 13,607) and for the zoological collections in the Peoples' Park (Rs. 2,000) were received during the year.

11. *Miscellaneous.*—The receipts under this head amounted to Rs. 34,647 against Rs. 38,110 in 1896–97, the decrease occurring under all the heads except "other items."

III.—Expenditure.

12. The total expenditure was Rs. 17,03,577 against Rs. 17,10,540 and Rupees 17,46,560 provided in the budget and revised estimates, respectively, and Rupees 15,56,876 incurred in 1896–97. The decrease as compared with the revised estimate occurs under all grants, and the increase over the actuals of the previous year mainly under grant 1. About 47 per cent. of the total expenditure was devoted to public works, 1 per cent. to education, 23 per cent. to medical services and sanitation, 11 per cent. to lighting and miscellaneous, 5 per cent. to supervision and management, and 13 per cent. to repayment of debt, &c., the corresponding figures for the previous year being 39, 1, 26, 12, 6 and 16 per cent.

13. *Public Works—Communications.*—The outlay on new works—communications was Rs. 6,285 and that on repairs Rs. 1,23,154 against the revised estimates of Rs. 9,970 and Rs. 1,40,940, respectively, the decrease under both heads being due to the non-adjustment of some claims for work done. Three and three-quarter miles of road were metalled for the first time during the year. Of the expenditure on repairs, Rs. 70,027 were spent on re-metalling 23¼ miles of road, Rs. 50,081 on ordinary repairs to roads, and Rs. 3,046 on repairs to bridges, culverts and foot-paths and other petty works. The condition of the roads is stated to have been no worse than in the previous year, but it is observed that the report for 1896–97 is silent on this point. In future, some information should be given as to the state of the main thoroughfares and of the minor roads.

14. *Buildings.*—The expenditure under this head was Rs. 1,03,955, of which Rs. 97,233 were incurred on new works and Rs. 6,722 on repairs, against the revised estimates of Rs. 1,22,810 and Rs. 9,640, respectively. The short outlay under new works was due chiefly to the non-utilization of the entire allotment for the non-market. The only new works of importance undertaken during the year were the construction of an incinerator and of a new market, on which Rs. 56,838 and Rupees 21,443, respectively, were spent up to the 31st March 1898, out of an estimate of one lakh for each. The site of the Kilpauk cemetery was also levelled and provided with paths and roads at a total cost of Rs. 15,180.

15. *Drainage.*—Under this head the expenditure on new works amounted to Rs. 2,05,180 as compared with the revised estimate of Rs. 1,58,090. The drainage of Mylapore, which had been undertaken in 1896–97, was in progress, and the pipes required for the drains along the Ice House and Sydenham's roads were obtained during the year under review, but the total expenditure on these works before its close was only Rs. 2,33,607 against an allotment of 3½ lakhs. The outlay on minor drains was Rs. 9,393 under new works and Rs. 3,908 under repairs, against Rs. 15,548 and Rs. 8,424, respectively, in the previous year. The charges of pumping at the Napier Park fell slightly, but in the case of the Rayapuram, Kistnampet and DeMellow's Road pumping stations there was an increase which was due to repairs and additions made to the plant and to the examination of the engines by the Boiler Inspector.

16. *Water-supply.*—The outlay under this head amounted to Rs. 69,613, of which Rs. 6,504 were spent on new works and Rs. 63,109 on repairs, against Rs. 56,521 and Rs. 57,897, respectively, in the previous year. During the year under review 1,864 yards of water pipes were laid and 26 fountains were erected against 20,169 yards of pipes and 96 fountains in 1896–97. The total number of fountains on the 31st March 1898 was thus 1,168, or on an average one for every ·01 square mile of the area supplied with water and for every 299 inhabitants in that area. The total quantity of water-supply to the town exceeded that in the previous year by about 6 per

cent., and although the quality of the water in the Red Hills lake, as shown by the analysis, was "bad", yet the water as distributed after filtration was pronounced "usable". Plans and estimates of a scheme for the partial improvement of the water-supply of the city are now under preparation by the Municipal Engineer. Meanwhile the Commissioners have undertaken the work of cleaning certain water pipes at a cost of Rs. 50,000 and have obtained the sanction of Government to raise a loan of this amount in the open market.

17. *Miscellaneous.*—No work of importance falling under this head was undertaken during the year. The Government notes with pleasure the liberality of the gentlemen named in the statement given in page 121 of the President's report.

18. *Education.*—The expenditure under this head was Rs. 11,890 against Rs. 12,304 in the previous year, the decrease being mainly under result grants. A sum of Rs. 150 was spent on stipends to teachers attending the sessional schools, Rs. 1,202 in maintaining two inspecting schoolmasters and Rs. 10,538 in aiding schools with result, building and furniture grants. At the close of the year there were 13 secondary and 137 primary schools against 11 and 137, respectively, in 1896–97. On the 31st March 1898 there were on the rolls of these institutions 9,083 boys and 845 girls against 8,785 and 837, respectively, in the previous year. There was an increase in the attendance at these schools and the number of pupils presented for the grant examinations was 4,710, or 13 more than in the previous year. As many as 77·3 per cent. of these were found qualified for grants against 74·8 per cent. in 1896–97 and 95·9 per cent. of the allotment for grants was utilized. The proportion of unqualified teachers employed in the aided schools is unduly large and should be reduced. The attention of the Commissioners will be drawn to the remarks on this subject in paragraph 18 of G.O., No. 2852 M., dated 20th December 1897.

19. *Medical relief.*—As in previous years, the Commissioners maintained the Triplicane hospital and the Black Town dispensary. The expenditure on these institutions amounted to Rs. 19,935 against Rs. 21,279 in 1896–97. The decrease is common to both and is ascribed in the first case to savings under "Miscellaneous charges," and in the second to delay in the presentation of bills for the supply of medicines. The usual contributions of Rs. 20,000 and Rs. 6,378 were paid to Government towards the maintenance of the General Hospital and the Medical College respectively, and a grant of Rs. 1,740 was made to the St. Thomé and St. Thomas' Convent dispensaries and the Victoria Caste and Gosha hospital.

The numbers of patients treated in these institutions are compared below with the figures of the previous year :—

	1896–97.	1897–98.
Triplicane hospital—		
In-door	972	1,353
Out-door	29,568	28,280
Black Town dispensary—		
Out-door	43,304	47,305
St. Thomé dispensary	10,204	10,116
St. Thomas' Convent dispensary	..*	47,786
Victoria Caste and Gosha hospital	11,246	12,477

* The figure for 1896–97 is not known.

The increase i . the number of in-patients treated at the Triplicane hospital is ascribed to the admission of numerous cases of small-pox treated in the Kistnampet isolation hospital annexed thereto, and the decrease in the out patients to frequent changes in the medical subordinates attached to the out-patients' department. The attention of the Commissioners is drawn to the remarks and suggestions of the Medical Officer regarding the repairs required to the hospital buildings.

20. *Vaccination.*—The total number of vaccine operations performed during the year rose from 27,021 to 33,082, the increase being due chiefly to a large number of people resorting to vaccination owing to the prevalence of small-pox in the latter part of the year. Of this number 30,426 or 67·2 per mille of the population are stated to have been successful against 24,813 or 54·8 per mille in 1896–97; the percentage of reported success was almost the same in both years (92·0), but the net cost of each successful operation was reduced by eleven pies. Of the total number of operations performed, 24,828 were primary vaccinations and 8,254 re-vaccinations against

19,193 and 7,828, respectively, in the previous year, but the percentage of success in both cases was almost the same as in that year, viz., 99·6 in primary vaccinations and 86·9 in re-vaccinations. The report on the high proportion of success in re-vaccinations, called for in G.O., No. 2201 M., dated 11th October 1897, and referred to in paragraph 148 of the President's report, has since been received and referred to the Sanitary Commissioner for remarks. During the year under review small-pox was epidemic in all parts of the city and caused 141 deaths, which is the largest number on record since 1884. The number of children under one year of age successfully vaccinated was 15,083, or 33·3 per mille of the population, against 12,929 or 28·6 per mille in 1896–97. Excluding still-births, the total number of births registered during the year was 18,437; but of the children born 5,100 are said to have died before they reached the age of one year. The number of children available for vaccination was thus 13,337; but as only 11,300 of the 15,083 children successfully vaccinated during the year appear to have been born in Madras, it is evident that more than 15 per cent. of the children available for vaccination and born in the city remained unprotected. Only 424 summonses against 729 in 1896–97 were taken out against parents and guardians for failure to have their children vaccinated. The number of cases in which the parties were fined was 255, and the amount of fines imposed was Rs. 207 against Rs. 379 in the previous year. The attention of the Judicial Department will be drawn to the President's remarks in paragraph 159 of his report regarding the inadequacy of the fines imposed by the Magistrates in these cases. The suggestion made by the President in paragraph 157 should form the subject of a separate communication.

