

L. & M.
1,000-10-4-96.

Local & Munl. (1896) Department.

PRINTED.

G.O., No. 478 L

DATED 11th March 1896

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[Despatch Abstract.]

Vital Statistics.

According to the Sanitary Commissioner's remarks on the returns of -- in the districts and Municipalities in the Presidency for November 1895, and ordering their publication in ^{the} Port 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.

Govt. of {1896} Madras. LOCAL AND MUNICIPAL.

Issued

Recd.

Encl.

G.O., No. 478 L., 11th March 1896.

MARCH.

Vital Statistics.

Recording the Sanitary Commissioner's remarks on the returns of — in the Districts and Municipalities in the Presidency for November 1895, and ordering their publication in the *Fort St. George Gazette*.

GOVERNMENT OF MADRAS.
LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper :—

No. 477-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 November 1895.

DISTRICTS.

During the month under review 84,524 births and 56,790 deaths were registered in the districts, which, reckoned upon the census population of 1891, yielded annual ratios of 30·3 and 20·4 per mille, respectively. Calculated, however, on the estimated population of the month, the rates obtained are 28·1 and 18·9. Of the births, 42,899 were boys and 41,625 girls, and of the deaths (56,790), 28,741 were males and the rest females; or, relatively, 103·1 boys were born for every 100 girls and 102·5 males died for every 100 females.

2. The annexed statement compares the deaths from several causes in November last with those of October 1895 and November 1894 :—

	Deaths from							Ratio per mille of the 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.
November 1894 ..	914	446	23,865	2,108	742	29,541	57,616	0·3	0·2	8·5	0·7	0·3	10·5	20·5
October 1895 ..	792	350	23,904	2,101	1,001	28,578	56,726	0·3	0·1	8·6	0·7	0·4	10·3	20·4
November „ ..	954	401	23,405	2,013	933	29,084	56,790	0·3	0·2	8·4	0·7	0·3	10·5	20·4

3. The deaths from cholera, which were reported from twelve districts in the Presidency, aggregated 954 against 792 in the preceding month. The death-rate was largest in Tinnevely (3·9), while in all the other affected districts it was below one per mille. Small-pox proved fatal in 401 cases against 350 in the previous month. The only district which did not return any death from this cause was Nilgiris, though in none of the remaining districts did the death-rate exceed 0·8 per mille. Fevers accounted for 23,405 deaths, against 23,904 in October last and 23,865 in November 1894. Fevers were largely prevalent in Vizagapatam (18·1), Cuddapah (16·6), Kurnool (14·1), Nilgiris (13·8), Madras (13·2) and Gódvári (10·7). 2,013 persons succumbed to dysentery and diarrhoea, against 2,101 in the preceding month. —Madras, as usual, returning the highest death-rate (4·2) from these causes.

4. The accompanying map of the Madras Presidency exhibits the places where deaths from cholera were recorded, the affected districts being shaded according to the intensity of the cholera which prevailed there.

MUNICIPALITIES.

5. Registration of vital statistics among the municipal population showed that there were 6,609 births (3,427 boys and 3,182 girls) and 5,135 deaths (2,606 males and 2,529 females), yielding annual ratios of 37·2 and 28·9 per mille, respectively.

Considered with reference to the estimated population, the rates obtained were 35.1 and 27.3. The mortality among infants under one year of age was 232.2 per mille per annum of the population of that age in that month, against 240.6 per mille in the previous month.

6. In the subjoined statement is compared the registered mortality of the month with those of the previous month and the corresponding month of the previous year:—

	Deaths from						Ratio per mille of the 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.
November 1894 ..	57	26	1,513	660	53	2,941	5,250	0.3	0.2	8.6	3.8	0.3	16.8	30.0
October 1895 ..	42	19	1,555	646	62	2,936	5,360	0.2	0.1	9.3	3.7	0.4	16.5	30.2
November " ..	55	24	1,560	584	78	2,834	5,135	0.3	0.1	8.8	3.3	0.4	16.0	28.9

