

Local & Munl. (1899) Department.

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[Despatch Abstract.]

Vital Statistics — Recording the Sanitary
Commissioner's remarks on the returns of — in the
district and municipalities in the Madras Presi-
-dency for December 1898 and ordering the
publication of the returns in the Port of George Gazette.

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 {1899} of Madras. LOCAL AND MUNICIPAL.

Recd.

Regd.

} 1899.

Enclosures

Spare copies

G.O., No. 825 L., 19th April 1899.

APRIL.

Vital Statistics.

Recording the Sanitary Commissioner's remarks on the returns of — in the districts and municipalities in the Madras Presidency for December 1898 and ordering the publication of the returns in the *Fort St. George Gazette*.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

No. 1150-S.

Remarks by the Sanitary Commissioner, Madras, on the recorded vital statistics in the districts and municipalities of the Madras Presidency for the month of December 1898.

DISTRICTS.

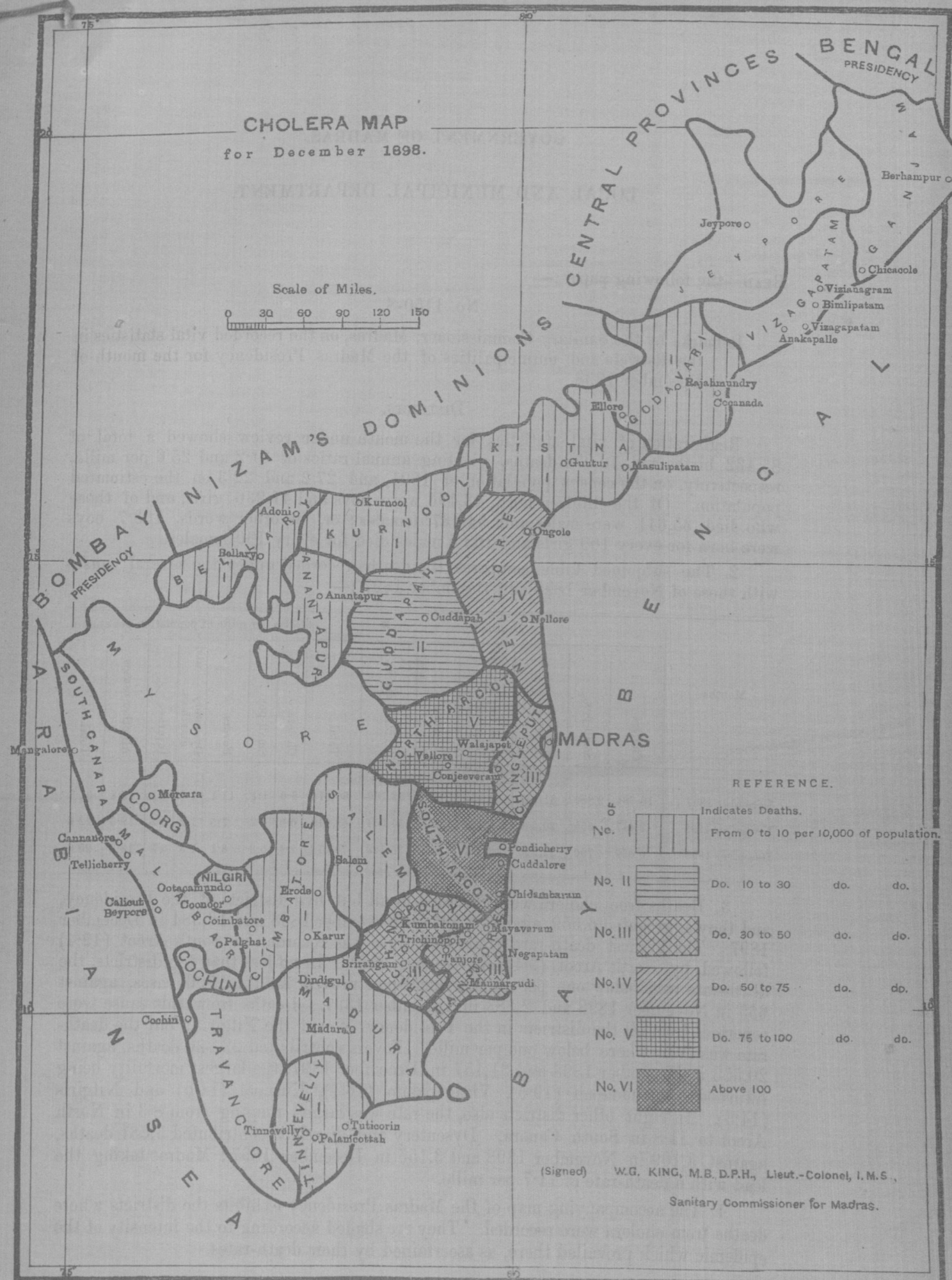
Registration of vital statistics for the month under review showed a total of 85,432 births and 70,078 deaths, yielding annual ratios of 31.2 and 25.6 per mille, respectively, on the census population of 1891, and 27.2 and 22.3 on the estimated population. Of the children born, 43,496 were boys and 41,936 girls, and of those who died, 35,641 were males and 34,437 females; or, in other words, 103.7 boys were born for every 100 girls and 103.5 males died for every 100 females.

