Revenue (1897) Department.

ROUTINE SERIES.

G.O., No. 1438

DATED 29th July

[Despatch Abstract.]

Recording Local and Municipal Department Prog. 72 recording Sanitary Commissioner's remarks on the returns of Vital Statistics in the Dts and Municipalities in the Madras Presidency for December 1896 and ordering their publication in the Fort St 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 {1897} of Madras.

LOCAL AND MUNICIPAL.

REVENUE DEPT. 25 JUL 97

Read. } 1897. *Enclosures*

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Read G.O.s 630 & 630A

G.O., No. 1096 L., 9th June 1897.

G.O. R. no. 1438 dt/29th July 97.

Recorded.

JUNE.

Letter 25.7.97

Copy 29/7/97

Vital Statistics.

Recording Sanitary Commissioner's remarks on the returns of — in the Districts and Municipalities in the Madras Presidency for December 1896, and ordering their publication in the *Fort St. George Gazette*.

RC 24/7

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

No. 1170-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 1896.

DISTRICTS.

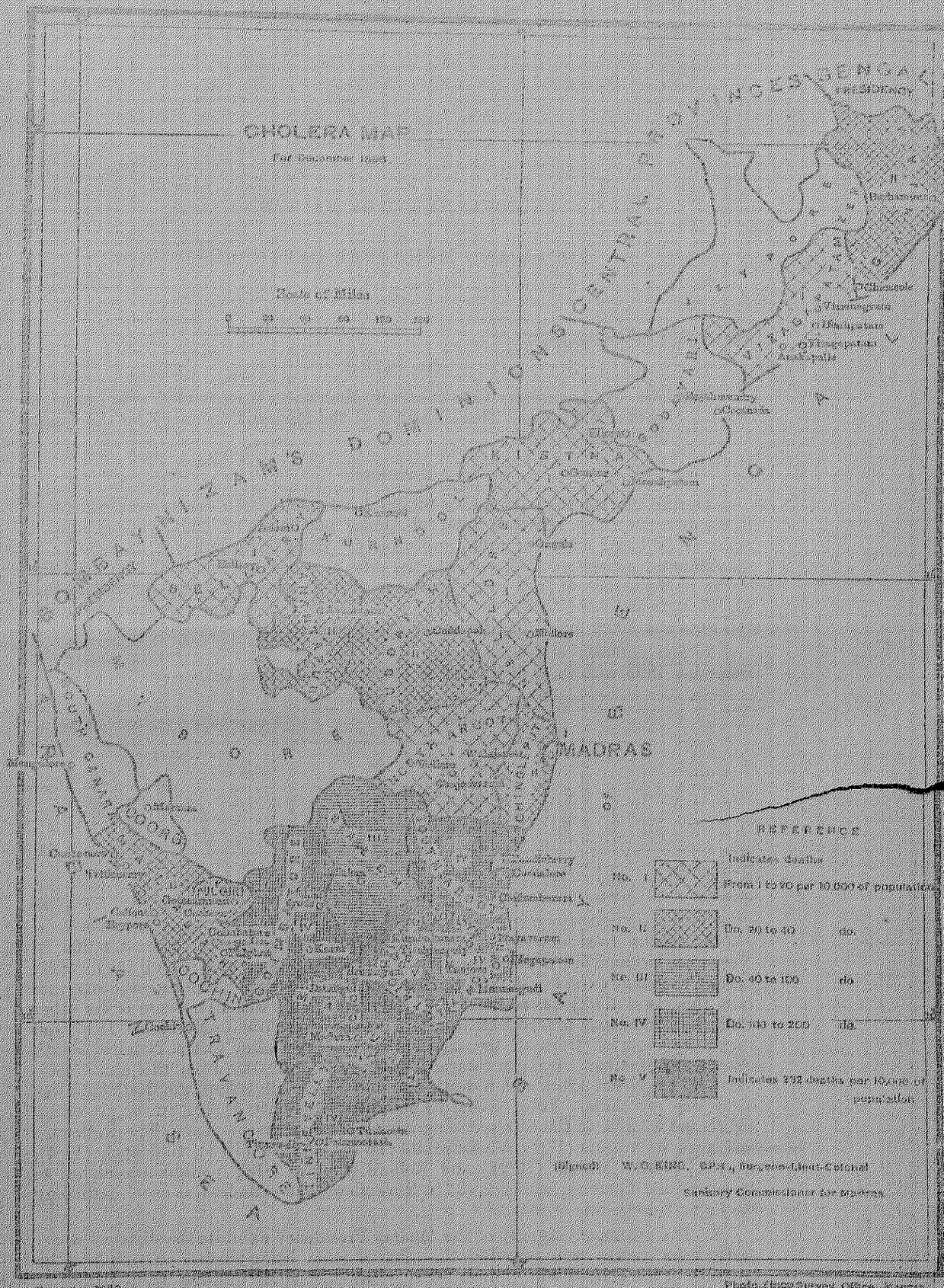
During the month under review 82,281 births and 79,275 deaths were registered in the districts which, reckoned upon the census population of 1891, yielded annual ratios of 30·1 and 29·0 per mille, respectively. Considered, however, in relation to the estimated population of the month, the rates obtained are 26·9 and 25·9. Of the births in the month, 42,050 were boys and 40,231 were girls, and of the deaths, 40,613 were males and 38,662 females; or, relatively, 104·5 boys were born for every 100 girls and 105·0 males died for every 100 females.