7. All the municipal towns in the Presidency.

7. All the municipal towns in the Presidency, except Cuddalore, Tanjore, Tinnevely and Palamecottah, enjoyed complete immunity from cholera during the month under review, and even of these the only two towns where the death-rate from this cause was noticeably large were Tinnevely (10.7) and Palamecottah (16.7). In the whole Presidency only eight towns returned deaths from small-pox, and of these the only one in which the death-rate was large was Vellore, 3.5; in all the rest the rate was below one per mille. Fevers proved fatal in 1,560 cases against 1,655 in October last and 1,513 in November 1894. The death-rate was largest in Srivilliputtur (17.0), Chellumbrum (15.5), Parlakimedi (15.4) and Tuticorin (15.3). It was also large in ten other towns. Dysentery and diarrhoea caused 584 deaths against 646 in the previous month. The death-rate from these causes was large in nine towns, ranging from 5.6 in Kumbakonam to 11.5 in Tuticorin.

MADRAS,
3rd March 1896.

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

ORDER—No. 478 L., dated 11th March 1896.

Recorded.

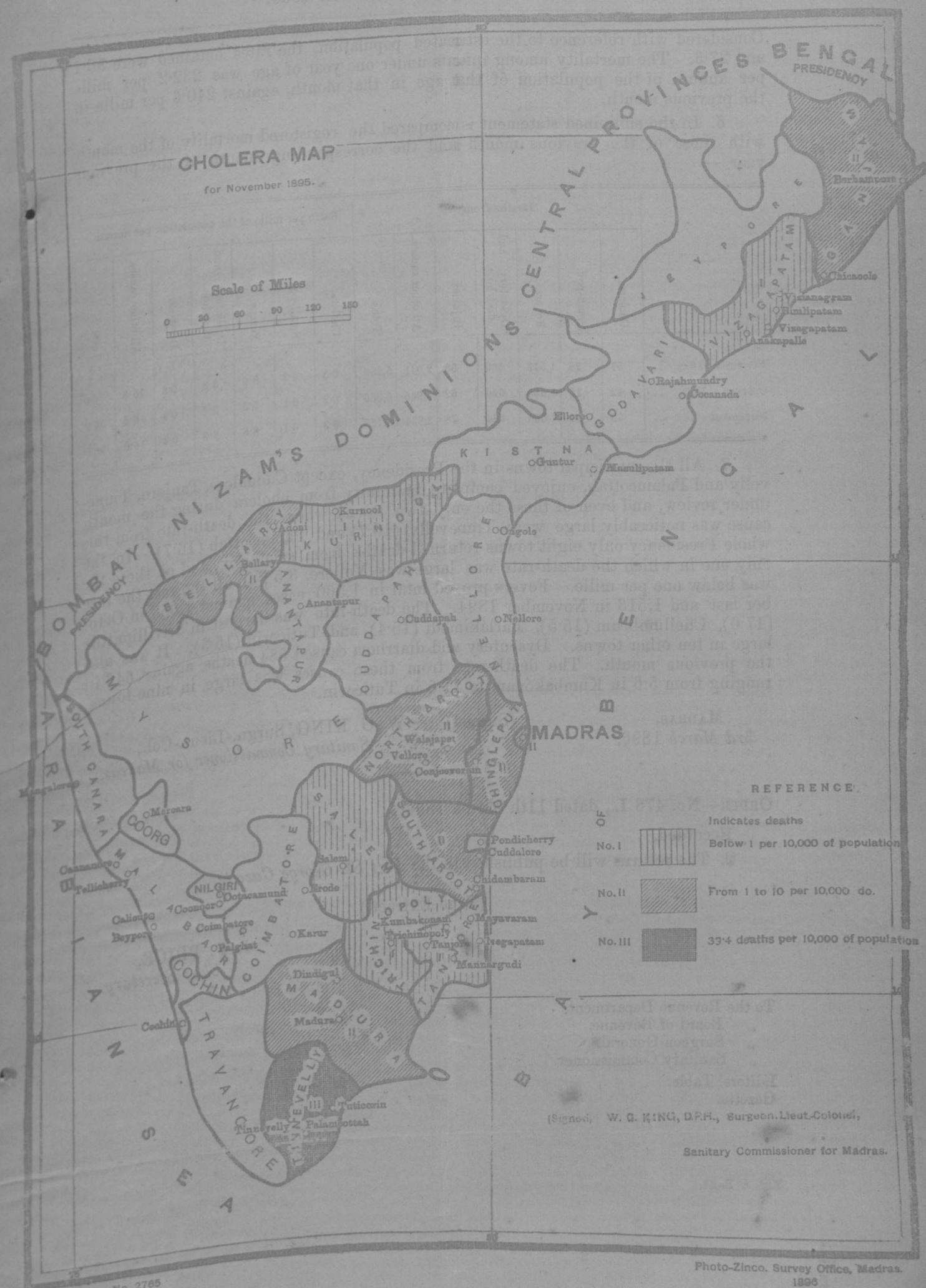
2. The returns will be published in the *Fort St. George Gazette*.