21. *Vital statistics.*—The births and deaths registered in 1897 are compared below with the figures of the previous year:—

—	Births.	Rate per mille.	Deaths.	Rate per mille.
1896	18,684	41·2	17,131	37·8
1897	18,702	41·3	16,086	35·5

The births registered were eighteen more than in 1896, but there was a decline of 1,045 under deaths. Classified according to diseases, the decrease in the number of deaths occurs under all the heads except small-pox and cholera, while according to age it was largest in the case of children under one year, whose death-rate, however, fell from 407·5 to 369·6 per mille. The Government notes with approval the preventive measures adopted by the Commissioners against the bubonic plague, from which, however, there were two deaths during the year under review, and is confident that they will spare no pains to combat the disease, should it unhappily establiah itself in Madras.

22. *Sanitation.*—The total outlay under this head was Rs. 3,14,426 against Rs. 2,73,470 and Rs. 3,26,770, respectively, provided in the budget and revised estimates and Rs. 3,38,914 spent in 1896–97, the decrease, as compared with the revised estimate, being due to savings under establishment, street and house-to-house conservancy and epidemic charges and to the existence of unclaimed outstandings. As in the previous year, the Commissioners themselves employed the scavengers and had their own conservancy carts, but the bullocks and drivers were supplied by contractors. It is satisfactory to note that there was a marked improvement in the attendance of the conservancy coolies during the year. The proposal to make adequate provision to prevent strikes among scavengers referred to in paragraph 191 (i) of the President's report should be made in a separate communication. Although no material improvement was made during the year in the sanitary condition of the city, several measures of reform were being carried out. The scheme for the drainage of Mylapore was in progress. An incinerator for the destruction of rubbish and a new general market were in course of construction. Some objectionable burning and burial grounds, situated in the midst of inhabited areas, were closed and others opened instead, and a paracherry was improved by the opening of a street. But until adequate provision is made for the effective drainage of the whole city, for the supply of wholesome water and for other sanitary improvements of prime importance, the health of the town cannot be expected to make any advance on the unsatisfactory state in which it is at

present. Pending, however, the introduction of these major measures of reform, which it will take several years to carry out, the Commissioners should exert themselves to remedy the other defects pointed out in paragraph 191 of the President's report. Only five additional latrines were built during the year, making a total of 225 latrines—a number altogether inadequate for a population of 452,518 according to the census of 1891.

The sewage farms were worked at a profit of Rs. 33,545 against Rs. 2,851 in the previous year, the increase being due to their having been leased out for a larger sum than in 1896–97 and to the larger extent of land cultivated.

23. *Lighting.*—The outlay under this head was Rs. 64,981 against Rs. 68,647 in the previous year. During the year under review 83 additional lamps were put up, making a total of 5,837, or 201 to the square mile.

24. *Parks.*—The People's Park was worked at a net cost to the municipality of Rs. 11,618 against Rs. 11,381 in 1896–97, but the Napier Park brought in a profit of Rs. 301 against Rs. 258. The Robinson Park, which was under the control of a private committee, was also worked at a profit of Rs. 1,608.

25. *Financial position.*—The financial position of the municipality is shown below:—

	Rs.
Assets—	
Current balance	3,05,396
Sinking fund of loans	12,19,212
Value of premises, tools and plant	7,40,217
Advances recoverable	97,914
Total ..	23,62,739
Liabilities—	
Loans	33,70,000

The municipal debt outstanding at the close of the year was Rs. 33,70,000 against Rs. 32,70,000 in 1896–97. During the year under review Rs. 54,770 were paid towards the sinking fund and Rs. 1,51,065 towards interest, making a total of Rs. 2,05,835.

26. *General remarks.*—The President's report, which is full and clear, has again been submitted punctually. The administration of the municipality during the year under review continued to be on the whole efficient. The improvement of the sanitary condition of the town is, however, a matter which calls for the earnest and continued attention of the Commissioners, while it is believed that if the present powers of taxation were fully worked, a considerable increase of income might be secured.

(True Extract.)

H. TREMENHEERE,
Secretary to Government.

To the President, Municipal Commission, Madras.
" Surgeon-General.
" Sanitary Board.
" " Commissioner.
" Director of Public Instruction.
" Accountant-General.
" Sanitary Engineer.
" Public Works Department.
" Judicial Department, with reference to paragraph 20.
Editors' Table.

Endorsement—No. 2201 M., dated 17th December 1898.

Copy to the Government of India, Home Department.

H. TREMENHEERE,
Secretary to Government.

Exd. C. M. Thumbuswamy.

Please see Secret

Proof

Government {1898} of Madras.

LOCAL AND MUNICIPAL.

Proof for approval

ZR
16/12/98

Strike off accordingly 17/12/98

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

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G.O., &c., Nos. 2201 M., 17 December 1898.

DECEMBER.

Administration Report.

Reviewing the — of the Madras Municipality for 1897–98.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers:—

From R. E. ELLIS, Esq., M.I.C.E., Acting President, Municipal Commission, Madras, to the Secretary to Government, Local and Municipal Department, dated 31st August 1898, G. No. 259.

Pursuant to section 91 of the City of Madras Municipal Act I of 1884, as amended by Madras Acts VII of 1884 and II of 1892, I have the honour to submit herewith a copy of the administration report of this municipality for the year 1897–98.

2. The report was considered at a special meeting of the Commissioners held on 26th August 1898, an extract from the proceedings of the meeting is annexed.

3. The remaining 47 copies of the report will be forwarded shortly.

ENCLOSURE.

Administration Report of the Madras Municipality for 1897–98.

Proposed by M.R.Ry. V. Varadappa Naidu Garu and seconded by M.R.Ry. Diwan Bahadur V. Krishnama Charliar Avargal—

"That the administration report be adopted and forwarded to Government."

Proposed by M.R.Ry. M. Venkataramiah Chetty Garu and seconded by M.R.Ry. C. Tirumalayya Naidu Garu—

"That the meeting resolve into Committee."

Resolution.—Carried.

The meeting was resumed.

As an amendment, M.R.Ry. R. N. Pragasa Mudaliyar Avargal proposed and M.R.Ry. Salla Gurusawmy Chetty Garu seconded—

"That the following be added to the original proposition: 'That considering the gradual decrease for the past few years in the animal and vehicle tax, the Commissioners note with satisfaction the endeavours of the Revenue officer, inasmuch as the tax under those sources shows an increase of Rs 5,646 over that of the previous year, notwithstanding the fact that a very large number of ponies, jutkas and hack carriages have been sold and got rid of by their owners during the year in consequence of the tramway extension.'"

Resolution.—Carried.

From R. E. ELLIS, Esq, M.I.C.E., Acting President, Municipal Commission, Madras, to the Secretary to Government, Local and Municipal Department, dated 5th September 1898, G. No. 274.

As promised in paragraph 3 of my letter to Government, G. No. 259, of the 31st ultimo, I have the honour to forward herewith 47 copies of the administration report of this municipality for 1897–98.

ORDER—No. 2260 M., dated 17 December 1898.