2. The annexed statement compares the deaths under the several causes in December 1896 with those of November 1896 and December 1895:—

—	Deaths from							Ratio per mille of population per annum.						
	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Total.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Total.
December 1896 ..	716	515	26,624	2,015	774	32,932	63,576	0·3	0·2	9·6	0·7	0·3	11·8	22·9
November 1896 ..	5,965	780	21,201	2,428	830	29,199	60,403	2·2	0·3	7·7	0·9	0·3	10·7	22·1
December ,, ..	18,003	1,191	23,236	3,187	810	32,848	79,275	6·6	0·4	8·5	1·2	0·3	12·0	29·0

3. Deaths from cholera aggregated 18,003 in the month, against 5,965 in November last and 716 in December 1895. They were reported from all the districts in the Presidency except Gódávari, Kurnool and South Canara. The highest death-rate from this cause (23·2) was returned by Trichinopoly. It was also severe in six other districts. Small-pox proved fatal in 1,191 cases, against 780 in November 1896, and they were reported from all the districts in the Presidency except Nilgiris, South Canara and Malabar. Ganjám returned the highest death-rate from this cause (4·6), followed by North Arcot with a death-rate of 1·3. In all others the death-rate was below one per mille. Fever caused 23,236 deaths, against 21,201 in the preceding month and 26,624 in the corresponding month of the previous year. The death-rate was large in Nilgiris (17·1), Vizagapatam (16·5), Ganjám (15·3), Cuddapah (14·4), Kurnool (13·2), Madras (13·04) and Nellore (10·6). 3,187 persons succumbed to dysentery and diarrhœa, against 2,428 in November 1896—Madras, as usual, returning the highest death-rate of 6·2.

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



MUNICIPALITIES.

5. A total of 6,386 births and 7,630 deaths were registered in all the municipal towns in the Presidency. Of the children born, 3,286 were boys and 3,100 were girls, and of those that died, 3,829 were males and 3,801 females. Calculated on the census population of 1891, the above figures corresponded to annual ratios of 36·0 and 43·0 per mille, respectively, and on the estimated population to 33·5 and 40·0. The mortality among infants under one year of age was 247·4 per mille per annum of the population of that age in that month, against 245·8 in November last.

6. In the statement below is compared the registered mortality of the month under the several causes with that of the preceding month and of the corresponding month of the previous year:—

—	Deaths from							Ratio per mille of population per annum.						
	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Total.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Injuries.	All other causes.	Total.
December 1895 ..	34	24	1,666	629	77	3,152	5,582	0·2	0·1	9·4	3·6	0·4	17·8	31·4
November 1896 ..	587	22	1,540	693	71	2,948	5,861	3·3	0·1	8·7	3·9	0·4	16·6	33·0
December ,, ..	1,892	17	1,587	922	61	3,151	7,630	10·7	0·1	8·9	5·2	0·4	17·7	43·0

7. Cholera proved fatal in 1,892 cases, against 587 in November last. The death-rate from this cause was highest in Palamcottah (105·3), followed by Karúr (79·3), Palni (63·8), Trichinopoly (48·3) and Tinnevelly (40·2). Only twenty-three towns enjoyed complete immunity from this disease. Small-pox accounted for seventeen deaths and they were returned by ten municipal towns. The mortality from fever aggregated 1,587, against 1,540 in November last and 1,666 in December 1895. The death-rate was highest in Karúr (21·2), Berhampur (20·6), Vániyambádi (20·5) and Srívilliputtúr (19·1). It was also large in fifteen other towns. Dysentery and diarrhœa caused 922 deaths, against 693 in the preceding month. The death-rate from these causes was large in fifteen towns—ranging from 6·2 in Madras to 21·8 in Tinnevelly.

FORT ST. GEORGE,
31*st May* 1897.

(Signed) W. G. KING, Surgn.-Lieut.-Col.,
Sanitary Commissioner for Madras.

ORDER—No. 1096 L., dated 9th June 1897.

Recorded.

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

(True Extract.)

for Secretary to Government.