2. The subjoined table compares the deaths recorded under the several causes with those of November 1898 and December 1897:—

Months.	Deaths from						Ratio per mille of population per annum.					
	Cholera.	Small-pox.	Fevers.	Dysentery and diarrhoea.	Injuries.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and diarrhoea.	Injuries.	All other causes.
December 1897 ..	16,384	2,883	31,157	3,155	875	32,160	86,614	6.0	1.1	11.4	1.2	0.3
November 1898 ..	2,447	655	20,566	3,169	827	34,354	62,018	0.9	0.2	7.6	1.2	0.3
December 1898 ..	6,659	790	22,226	3,381	894	36,128	70,078	2.4	0.3	8.1	1.3	0.3

3. Deaths from cholera were recorded in all but five districts of the Presidency, and they aggregated 6,659, against 2,447 in November 1898 and 16,384 in December 1897. The highest death-rate from this cause was recorded in South Arcot (12.4) followed by North Arcot (9.4) and Nellore (6.5). In no less than ten districts, the death-rate was below one per mille. Small-pox proved fatal in 790 cases, against 655 in November 1898 and 2,883 in December 1897. Deaths from this cause were reported from all the districts in the Presidency, except the Nilgiris; but the death-rate was everywhere below one per mille. Fevers contributed 22,226 deaths, against 20,566 in November 1898 and 31,157 in December 1897, the largest mortality being returned by Cuddapah (19.5), Vizagapatam (16.1), Kurnool (14.6) and Nilgiris (14.5). In eight other districts also, the rate was large—ranging from 8.3 in North Arcot to 11.8 in South Canara. Dysentery and diarrhoea contributed 3,381 deaths, against 3,169 in November 1898 and 3,155 in December 1897; Madras taking the lead with a death-rate of 11.7 per mille.

4. The accompanying map of the Madras Presidency exhibits the districts where deaths from cholera were recorded. They are shaded according to the intensity of the epidemic which prevailed there, as ascertained by their death-rates.



MUNICIPALITIES.

5. During the month under review, the births registered in the municipal towns aggregated 6,677 (3,430 boys and 3,247 girls) and the deaths 6,237 (3,150 males and 3,087 females) representing ratios of 37.2 and 34.7 per mille of the census population of 1891, and 33.8 and 31.6 of the estimated population, respectively. The mortality among infants under one year of age was 238.4 per mille per annum of the population of that age in that month, against 247.5 in November 1898.

6. The subjoined table compares the mortality under the several causes with those of November 1898 and December 1897:—

	Deaths from							Ratio per mille of population per annum.						
	Cholera.	Small-pox.	Fevers.	Dysentery and diarrhoea.	Injuries.	All other causes.	Total.	Cholera.	Small-pox.	Fevers.	Dysentery and diarrhoea.	Injuries.	All other causes.	Total.
December 1897 ..	1,031	31	1,365	687	72	3,273	6,459	5.7	0.2	7.6	3.8	0.4	18.2	35.9
November 1898 ..	143	12	838	1,037	68	3,855	5,953	0.8	0.1	4.7	5.7	0.4	21.5	33.2
December 1898 ..	384	27	852	1,101	60	3,813	6,237	2.1	0.2	4.8	6.1	0.3	21.2	34.7

7. Deaths from cholera were reported from eighteen municipalities, and they aggregated 384 against 143 in November 1898. The highest mortality recorded under this head was in Gudiyáttam (46.7) followed by Nellore (24.6), Vániyambádi (13.6) and Trichinopoly (10.9). Small-pox accounted for 27 deaths in eleven municipal towns. Fevers proved fatal in 852 cases, against 838 in November 1898 and 1,365 in December 1897. The death-rate from this cause was largest in Cuddapah (20.0), Kurnool (13.3), Parlákimedi (13.2), Gudiyáttam (11.5) and Anakápalle (11.3). It was also large in twelve other towns. One thousand one hundred and one persons fell victims to dysentery and diarrhoea against 1,037 in November 1898, the death-rate was largest in Tuticorin (28.7), Gudiyáttam (13.5), Vániyambádi (12.1), Madras (11.7) and Conjeeveram (11.0).

MADRAS,
6th April 1899.

(Signed)

W. G. KING, Lieut.-Col., I.M.S.,
Sanitary Commissioner for Madras.

ORDER—No. 825 L., dated 19th April 1899.

Recorded.

2. The returns will be published in the *Fort St. George Gazette*.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Revenue Department.

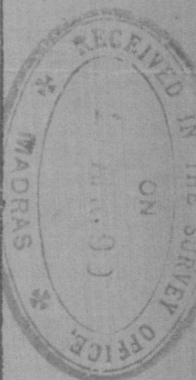
„ Board of Revenue.

„ Surgeon-General with the Government of Madras.