The receipts and charges of the Madras Municipality for 1897–98 are compared below with the budget and revised estimates for the year and the actuals of 1896–97:—

—	Actuals, 1896–97.	Budget estimate, 1897–98.	Revised estimate, 1897–98.	Actuals, 1897–98.
	Rs.	Rs.	Rs.	Rs.
Receipts.				
Balance brought forward ..	5,99,493	3,63,020	4,78,730	4,78,731
Tax on Arts	69,992	67,000	68,000	70,548
" Buildings and Lands	4,58,385	5,19,400	5,64,500	5,50,421
Water-tax on Buildings and Lands	1,82,935	2,07,360	2,25,580	2,19,790
Lighting-tax on Buildings and Lands	57,335	64,910	70,560	68,807
Tax on Vehicles and Animals	51,111	53,000	57,000	56,524
" Carts	19,330	19,500	20,100	20,263
Tolls	41,252	42,000	42,000	42,005
Rent of Lands, Buildings, &c., and Sale-proceeds of Lands, &c. ..	67,595	76,420	76,950	75,622
Conservancy Receipts	5,550	6,660	6,790	6,910
Income from Markets and Slaughter-houses	25,566	27,220	27,910	25,448
License Fees	1,50,003	1,39,000	1,35,250	1,57,695
Other Fees	6,656	6,390	6,390	8,605
Fines under Municipal and other Acts	4,069	3,500	3,500	3,859
Interest on Investments and Premium on Loans	12,000	10,500	14,820	14,820
Grants and Contributions from Government	1,82,904	33,010	32,910	32,541
Miscellaneous	38,110	34,200	30,300	34,647
Loans	..	1,00,000	1,00,000	1,00,000
Sale-proceeds of Government Securities, &c., and Realizations of Sinking Fund	27,105	28,000	28,000	28,124
Advances Recovered	36,216	6,000	6,020	13,613
Total ..	20,35,607	18,05,090	19,95,340	20,08,973
Charges.				
GRANT 1—				
New Works—	9,661	1,500	9,970	6,285
Communications	32,143	83,310	1,22,810	97,233
Buildings	55,371	3,14,090	1,58,090	2,05,180
Drainage	337	500	200	7,487
Water-supply	1,33,403	1,10,210	1,40,940	1,28,154
Miscellaneous Public Improvements	14,724	3,800	9,640	6,722
Repairs—	1,76,305	1,91,900	2,12,040	2,25,001
Communications	57,897	56,250	64,060	63,109
Buildings	186	1,110	810	644
Drainage	28,623	30,460	31,240	30,787
Water-supply	41,603	39,570	46,870	25,136
Miscellaneous Public Improvements	..	..	..	..
Establishment	6,06,774	8,38,700	8,05,240	7,97,242
Tools and Plant and other Stores	312	1,000	1,000	150
Total ..				
GRANT 2—	10,072	10,000	10,050	9,595
Training Schools	718	1,500	2,200	948
Grants-in-aid—	1,202	1,190	1,200	1,202
Result Grants	12,304	13,690	14,450	11,890
Building, Furniture, &c., Grants	21,279	26,000	22,710	19,935
Inspection	27,118	27,840	29,740	28,118
Total ..	11,752	11,370	11,520	11,579
GRANT 3—	8,688	8,770	9,220	9,051
Hospitals and Dispensaries	3,38,914	2,73,470	3,26,770	3,14,426
Contributions	4,07,758	3,47,450	3,99,960	3,83,109
Vaccination	68,647	71,040	66,450	64,981
Registration of Births and Deaths	6,028	5,430	5,730	4,818
Conservancy, Road-cleaning and Road-watering	3,049	3,400	900	3,465
Total ..	1,09,928	1,18,100	1,22,0	1,16,838
GRANT 4—	1,87,652	1,97,970	1,98,460	1,90,102
Lighting	99,919	90,520	94,300	92,634
Markets and Slaughter-houses	53,920	54,770	54,770	54,770
Avenues	1,53,805	1,51,220	1,55,410	1,51,065
Public Garden, Survey of Land, Fire and other Charges	21,002	..	6,020	5,185
Total ..	7,544	5,000	6,500	6,189
GRANT 5—	6,198	11,220	11,450	11,391
Supervision and Management	15,56,876	17,10,540	17,46,560	17,03,577
Repayment of Debts	4,78,731	94,550	2,48,780	3,05,396
Interest on Loan				
Advances Recoverable				
Refunds				
Pensions and Gratuities				
Grand Total ..				
Balance				

I.—Constitution of the Commission.

2. During the year under review, Lieutenant-Colonel Sir George Moore continued to hold the office of President and Mr. R. E. Ellis that of Engineer. The latter officer, however, took leave on private affairs for six months from the 2nd May 1897 and Mr. S. Loane, the Assistant Mechanical Engineer, acted for him. Dr. J. Nield Cook, the Health Officer, having resigned his appointment on the 31st December 1897, the duties of that office were performed by the President until the 11th January 1898, and by Mr. Mathew, the Assistant Health Officer, who was appointed to act in the place as a temporary measure, until the 24th March 1898, when Lieutenant J. W. Cornwall, I.M.S., who was permanently appointed Health Officer, took charge of the office. Muhammad Safdar Husain Sahib was Revenue officer throughout the year, having been appointed in the place of Diwan Bahadur P. Ramaswami Chettiyar who retired on the 31st March 1897.

3. Fifteen elective seats on the Commission fell vacant during the year. Five of these were not contested, but at the elections held to fill the remaining ten vacancies, 59·8 per cent. of the registered number of voters in the divisions concerned attended the poll, against 42·1 per cent. in 1896–97 and an average of 59·7 per cent. for Mufassal Municipalities in that year. The list of persons qualified to vote was revised with the result that the number rose from 5,500 to 5,720.

4. As in the previous year, twenty meetings were held by the Commissioners, and the average attendance at each meeting was 23 or one more than in that year.

II.—Receipts.

5. Excluding the opening balance, the total receipts of the year amounted to Rs. 15,30,242 against Rs. 14,42,070 and Rs. 15,16,610, anticipated in the budget and revised estimates, respectively, and Rs. 14,36,114 realized in 1896–97. The increase as compared with the actuals of the previous year occurs mainly under the tax on buildings, water and lighting taxes and loans, and is partly counterbalanced by a decrease under grants from Government and advances recovered. Compared with the budget estimate also, there was an increase, which appears chiefly under taxation and license fees.

A.—Revenue derived from Taxation.

6. The following statement shows the demand, collection and balance—current and arrears—under the several taxes :—

Current.

Tax.	Demand as originally assessed.	Remitted on appeal.	Demand as finally settled.	Collected.	Remitted.	Written off as irrecoverable.	Balance.	Percentage of collection to net demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Tax on arts, &c.	70,203	113	70,090	68,096	..	..	1,994	97·2
,, on buildings and lands	5,32,246	5,670	5,26,576	4,75,298	5,638	..	45,640	90·3
Water-tax	2,12,575	2,258	2,10,317	1,89,808	2,184	..	18,325	90·3
Lighting-tax	60,543	709	65,834	59,417	674	..	5,743	90·3
Tax on vehicles with springs and animals	60,097	8	60,089	54,089	..	..	6,000	90·0
Tax on carts	20,218	16	20,202	20,166	..	32	4	99·8
Tolls	42,005	..	42,005	42,005	..	..	..	100·0
Total ..	10,03,387	8,774	9,95,113	9,03,879	8,496	32	77,706	91·3
Total for 1896–97 ..	9,89,859	9,710	9,80,149	8,89,619	10,426	213	1,29,891	85·7

Arrears.

Tax.	Total demand.	Collected.	Remitted.	Written off as irrecoverable.	Balance.	Percentage of collection to demand.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Tax on arts, &c.	3,237	2,452	..			
,, on buildings and lands	86,211	75,123	1,604	577	208	75·7
Water-tax	34,418	29,982	653	285	9,199	87·1
Lighting-tax	10,823	9,390	200	111	3,702	87·0
Tax on vehicles and animals	7,965	2,435	..	37	1,196	86·8
,, on carts	100	97	..	4,101	1,429	30·6
Total ..	1,42,784	1,19,479	2,457	1	2	97·0
Total for 1896–97 ..	58,026	40,720	1,392	5,112	15,736	83·7
				1,791	14,123	70·2

The net current demand under all the heads, except the tax on arts, showed an increase over that of the previous year, which was considerable in the case of the tax on buildings and lands and the water-tax, owing partly to the general revision of assessments in the first municipal division and partly to the ordinary revision carried out in the others. The remissions granted on appeal amounted to Rs. 8,774 or ·9 per cent. of the gross demand against Rs. 9,710 or nearly 1 per cent. in 1896–97. The collections under the principal taxes improved generally and were good, except in the case of the arrears under the tax on vehicles and animals, under which, however, more than one half of the demand was written off as irrecoverable. It is creditable to the Executive that the total receipts from taxation, amounting to Rs. 10,28,358, were the largest on record in the past ten years. A sum of Rs. 8,528 out of the current demand and Rs. 7,569 of the arrear demand under the several taxes were remitted and written off as irrecoverable; but, notwithstanding these large remissions, old arrears under the tax on buildings dating back to 1892–93 were still outstanding on the municipal books. The Government trusts that strenuous efforts will be made to collect all recoverable arrears.