To the Revenue Department.
„ Board of Revenue.
„ Surgeon-General.
„ Sanitary Commissioner.
Editors' Table.
Gazette.

Rcd. A. Raitt.

Government {1897} of Madras.

LOCAL AND MUNICIPAL.

GOVT. MADRAS
25 JUN 1897
REV. DEPT.

Recd. } 1897. *Enclosures*

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G.O., No. 1228 L., 26th June 1897.

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Recorded.

JUNE.

Vital Statistics.

Recording the Sanitary Commissioner's remarks on the returns of — in the districts and municipalities of the Madras Presidency for the month of January 1897, and ordering their publication in the *Fort St. George Gazette*.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper :—

No. 1254-S.

Remarks by the Sanitary Commissioner for Madras on the recorded vital statistics in the Districts and Municipalities of the Madras Presidency for the month of January 1897.

Districts.

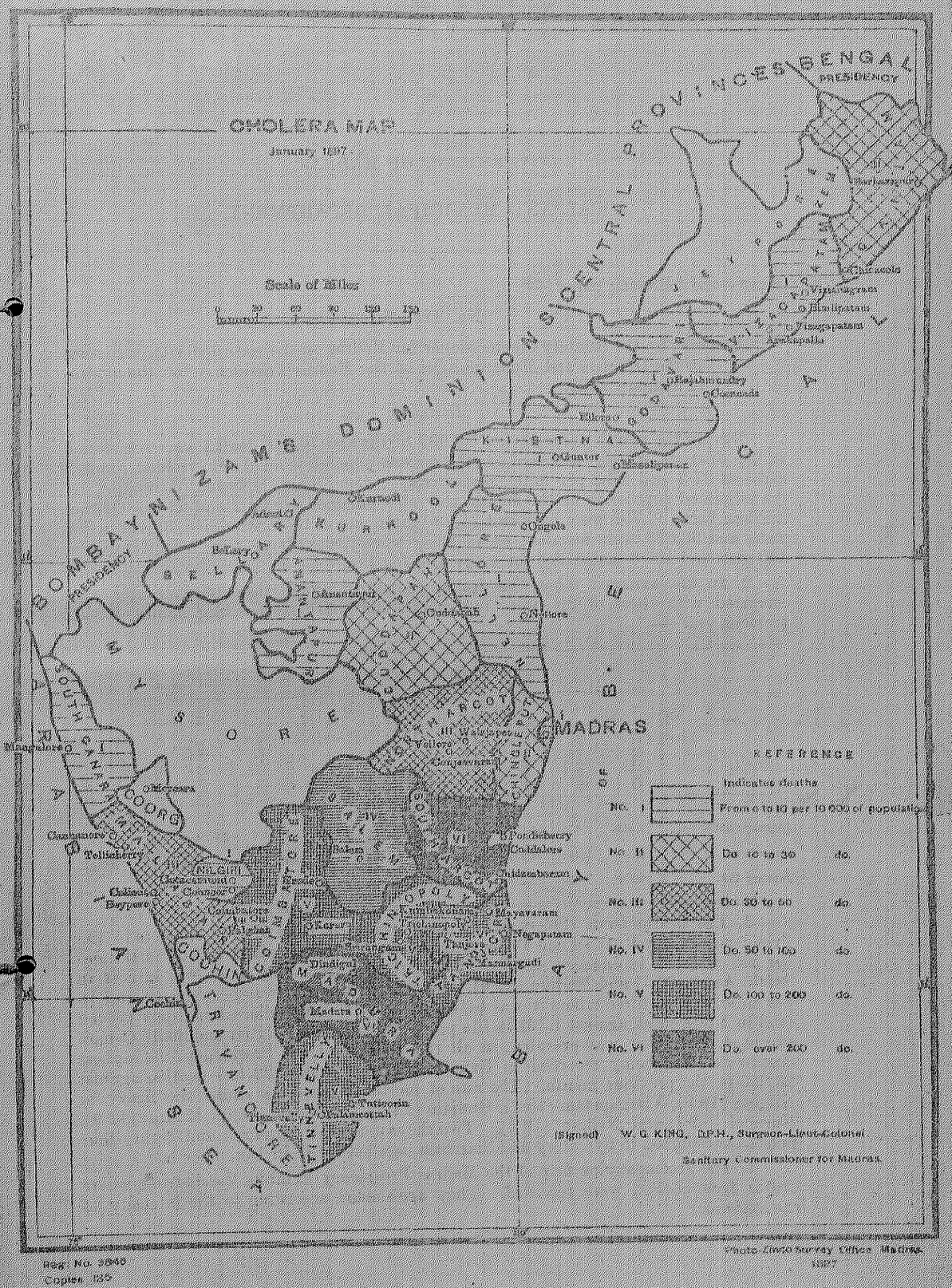
During the month under review 73,999 births and 76,115 deaths were registered in the districts, which, reckoned on the census population of 1891, yielded annual ratios of 27·2 and 28·2 per mille, respectively. Considered, however, in relation to the estimated population of the month, the rates obtained are 24·2 and 24·9. Of the children born, 37,709 were boys and 36,290 girls, and of those who died, 39,492 were males and 36,623 were females; or, in other words, 103·9 boys were born for every 100 girls and 107·8 males died for every 100 females.