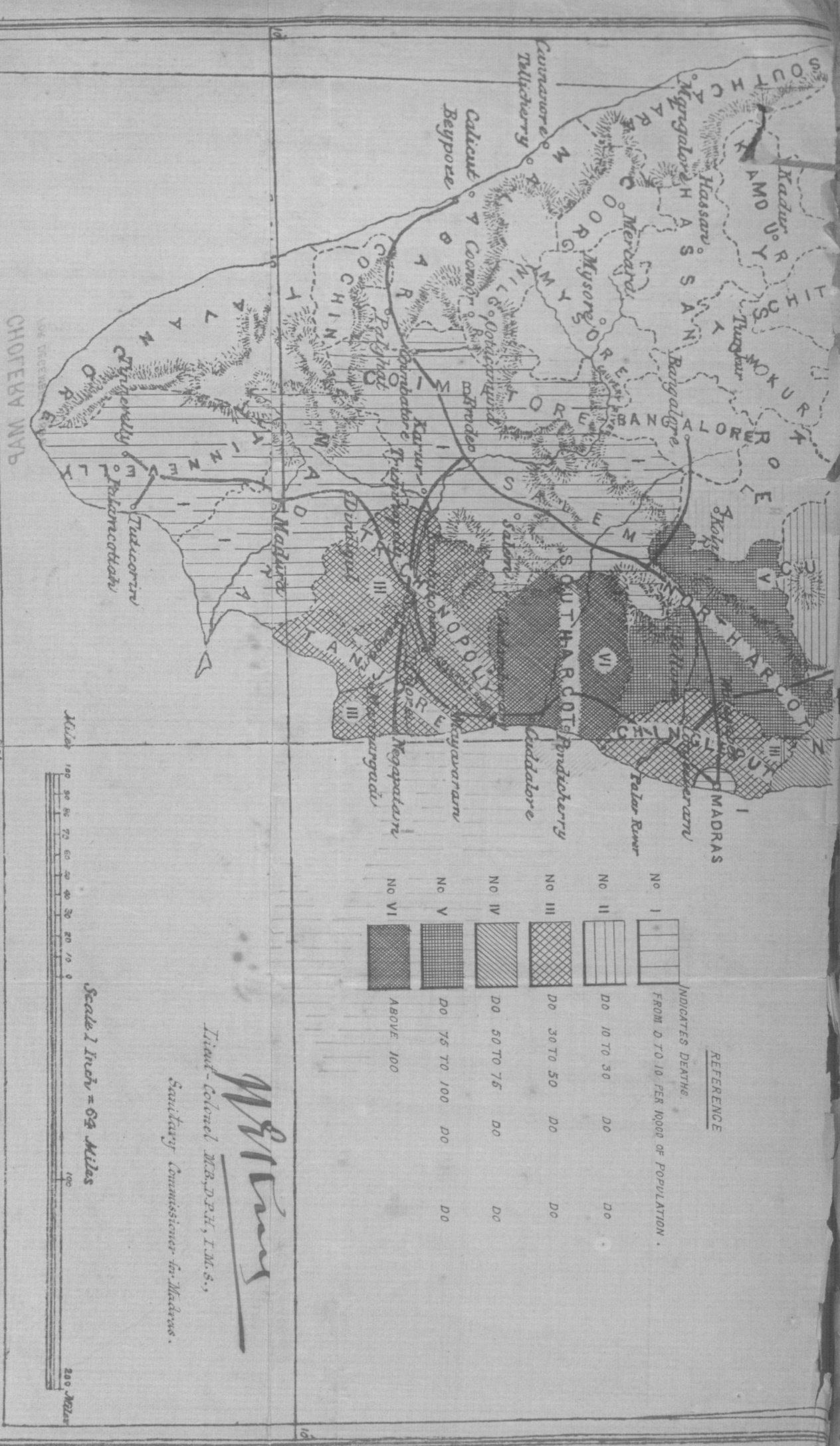
„ Sanitary Commissioner.

Editors' Table.

Gazette.



CHOLERA MAP
FOR DECEMBER 1896



Regd 4942

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29/4

Government {1899} of Madras.
LOCAL AND MUNICIPAL.

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APRIL.

Vital Statistics.

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Returns of vital statistics
for December 1898.

Local and Municipal Department.

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READ Current No. 1047 L of 1899, dated 6 April 1899 from the
Sanitary Commissioner

$\frac{2}{25}$ ORDER No. 825 L of 19/4/99

Recorded.

2. The returns will be published in the *Fort*
Saint George Gazette.

$\frac{26}{18/4/99}$ $\frac{26}{18/4/99}$

P.T.O

To

The Revenue Department. /6
„ Board of Revenue. /6
„ Surgeon-General with the /6
Government of Madras.
„ Sanitary Commissioner. /13

Editors' Table.

Gazette 25499. $\frac{26}{19/4/99}$ $\frac{26}{18/5/99}$

Local and Municipal {189 } Dept.

Returns of Vital Statistics for the month

of

189 .

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