Coercive Processes.—For the collection of the several taxes 70,053 demand notices were issued against 66,775 in 1896–97, the amount involved being Rs. 4,97,387 against Rs. 5,34,133. Warrants were issued in 60,282 of these cases against 53,371 in the previous year, but the number of processes remaining unexecuted at the close of the year was considerably less than in 1896–97, being 7,202 or only 10·2 per cent. of the total number for execution against 10,397 or 17·2 per cent. The total amount recovered by means of coercive processes was Rs. 5,31,924 against Rs. 3,85,778 in 1896–97, and the number of cases in which property was sold rose from 853 to 1,573, the amount realized being Rs. 2,031 against Rs. 1,132. Prosecutions were instituted in 2,954 cases against 1,537 in the previous year.

8. *Incidence of Taxation.*—The incidence of municipal taxation per head of the population rose from Rs. 1–15–2 to Rs. 2–4–4, the increase being due to larger collections under the principal taxes. The incidence of the tax on arts was Rupees 1–8–1 per person assessed against Rs. 19–6–7 in the previous year, and that of the tax on buildings and lands Rs. 13–1–3 per building or land taxed against Rs. 13–0–4. Including the water and lighting taxes, the average tax paid on each house or land was Rs. 19–14–11 against Rs. 19–13–8 in 1896–97.

B.—Revenue derived from Municipal Property and under Powers apart from Taxation.

9. The total receipts under this head amounted to Rs. 2,92,960 against Rupees 1,440 in the previous year, the increase appearing chiefly under sewage farms, license fees and premia on loans and being due in the case of licensefees to the collection fees under the Petroleum Act and to arrear collections. On the other hand, there was a decline in the income from markets and from fees for the slaughter of animals for food, which is explained in paragraphs 58 and 63 of the President's report.

10. *Grants from Government.*—A sum of Rs. 3,433 was paid by Government as compensation for the exemption of military officers from the tax on salaries against Rs. 3 in 1896–97. In addition to this the usual contributions for roads

(Rs. 9,058), for repairing the bridges over the Cooum and the Buckingham Canal (Rs. 4,443), for withholding the levy of taxes on places used for the sale of spirituous and intoxicating liquors (Rs. 13,607) and for the zoological collections in the People's Park (Rs. 2,000) were received during the year.

11. *Miscellaneous.*—The receipts under this head amounted to Rs. 34,647 against Rs. 38,110 in 1896–97, the decrease occurring under all the heads except "other items."

III.—Expenditure.

12. The total expenditure was Rs. 17,03,577 against Rs. 17,10,540 and Rupees 17,46,560 provided in the budget and revised estimates, respectively, and Rupees 15,56,876 incurred in 1896–97. The decrease, as compared with the revised estimate, occurs under all grants, and the increase over the actuals of the previous year mainly under grant 1. About 47 per cent. of the total expenditure was devoted to public works, 1 per cent. to education, 23 per cent. to medical services and sanitation, 7½ per cent. to lighting and miscellaneous, 5 per cent. to supervision and management, and 13 per cent. to repayment of debt, &c., the corresponding figures for the previous year being 39, 1, 26, 12, 6 and 16 per cent.

13. *Public Works—Communications.*—The outlay on new works—communications was Rs. 6,285 and that on repairs Rs. 1,23,154 against the revised estimates of Rs. 9,970 and Rs. 1,40,940, respectively, the decrease under both heads being due to the non-adjustment of some claims for work done. Three and three-quarter miles of road were metalled for the first time during the year. Of the expenditure on repairs, Rs. 70,027 were spent on re-metalling 23¼ miles of road, Rs. 50,081 on ordinary repairs to roads, and Rs. 3,046 on repairs to bridges, culverts and foot-paths and other petty works. The condition of the roads is stated to have been no worse than in the previous year, but it is observed that the report for 1896–97 is silent on this point. In future, some information should be given as to the state of the main thoroughfares and of the minor roads.

14. *Buildings.*—The expenditure under this head was Rs. 1,03,955, of which Rs. 97,233 were incurred on new works and Rs. 6,722 on repairs, against the revised estimates of Rs. 1,22,810 and Rs. 9,640, respectively. The short outlay under works was due chiefly to the non-utilization of the entire allotment for the market. The only new works of importance undertaken during the year were construction of an incinerator and of a new market, on which Rs. 56,838 and 21,443, respectively, were spent up to the 31st March 1898, out of an estimate lakh for each. The site of the Kilpauk cemetery was also levelled and provi paths and roads at a total cost of Rs. 15,180.

15. *Drainage.*—Under this head the expenditure on new works am Rs. 2,05,180 as compared with the revised estimate of Rs. 1,58,090. The d Mylapore, which had been undertaken in 1896–97, was in progress, and the required for the drains along the Ice House and Sydenham's roads were obt during the year under review, but the total expenditure on these works before its was only Rs. 2,33,607 against an allotment of 3½ lakhs. The outlay on minor was Rs. 9,393 under new works and Rs. 3,908 under repairs, against Rs. and Rs. 8,424, respectively, in the previous year. The charges of pumping Napier Park fell slightly, but in the case of the Rayapuram, Kistnampet DeMellow's Road pumping stations there was an increase which was due to rer and additions made to the plant and to the examination of the engines by the I Inspector.

16. *Water-supply.*—The outlay under this head amounted to Rs. 69,61 Rs. 6,504 were spent on new works and Rs. 63,109 on repairs, against s and Rs. 57,897, respectively, in the previous year. During the year ur 1,864 yards of water pipes were laid and 26 fountains were erected age yards of pipes and 96 fountains in 1896–97. The total number of four 31st March 1898 was thus 1,168, or on an average one for every ·01 s the area supplied with water and for every 299 inhabitants in that area quantity of water-supply to the town exceeded that in the previous year

cent., and although the quality of the water in the Red Hills lake, as shown by the analysis, was "bad", yet the water as distributed after filtration was pronounced "usable". Plans and estimates of a scheme for the partial improvement of the water-supply of the city are now under preparation by the Municipal Engineer. Meanwhile the Commissioners have undertaken the work of cleaning certain water pipes at a cost of Rs. 50,000 and have obtained the sanction of Government to raise a loan of this amount in the open market.

17. *Miscellaneous.*—No work of importance falling under this head was undertaken during the year. The Government notes with pleasure the liberality of the gentlemen named in the statement given in page 121 of the President's report.

18. *Education.*—The expenditure under this head was Rs. 11,890 against Rs. 12,304 in the previous year, the decrease being mainly under result grants. A sum of Rs. 150 was spent on stipends to teachers attending the sessional schools, Rs. 1,202 in maintaining two inspecting schoolmasters, and Rs. 10,538 in aiding schools with result, building and furniture grants. At the close of the year there were 13 secondary and 137 primary schools against 11 and 137, respectively, in 1896–97. On the 31st March 1898 there were on the rolls of these institutions 9,083 boys and 845 girls against 8,785 and 837, respectively, in the previous year. There was an increase in the attendance at these schools, and the number of pupils presented for the grant examinations was 4,710, or 13 more than in the previous year. As many as 77·5 per cent. of these were found qualified for grants against 74·8 per cent. in 1896–97, and 95·9 per cent. of the allotment for grants was utilized. The proportion of unqualified teachers employed in the aided schools is unduly large and should be reduced. The attention of the Commissioners will be drawn to the remarks on this subject in paragraph 18 of G.O., No. 2852 M., dated 20th December 1897.

19. *Medical relief.*—As in previous years, the Commissioners maintained the Triplicane hospital and the Black Town dispensary. The expenditure on these institutions amounted to Rs. 19,935 against Rs. 21,279 in 1896–97. The decrease, common both and is ascribed in the first case to savings under "Miscellaneous charges," in the second to delay in the presentation of bills for the supply of medicines. The usual contributions of Rs. 20,000 and Rs. 6,378 were paid to Government towards the maintenance of the General Hospital and the Medical College respectively, and a grant of Rs. 1,740 was made to the St. Thomé and St. Thomas' Convent dispensaries and the Victoria Caste and Gosha hospital.

The numbers of patients treated in these institutions are compared below with the figures of the previous year :—

	1896-97.	1897-98.
Triplicane hospital—		
In-door	972	1,353
Out-door	29,568	28,280
Black Town dispensary—		
Out-door	43,304	47,305
St. Thomé dispensary	10,204	10,116
St. Thomas' Convent dispensary	[illegible]	47,786
Victoria Caste and Gosha hospital	11,246	12,177

* The figure for 1896-97 is not known.