2. In the annexed table, the deaths registered under the several causes are compared with those of the preceding month and the corresponding month of the previous year :—

—	Deaths from							Ratio per mille of population per annum.						
	Cholera.	Small-pox.	Fevers.	Dysentery and diarrhœa.	Injuries.	All other causes.	Total.	Cholera.	Small-pox.	Fevers.	Dysentery and diarrhœa.	Injuries.	All other causes.	Total.
January 1896 ..	449	675	24,077	1,757	753	30,242	57,953	0·2	0·2	8·8	0·6	0·3	11·1	21·2
December „ ..	18,003	1,191	23,236	3,187	810	32,843	79,275	6·6	0·4	8·5	1·2	0·3	12·0	29·0
January 1897 ..	19,430	1,504	22,145	2,784	773	29,479	76,115	7·2	0·6	8·2	1·0	0·3	10·9	28·2

3. The deaths from cholera, which were reported from all the districts in the Presidency except Kurnool and Bellary, aggregated 19,430, against 18,003 in December last and 449 in January 1896. The death-rate from this cause was largest in South Arcot (23·7) and Madura (22·0). In four districts, it was between 10 and 16 per mille, and in three others it was between 3 and 10 per mille. Small-pox proved fatal in 1,504 cases, against 1,191 in the preceding month. Nilgiris and South Canara excepted, small-pox was prevalent in all the districts of the Presidency, the highest death-rate (7·8) being recorded in Ganjám. Fevers caused 22,145 deaths, against 23,236 in the previous month. The rate of mortality from this cause was heavy in Nilgiris (16·9), Vizagapatam (15·1), Ganjám (14·8), Cuddapah (14·0), Madras (12·9), Kurnool (12·7) and Nellore (10·1). Two thousand seven hundred and eighty-four persons succumbed to dysentery and diarrhœa, against 3,187 in December last.

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.



Municipalities.

5. The births registered in the municipal towns amounted to 5,768 (2,857 boys and 2,911 girls) and the deaths to 6,756 (3,441 males and 3,135 females), representing ratios of 32·1 and 36·6 per mille of the census population of 1891 and 29·9 and 34·1 per mille of the estimated population, respectively. The mortality among infants under one year of age was 210·2 per mille per annum of the population of that age in that month, against 247·4 per mille in December last.

6. The following statement compares the mortality from the several causes with those of December and January 1896 :—

—	Deaths from							Ratio per mille of population per annum.						
	Cholera.	Small-pox.	Fevers.	Dysentery.	Injuries.	All other causes.	Total.	Cholera.	Small-pox.	Fevers.	Dysentery.	Injuries.	All other causes.	Total.
January 1896 ..	15	47	1,561	503	71	3,081	5,278	0·1	0·3	8·8	2·8	0·4	17·3	29·7
December „ ..	1,892	17	1,587	922	61	3,151	7,630	10·7	0·1	8·9	5·2	0·4	17·7	43·0
January 1897 ..	1,254	28	1,476	759	50	3,009	6,576	7·0	0·1	8·2	4·2	0·3	16·8	36·6

7. Deaths from cholera were reported from 35 municipalities, and they amounted to 1,254 or 7·0 per mille of the population. The death-rate from this cause was large in Dindigul (64·2), Karur (46·9), Cuddalore (33·4), Berhampore (24·3), Palamcottah (22·5), Chidambaram (21·2), Máyavaram (20·2) and Srirangam (20·0). In nine towns it ranged from 12·3 in Trichinopoly to 19·3 in Calicut. Small-pox contributed 28 deaths. These were recorded in twelve municipal towns. The mortality from fevers was 1,476, against 1,587 in December last and 1,561 in January 1896. The death-rate from this cause was highest in Karur (17·8). It was also severe in ten other towns. Seven hundred and fifty-nine persons fell victims to dysentery and diarrhœa, against 922 in the previous month, Karur taking the lead with a death-rate of 19·0.

Fort St. George, 16*th June* 1897.

(Signed) W. G. KING, Surgn. Lieut.-Col., *Sanitary Commissioner for Madras.*

Order—No 1228 L., dated 26th June 1897.

Recorded.

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

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Ed. Shaik Karim.

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