The increase in the number of in-patients treated at the Triplicane hospital is ascribed to the admission of numerous cases of small-pox treated in the Kistnampet isolation hospital annexed thereto, and the decrease in the out patients to frequent changes in the medical subordinates attached to the out-patients' department. The attention of the Commissioners is drawn to the remarks and suggestions of the Medical Officer regarding the repairs required to the hospital buildings.

20. *Vaccination.*—The total number of vaccine operations performed during the year rose from 27,021 to 33,082, the increase being due chiefly to a large number of people resorting to vaccination owing to the prevalence of small-pox in the latter part of the year. Of this number 30,426 or 67·2 per mille of the population are stated to have been successful against 24,813 or 54·8 per mille in 1896–97; the percentage of reported success was almost the same in both years (92·0), but the net cost of each successful operation was reduced by eleven pies. Of the total number of operations performed, 24,828 were primary vaccinations and 8,254 re-vaccinations, against

19,193 and 7,828, respectively, in the previous year, but the percentage of success in both cases was almost the same as in that year, viz., 99·6 in primary vaccinations and 86·9 in re-vaccinations. The report on the high proportion of success in re-vaccinations, called for in G.O., No. 2201 M., dated 17th October 1897, and referred to in paragraph 148 of the President's report, has since been received and referred to the Sanitary Commissioner for remarks. During the year under review small-pox was epidemic in all parts of the city and caused 141 deaths, which is the largest number on record since 1884. The number of children under one year of age successfully vaccinated was 15,083, or 33·3 per mille of the population, against 12,929 or 28·6 per mille in 1896–97. Excluding still-births, the total number of births registered during the year was 18,437; but of the children born 5,100 are said to have died before they reached the age of one year. The number of children available for vaccination was thus 13,337; but as only 11,300 of the 15,083 children successfully vaccinated during the year appear to have been born in Madras, it is evident that more than 15 per cent. of the children available for vaccination and born in the city remained unprotected. Only 424 summonses against 729 in 1896–97 were taken out against parents and guardians for failure to have their children vaccinated. The number of cases in which the parties were fined was 255 and the amount of fines imposed was Rs. 207 against Rs. 379 in the previous year. The attention of the Judicial Department will be drawn to the President's remarks in paragraph 159 of his report regarding the inadequacy of the fines imposed by the Magistrates in these cases. The suggestion made by the President in paragraph 157 should form the subject of a separate communication.

21. *Vital statistics.*—The births and deaths registered in 1897 are compared below with the figures of the previous year:—

—	Births.	Rate per mille.	Deaths.	Rate per mille.
1896	18,684	41·2	17,131	37·8
1897	18,702	41·3	16,086	35·5

The births registered were eighteen more than in 1896, but there was a decline of 1,045 under deaths. Classified according to diseases, the decrease in the number of deaths occurs under all the heads except small-pox and cholera, while according to age it was largest in the case of children under one year, whose death-rate, however, fell from 407·5 to 369·6 per mille. The Government notes with approval the preventive measures adopted by the Commissioners against the bubonic plague, from which, however, there were two deaths during the year under review, and is confident that they will spare no pains to combat the disease, should it unhappily establish itself in Madras.

22. *Sanitation.*—The total outlay under this head was Rs. 3,14,426 against Rs. 2,73,470 and Rs. 3,26,770, respectively, provided in the budget and revised estimates and Rs. 3,38,914 spent in 1896–97, the decrease, as compared with the revised estimate, being due to savings under establishment, street and house-to-house conservancy and epidemic charges and to the existence of unclaimed outstandings. As in the previous year, the Commissioners themselves employed the scavengers and had their own conservancy carts, but the bullocks and drivers were supplied by contractors. It is satisfactory to note that there was a marked improvement in the attendance of the conservancy coolies during the year. The proposal to make adequate provision to prevent strikes among scavengers referred to in paragraph 191(i) of the President's report should be made in a separate communication. Although no material improvement was made during the year in the sanitary condition of the city, several measures of reform were in progress. The scheme for the drainage of Mylapore was in progress. An incinerator for the destruction of rubbish and a new general market were in course of construction. Some objectionable burning and burial grounds, situated in the midst of inhabited areas, were closed and others opened instead, and a paracherry was improved by the opening of a street. But until adequate provision is made for the effective drainage of the whole city, for the supply of wholesome water and for other sanitary improvements of prime importance, the health of the town cannot be expected to make any advance on the unsatisfactory state in which it is at

present. Pending, however, the introduction of these major measures of reform, which it will take several years to carry out, the Commissioners should exert themselves to remedy the other defects pointed out in paragraph 191 of the President's report. Only five additional latrines were built during the year, making a total of 225 latrines—a number altogether inadequate for a population of 452,518 according to the census of 1891.

The sewage farms were worked at a profit of Rs. 33,545 against Rs. 2,851 in the previous year, the increase being due to their having been leased out for a larger sum than in 1896–97 and to the larger extent of land cultivated.

23. *Lighting.*—The outlay under this head was Rs. 64,981 against Rs. 68,647 in the previous year. During the year under review 83 additional lamps were put up, making a total of 5,837, or 201 to the square mile.

24. *Parks.*—The People's Park was worked at a net cost to the municipality of Rs. 11,618 against Rs. 11,381 in 1896–97, but the Napier Park brought in a profit of Rs. 301 against Rs. 258. The Robinson Park, which was under the control of a private committee, was also worked at a profit of Rs. 1,608.

25. *Financial position.*—The financial position of the municipality is shown below:—

	Rs.
Assets—	
Current balance	3,05,396
Sinking Fund of loans	12,19,212
Value of premises, tools and plant	~~8,64,095~~
Advances recoverable	97,914
Total ..	~~24,86,617~~
Liabilities—	
Loans	33,70,000

The municipal debt outstanding at the close of the year was Rs. 33,70,000 against Rs. 32,70,000 in 1896–97. During the year under review Rs. 54,770 were paid towards the Sinking Fund and Rs. 1,51,065 towards interest, making a total of Rs. 2,05,835.

26. *General remarks.*—The President's report, which is full and clear, has again been submitted punctually. The administration of the municipality during the year under review continued to be on the whole efficient. The improvement of the sanitary condition of the town is, however, a matter which calls for the earnest and continued attention of the Commissioners, while it is believed that ~~of~~ the present powers of taxation were fully worked, a considerable increase of income might be secured.

(True Extract.)

Secretary to Government.

Endorsement—No. 2201 dated 17th December 1898.

Copy to the Government of India, Home Department.

H. TREMENHEERE,
Secretary to Government

To the President, Municipal Commission, Madras
" Surgeon-General.
" Sanitary Board.
" " Commissioner.
" Director of Public Instruction.
" Accountant-General.
" Sanitary Engineer.
" Public Works Department.
" Judicial Department, with reference to paragraph 20.
Editors' Table.

Exd. C. M. Thumbuswamy.

24. *Parks.*—The People's Park was worked
Rs. 11,618 against Rs. 11,381 in 1896-97, the
Rs. 301 against Rs. 2,58 . The Robinson Par
a private committee, was also worked at a profit

25. *Finpancial position.*—The financial posi
below :—

Assets—	
Current balance	
Sinking Fund of loans	
Value of premises, tools and plant ..	
Advances recoverable	
Liabilities—	
Loans	

The municipal debt outstanding at the clos
Rs. 32,70,000 in 18 . During the year
towards the Sinking and
Rs. 2,05,835.

26. *General remar*
been submitted with
pality during the ye
improvement of the
for the earnest and
that of the former
fully worker, a
V.R. 24/11/98 proportionate

ENDORSEMENT—No. , dated

Copy to the Government of In

To the President, Municipal Commission, Madras.
" Surgeon-General.
" Sanitary Board.
" " Commissioner.
" Director of Public Instruction.
" Accountant-General.
" Sanitary Engineer.
" Public Works Department.
" Judicial Department,
Editors' Table.

successfully
vaccinated during the year appear to have
more than 15 per cent. of the children avail-
remained unprotected. Only 424 summo
out against parents and guardians for failure
number of cases in which the parties were
imposed was Rs. 207 against Rs. 379 in th
Judicial Department is drawn to the Pre
report regarding the inadequacy of the
cases. The suggestion made by the Presi
subject of a separate communication.

21. *Vital statistics.*—The
compared below with the figures of the previ

—	Births.
1896	18,684
1897	18,702

The births registered were eighteen m
of 1,045 under deaths. Classified accordin
of deaths occurs under all the h
age it was largest in the case
fell from 407·5 to 369·6 per
ventive measures adopted by t
however, there w
will spare no p

22. *Sanitation.*—The
Rs. 2,73,470 and Rs. 3,26,7
estimates and Rs. 3,38,914 spe
revised estimate, being due to savings und
conservancy and epidemic charge and to
As in the previous year, the Commissioners
had their own conservancy carts, but the
contractors. It is satisfactory to note that
attendance of the conservancy coolies du
adequate provision to prevent strikes among
of the President's report should be made
no material improvement was made during
city, several measures of reform were in
Mylapore was approaching complet
and a new general market were in co
and burial grounds, situated in the midst o
opened instead, and a paracherry was impro
adequate provision is made for the effective
wholesome water and other sanitary imp
purification of the Cooum is accomplished,
to make any advance on the unsatisfactor
however, the introduction of these measur
to carry out, the Commissioners should ex
several defects of minor importance point
report. Only five additional latrines were
latrines—a number altogether inadequate
the census of 1891. The sewage farms we
Rs. 2,851 in the previous year, the increas
leased out on contract for a longer term

23. *Lighting.*—The outlay under this
in the previous year. During the year un
making a total of 5,837, or 201 to the squa

Rs. 1,202 in maintaining the two inspecting
schools with result, building and furniture
were 13 secondary and 137 primary school
1896–97. On the 31st March 1898 there w
9,083 boys and 845 girls against 8,785 and
There was an increase in the attendance at th
presented for the grant examinations was 4
year. As many as 77·6 per cent. of these w
74·8 per cent. in 1896–97, and 95·9 per cent.
The proportion of unqualified teachers employ
and should be reduced. The attention of the
remarks on this subject in paragraph 18 of G.
1897.

19. *Medical relief.*—As in previous yea
Triplicane hospital and the Black Town dispen
tions amounted to Rs. 19,935 against Rs. 21,
under both and is ascribed in the first case to
and in the second to delay in the presentatio
The usual contributions of Rs. 20,000 and
towards the maintenance of the General Hosp
and a grant of Rs. 1,740 was made to the
dispensaries and the Victoria Caste and Gosha

The number of patients treated in the
the figures of the previous year

Triplicane hospital—	
In-door	
Out-door	
Black Town dispensary—	
Out-door	
St. Thomé dispensary	
St. Thomas' Convent dispensary ..	
Victoria Caste Gosha hospital	

The increase in the number of in-patien
ascribed to the admission of numerous cases
isolation hospital, and the decrease in the
medical subordinates attached to the out pa
Commissioners is drawn to the remarks and
ing the repairs required to the hospital buildi

20. *Vaccination.*—The total number of
year rose from 27,021 to 33,082, the in
people having got themselves vaccinat
latter part of the year. Of this numb
tion are stated to have been successfu
the percentage of reported success was almos
net cost of each successful operation was r
of operations performed, 24,828 were pri
against 19,193 and 7,828, respectively, the
success in both cases was almost the same
ations and 869 infre-vaccinations. The re
vaccinations, called for in G.O., No. 2201
to in paragraph 148 of the President's report
to the Sanitary Commissioner for remarks.
was epidemic in all parts of the city and
number on record since 1884. The numb
successfully vaccinated was 19,083, or 33·3
or 28·6 per mille in 1896–97. Excluding
registered during the year was 18,437; bu
to have died before they reached the age
available for vaccination was thus 13,337;

12. The total expenditure was Rs. 17,03,5specting
17,46,560 provided in the budget and revis arniture
15,56,876 incurred in 1896–97. The decrease, ry school
occurs under all grants, and the increase over 8 there w
under grant 1. About 47 per cent. of the to 785 and 8
works, 1 per cent. to education, 23 per cent. ice at th
per cent. to lighting and miscellaneous, 5 perns was 4
and 13 per cent. to repayment of debt, &c., the these we
year being 39, 1, 26, 12, 6 and 16 per cent. per cent.

13. *Public Works—Communications.*—The employ
was Rs. 6,285 and that on repairs Rs. 1,23 of the
Rs. 9,970 and Rs. 1,40,940, respectively, the d 18 of G.
the non-adjustment of some claims for work do
road were metalled for the first time during the ous yea
Rs. 70,027 re spent on re-metalling 23½ m dispen
repairs to r nd Rs. 3,046 on repairs to Rs. 21,
other pet The roads of the circle to
toleral 8 m the presentatic
1 of Rs. 20,000 and
Rs. 9 nce of the General Hospi
estim 1,740 was made to the
works was due ch to the ictoria Caste and Gosh
market. The only new works o e site of the Kilpauk co
construction of an incinerator at a total cost of Rs. 15,18
21,443, respectively, were
lakh for each. Th ainage.—Under this head the
paths and roads 05,180 as compared with the revised e
Dr ylapore, which was undertaken in 1 6–97,
for the drains along the Ice House and Sydenha
under review, but the total expenditure on these
2,33,607 against an allotment of 3½ lakhs. T
under new works and Rs. 3,908 under repa
respectively, in the previous year. The charg
slightly, but in the case of the Rayapuram, Kis
stations there was an increase which was due
plant and to the examination of the engines by

16. *Water-supply.*—The outlay under this
Rs. 6,501 were spent on new works and
and Rs. 57,897, respectively, in the previous
1,864 yards of water pipes were laid, and 2
yards of pipes and 96 fountains in 1896–97.
31st March 1898 was thus 1,168 or on an
the area supplied with water and for every
quantity of water-supply to the town exce
cent. the quality of the Red Hills
Plans and estimates of a scheme for the par
the city are now under preparation by the
Commissioners have undertaken the work o
Rs. 50,000 and have obtained the sanction
amount in the open market.

17. *Miscellaneous.*—No work of impor
taken during the year. The Government
gentlemen named in the statement given in p

18. *Education.*—The expenditure under
Rs. 12,304 in the previous year, the decrea
sum of Rs. 150 was spent on stipends to

The condition of the road is stated to have been no worse than in the previous year, but it is observed that the report for 1896-97 is silent on the point. In fact some [illegible] 3½ lakhs have been spent on the Trunk Road and on minor roads. Before [illegible] is satisfied with the [illegible] of the Trunk Road

(But I will not go into details. There are many worse roads than the Mt. Road! MA)

Kept the water distributed after filtration was pronounced "usable".

M.A.

8. *Incidence of Taxation.*—The incidenc
population rose from Rs. 1-15-2 to Rs. 2-
collections under the principal taxes. The i
19-8-1 per person assessed against Rs. 19-6
tax on buildings and lands Rs. 13-1-3 per bu
Including the water and lighting taxes, the
was Rs. 19-14-11 against Rs. 19-13-8 in 18

B.—Revenue derived fro Municipal Propert

9. The total receipts under this head a
2,71,440 in the previous year, the increase
licensefees and premia on loans and being
collection of fees under the Petroleum Act an
There was a decline in the income from mark
for food, which is explained in paragraphs 58

10. *Grants from Government.*—A sum o
compensation for the exemption of military
Rs. 3,796 in 1896-97. In addition to this,
9,058), for repairing the bridges over the Co
4,443), for withholding the levy of taxes o
and intoxicating liquors (Rs. 13,607) and for
Park (Rs. 2,000) were received during the y

11. *Miscellaneous.*—The receipts under
Rs. 38,110 in 1896-97, the d crease occurr
items."

A.—Revenue derived

6. The following statement shows the
and arrears—under the several taxes :—

Curren

Tax.	Demand as originally assessed.	Remitted on appeal.	Demand as finally settled.
	Rs.	Rs.	Rs.
Tax on arts, &c.	70,203	113	70,090
,, on buildings and lands	5,32,246	5,670	5,26,576
Water-tax	2,12,575	2,258	2,10,317
Lighting-tax	66,543	709	65,834
Tax on vehicles with springs and animals	60,097	8	60,089
Tax on carts	20,218	16	20,202
Tolls	42,005	..	42,005
Total .	10,03,887	8,774	9,95,113
Total for 1896–97 ..	9,89,859	9,716	9,80,149

Arrea

Tax.	D U- den	Collected.
	Rs.	R
Tax on arts, &c.	3,237	
,, on buildings and lands	86,211	75
Water-tax	34,448	29
Tax on vehicles and animals	10,823	9,
,, on carts	100	
Total .	1,42,781	1,19,47
Total for 1896–97 ..	58,026	40,72

The net current demand under all the h
increase over that of the previous year, which
on buildings and lands and water-tax, owing
ments in the first municipal division and par
in the others. The remissions granted on a
cent. of the gross demand against Rs. 9,710
collections under the principal taxes imp ed
case of the arrears under the tax on vehicles a
than one half of the demand was written off
observe that the total receipts from taxati
the largest on record in the past ten years.
demand and Rs. 7,569 of the arrear demand
and written off as irrecoverable; but, not
arrears under the tax on buildings dating ba
the municipal books. Very early steps sho

7. *Coercive Processes.*—For the collectio
notices were issued against 66,775 in 1896-9
against Rs. 5,34,133. Warrants were issue
in the previous year, but the number of proc
of the year, was considerably less than in 18
of the total number for execution against 10,
recovered by means of coercive processes wa
1896-97, and the number of cases in which pr
the amount realized being Rs. 2,031 against
in 2,954 cases against 1,337 in the previous y

Charges—cont.

GRANT 3—	
Hospitals and Dispensaries	
Contributions	
Vaccination	
Registration of Births and Deaths	
Conservancy, Road-cleaning and Road-watering ..	
To	
GRANT 4—	
Lighting	
Markets and Slaughter-houses	
Avenues	
Public Garden, Survey of Land, Fire and other Charges	
To	
GRANT 5—	
Supervision and Management	
Repayment of Debts	
Interest on Loan	
Advances Recoverable	
Refunds	
Pensions and Gratuities	
Grand To	
Balance	

Co

I.—CONSTITUT

2. During the year under revie
nued to hold the office of President
latter officer, however took leave on pr
1897, and Mr. S. Loan, the Assistant
Nield Cook, the Health Officer, having r
1897, the duties of that office were perfo
1898, and by Mr. Mathew, the Assistant
place as a temporary measure, until the
J. W. Cornwall, who was permanently
office. Muhammad Safdar Husain Sáh
having been appointed ~~as such~~ in the
Chettiyar who retired on the 31st March

3. Fifteen elective seats on the com
these were not contested, but at the el
59·8 per cent. of the registered number
the poll, against 42·1 per cent. in 189
Mufassal Municipalities in that year. T
with the result that the number rose fr

4. As in the previous year, twenty
the average attendance at each meeting

II.

5. Excluding the opening balan
Rs. 15,30,242 against Rs. 14,42,070 a
revised estimates, respectively, and Rs
as compared with the actuals of the p
buildings, water and lighting taxes, a
decrease under grants from Government
budget estimate also, there was an incre
license fees.

...nized being Rs. 2,031 against 1
...2,954 cases against 1,337 in the previous y

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

From the President, Municipal Commissioner, Madras, dated 31st August 1898.

ORDER—No. M., dated November 1898.

The receipts and charges of the Madras Municipality for 1897–98 are compared below with the budget and revised estimates for the year and the actuals of 1896–97:—

	Actuals, 1896-97.	Budget estimate, 1897-98.	Revised estimate, 1897-98.	Actuals, 1897-98.
	Rs.	Rs.	Rs.	Rs.
Receipts.				
Balance brought forward	4,78,731	3,63,020	4,78,736	4,78,731
Tax on Arts	5,99,493	67,000	68,000	70,548
" Buildings and Lands	69,992	5,19,400	5,64,500	5,50,421
Water-tax on Buildings and Lands	58,385	2,07,360	2,25,580	2,19,790
Lighting tax on Building and Lands	1,82,935	64,910	70,560	68,807
Tax on Vehicles and Animals	57,325	53,000	57,000	56,524
" Carts	51,[illegible]	19,500	20,100	20,263
Tolls	1,81[illegible]0	42,000	42,000	42,005
Rent of Lands, Buildings, &c., and Sale-proceeds of Lands, &c.	41,252	76,420	76,950	75,622
Conservancy Receipts	67,595	6,660	6,790	6,910
Income from Markets and Slaughter-houses	5,550	27,220	27,940	25,448
License Fees	25,566	1,39,000	1,35,250	1,57,695
Other Fees	1,50,003	6,390	6,390	8,605
Fines under Municipal and other Acts	6,656	3,500	3,500	3,859
Interest on Investments and Premium on Loans	4,069	10,500	14,820	14,820
Grants and Contributions from Government	12,000	33,010	32,910	32,541
Miscellaneous	1,82,9[illegible]4	32,200	30,300	34,647
Loans	38,110	1,00,000	1,00,000	1,00,000
Sale-proceeds of Government Securities, &c., and Realizations of Sinking Fund	..	..	..	..
Advances Recovered	27,105	28,000	28,000	28,124
	36,216	6,000	6,020	13,613
Total ..	20,35,607	18,05,090	19,95,340	20,08,973
Charges.				
GRANT 1—				
New Works—				
Communications	9,661	1,500	9,970	6,285
Buildings	32,143	83,310	1,22,810	97,233
Drainage	55,371	3,14,090	1,58,090	2,05,180
Water-supply	56,521	6,000	8,570	6,504
Miscellaneous Public Improvements	337	500	200	7,487
Repairs—	2,33,403	1,10,210	1,40,940	1,23,154
Communications	14,724	3,800	9,640	6,722
Buildings	1,76,305	1,91,900	2,12,040	2,25,001
Drainage	57,897	56,250	64,060	63,109
Water-supply	186	1,110	810	644
Miscellaneous Public Improvements	28,623	30,460	31,240	30,787
Establishment	41,603	39,570	46,870	25,136
Tools and Plant and other Stores	6,06,774	8,38,700	8,05,210	7,97,242
Total ..				
GRANT 2—	312	1,000	1,000	150
Training Schools	10,072	10,000	10,050	9,595
Grants-in-aid—	718	1,500	2,200	943
Result Grants	1,202	1,190	1,200	1,202
Building, Furniture, &c., Grants	12,304	13,690	14,450	11,890
Inspection				
Total ..				

	Actuals, 1896-97.	Budget estimate, 1897-98.	Revised estimate, 1897-98.	Actuals, 1897-98.
	Rs.	Rs.	Rs.	Rs.
..	21,279	26,000	22,710	19,935
..	27,118	27,840	29,740	28,118
..	11,759	11,370	11,520	11,579
..	8,688	8,770	9,220	9,051
..	3,38,914	2,73,470	3,26,770	3,14,426
	4,07,758	3,47,450	3,99,960	3,83,109
..	68,647	71,040	66,450	64,981
..	6,028	5,430	5,730	4,818
..	3,049	3,400	3,900	3,465
..	1,09,928	1,18,100	1,22,380	1,16,838
	1,87,652	1,97,970	1,98,460	1,90,102
..	99,919	90,520	94,300	92,634
..	[illegible],920	54,770	54,770	54,770
..	1,53,305	1,51,220	1,55,410	1,51,065
..	24,002	..	6,020	5,185
..	7,544	5,000	6,500	6,189
..	6,198	11,220	11,450	11,391
..	[illegible],66,876	17,10,540	17,46,560	17,03,577
..	[illegible]	94,550	2,48,780	3,05,396

[illegible]

THE COMMISSION.

Lieutenant-Colonel Sir George Moore continued Mr. R. E. Ellis that of Engineer. The ... for six months from the 2nd May ... Medical Engineer, acted for him. Dr. J. ... signed by appointment on the 31st December ... ted by the President until the 11th January ... Health Officer, who was appointed to act in the ... 4th March 1898, when Surgeon-Lieutenant ... appointed Health Officer, took charge of the ... was Revenue officer throughout the year, ... place of Diwan Bahadur P. Ramaswami ... 1897.

... mission fell vacant during the year. Five of ... one held to fill the remaining ten vacancies, ... voters in the divisions concerned attended ... and an average of 59·7 per cent. for ... list of persons qualified to vote was revised ... 5,500 to 5,720.

... sittings were held by the Commissioners, and ... 23 or one more than in that year.

RECEIPTS.

... the total receipts of the year amounted to ... Rs. 15,16,610, anticipated in the budget and ... 16,36,114 realized in 1896–97. The increase ... previous year occurs mainly under the tax on ... loans, and is partly counterbalanced by a ... and advances recovered. Compared with the ... decrease, which appears chiefly under taxation and

n Taxation.

and, collection and balance—current

cted.	Remitted.	Written off as irrecoverable.	Balance.	Percentage of collection to net demand.
	Rs.	Rs.	Rs.	
	..	..	1,994	97·2
1,096	..	..	45,040	90·3
5,298	5,638	..	18,325	90·3
39,808	2,184	..	5,743	90·3
69,417	674	..	6,000	90·0
4,089	..	..		
		32	4	99·8
0,166	..	..	..	109·0
2,005	..			
8,879	8,496	32	77,706	91·3
9,619	10,426	213	1,29,891	85·7

Remitted	Written off as irrecoverable.	Balance.	Percentage of collection to demand.
Rs.	Rs.	Rs.	
	577	208	75·7
..	285	9,199	87·1
1,604	111	3,702	87·0
653		1,196	86·8
	4,101	1,429	30·6
	1	2	97·0
2,457	5,112	15,736	83·7
1,392	1,791	14,123	70·2

lds, except the tax on arts, showed an was considerable in the case of the tax artly to the general revision of assess- y to the ordinary revision carried out peal amounted to Rs. 8,774 or ·9 per nearly 1 per cent. in 1896–97. The ge ally and were good except in the ra als, under which, however, more irrecoverable. It is gratifying to amounting to Rs. 10,28,358, were um of Rs. 8,528 out of the current er the several taxes were remitted nding these large remissions, old o 1892–93 were still outstanding on be taken to adjust them. The Govt. of the several taxes 70,053 demand he amount involved being Rs. 4,97,397 60,282 of these cases against 53,371 es remaining unexecuted at the close –97, being 7,202 or only 10 per cent. 97 or 17·2 per cent. The total amount Rs. 5,31,924 against Rs. 3,85,778 in ry was sold rose from 853 to 1,573, ,132. Prosecutions were instituted

f municipal taxation per head of the
4, the increase being due to larger
lence of the tax on arts was Rupees
in the previous year, and that of the
ng or land taxed against Rs. 13–0–4.
rage tax paid on each house or land
97.

d under Powers apart from Taxation.

nted to Rs. 2,92,960 against Rupees
pearing chiefly under sewage farms,
e in the case of license fees to the
, arrear collections on the other hand,
and fees for the slaughter of animals
1 63 of the President's report.

Rs. 3,433 was paid by Government as
licers from the tax on salaries against
usual contributions for roads (Rupees
n and the Buckingham Canal (Rupees
places used for the sale of spirituous
e zoological collections in the People's

head amounted to Rs. 34,647 against
g under the heads except "other

URE.

7 against Rs. 17,10,540 and Rupees
estimates, respectively, and Rupees
s compared with the revised estimate,
e actuals of the previous year mainly
l expenditure was devoted to public
o medical services and sanitation, 11
cent. to supervision and management,
orresponding figures for the previous

utlay on new works—communications
154 against the revised estimates of
crease under both heads being due to
c. Three and three-~~fourths~~ miles of
ar. Of the expenditure on repairs
s of road, Rs. 50,081 on ordinary
dges, culverts and foot-paths and
~~stated to have been maintained in~~

s head the was Rs. 1,03,955, of which
6,722 on repairs, against the revised
ctively. The short outlay under new
of the entire allotment for the new
dertaken during the year were the
on which Rs. 56,838 and Rupees
h 18[illegible] of an estimate of one
lso levelled and provided with

on new works amounted to
s. 1,58,090. The drainage of
[illegible]gress, and the pipes required
's roads were obtained during the year
works before its close was only Rupees
outlay on minor drains was Rs. 9,393
against Rs. 15,548 and Rs. 8,424,
s of pumping at the Napier Park fell
ampet and DeMellow's road pumping
repairs and additions made to the
ne Boiler Inspector.

ad amounted to Rs. 69,613, of which
,109 on repairs, against Rs. 56,521
ear. During the year under review
tains were erected against 20,169
he total number of fountains on the
ge, one for every ·01 square mile of
abitants in that area. The total
in the previous year by about 6 per
own by the analysis, was "bad,"
provement of the water-supply of
unicipal Engineer. Meanwhile the
eaning the water pipes at a cost of
Government to raise a loan of this

falling under this head was under-
s with pleasure the liberality of the
121 of the President's report.

this head was Rs. 11,890 against
eing mainly under result grants. A
hers attending the sessional schools,

asters, and Rs. 10,538 in aiding

At the close of the year there
inst 11 and 137, respectively in
on the rolls of these institutions
, respectively, in the previous year.
e schools and the number of pupils
0, or 13 more than in the previous
found qualified for grants, against
the allotment for grants was utilized.
in the aided schools is unduly large
ommissioners will be drawn to the
No. 2852 M., dated 20th December

the Commissioners maintained the
The expenditure on these institu-
in 1896–97. The decrease occurs
gs under "Miscellaneous charges,"
bills for the supply of medicines.
. 6,378 were paid to Government
and the Medical Colle e respectively,
t. Thomé and St. Thomas' Convent
spital.

stitutions are compared below with

	1896–97.	1897–98.
	972	1,353
	29,563	28,280
	43,304	47,305
	10,204	10,116
		47,786
	11,246	12,477

treated at the Triplicane hospital is
small-pox treated in the Kistnampet
atients to frequent changes in the
department. The attention of the
ons of the medical officer regard-

sep ons performed during the
yea ne openly to a large number of
ss. ng dvalence of small-pox in the
cine o the 2 per mille of the popula-
truc or 54·8 per mille in 1896–97;
uha 4,8 in both years (92·0), but the
by the ven pies. Of the total number
lations and 8,254 re-vaccinations,
ious year, but the percentage of
year, viz., 99·6 in primary vaccin-
efore high proportion of success in re-
erd 11th October 1897, and referred
ice been received and refereneed
the year under review small-pox
d 141 deaths, which is the largest
of children under one year of age
mille of the population, against 12,929
till-births, the total number of births
of the children born 5,100 are said
one year. The number of children
s only 11,300 of the 15,083 children

born in Madras, it is evident that
for vaccination and born in the city
against 729 in 1896–97 were taken
have their children vaccinated. The
ued was 255, and the amount of fines
previous year. The attention of the
nt's remarks in paragraph 159 of his
imposed by the Magistrates in these
ent : a paragraph 157 should form the

ths and deaths registered in 1897 are
us year :—

nille.	Deaths.	Rate per mille.
	17,131	37·8
	16,086	35·5

than in 1896, but there was a decline
to diseases, the decrease in the number
all-pox and cholera, while according to
one year those death-rate, however,
wa[illegible] with approval the pre-
amen[illegible] bubonic plague, from which,
[illegible]strict review, and trusts that they
[illegible] the [illegible]pply break out in Madras.
wever [illegible]nead was Rs. 3,14,426 against
ers[illegible]d in the budget and revised
[illegible]decrease, as compared with the
ablishment, street and house-to-house
existence of unclaimed outstandings.
emselves employed the scavengers and
cks and drivers were supplied by the
was a marked improvement in the
e year, and the proposal to make
gers referred to in paragraph 191 (i)
separate communication. Although
year [illegible]e sanitary condition of the
ess. [illegible]ng during the destruction of rubbish
cine to the Some objectionable burning
stru[illegible] or areas, were closed and others
[illegible]4,8[illegible] opening of a street. But until
[illegible]bl[illegible]s of the whole city, the supply of
[illegible]rs of prime importance, and the
[illegible] of the town cannot be expected
[illegible] which it is at present. Pending,
eform which it will take several years
emse[illegible]s to the utmost to remedy the
t in pa[illegible]graph 191 of the President's
during the year, making a total of 225
population of 452,518 according to
orked at a profit of Rs. 33,545 against
g apparently due to their having been
[illegible] and to the larger extent of land cultivated
ad was Rs. 64,981 against Rs. 68,647
view 83 additional lamps were put up,
ile.

L. Government
11

Paras 224 & 226

a net cost to the municipality of
Napier Park, brought in a profit of
which was under the control of
Rs. ~~5,810.~~ 1605

n of the municipality is shown

		Rs.
		3,05,396
		12,19,212
		~~8,61,095~~ 74017
		97,914
Total		~~21,86,617~~ 23,27,39

nose death-
s with appa
ubonic plague
of
apply break-out
ad was Rs. 3,1 is again
in the budget, munici-
as comm
stration of The
the whole efficient. lls
wever, a matter which ca
ers; while it is b
e might be secured.
~~heads of the City~~

~~Secretary to Government.~~

33 of 1898 20/12/98
29 11 98

Department.

~~Secretary to Government.~~

Vide statement II - pages 61.

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