(True Extract.)

J. F. PRICE,
Chief Secretary.

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

Erd. A. Raitt.



Govt. of {1896} Madras.

LOCAL AND MUNICIPAL.

Lt. Col.

Proof for approval.

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Issued

Recd.

Encl.

G.O., No. 478 L., 11th March 1896.

MARCH.

Vital Statistics.

Recording the Sanitary Commissioner's remarks on the returns of — in the Districts and Municipalities in the Presidency for November 1895, and ordering their publication in the *Fort St. George Gazette*.

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No. 478 L., 11TH MARCH 1896.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

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Remarks by the Sanitary Commissioner, Madras, on the recorded vital statistics in the Districts and Municipalities of the Madras Presidency for the month of November 1895.

DISTRICTS.

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2. The annexed statement compares the deaths from several causes in November last with those of October 1895 and November 1894 :—

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3. The deaths from cholera, which were reported from twelve districts in the Presidency, aggregated 954 against 792 in the preceding month. The death-rate was largest in Tinnevely (3·9), while in all the other affected districts it was below one per mille. Small-pox proved fatal in 401 cases against 350 in the previous month. The only district which did not return any death from this cause was Nilgiris, though in none of the remaining districts did the death-rate exceed 0·8 per mille. Fevers accounted for 23,405 deaths, against 23,904 in October last and 23,865 in November 1894. Fevers were largely prevalent in Vizagapatam (18·1), Cuddapah (16·6), Kurnool (14·1), Nilgiris (13·8), Madras (13·2) and Gódvári (10·7). 2,013 persons succumbed to dysentery and diarrhoea, against 2,101 in the preceding month, —Madras, as usual, returning the highest death-rate (4·2) from these causes.

4. The accompanying map of the Madras Presidency exhibits the places where deaths from cholera were recorded, the affected districts being shaded according to the intensity of the cholera which prevailed there.

MUNICIPALITIES.

5. Registration of vital statistics among the municipal population showed that there were 6,609 births (3,427 boys and 3,182 girls) and 5,135 deaths (2,606 males and 2,529 females), yielding annual ratios of 37·2 and 28·9 per mille, respectively.

Considered with reference to the estimated population, the rates obtained were 35.1 and 27.3. The mortality among infants under one year of age was 232.2 per mille per annum of the population of that age in that month, against 240.6 per mille in the previous month.

6. In the subjoined statement is compared the registered mortality of the month with those of the previous month and the corresponding month of the previous year:—

	Deaths from							Ratio per mille of the 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.
November 1894 ..	57	26	1,513	660	58	2,941	5,250	0.3	0.2	8.6	3.8	0.3	16.8	30.0
October 1895 ..	42	19	1,355	646	62	2,936	5,360	0.2	0.1	9.3	3.7	0.4	16.5	30.2
November ..	55	24	1,560	584	78	2,834	5,135	0.3	0.1	8.8	3.3	0.4	16.0	28.9

7. All the municipal towns in the Presidency, except Cuddalore, Tanjore, Tinnevely and Palamecottah, enjoyed complete immunity from cholera during the month under review, and even of these the only two towns where the death-rate from this cause was noticeably large were Tinnevely (10.7) and Palamecottah (16.7). In the whole Presidency only eight towns returned deaths from small-pox, and of these the only one in which the death-rate was large was Vellore, 3.5; in all the rest the rate was below one per mille. Fevers proved fatal in 1,560 cases against 1,655 in October last and 1,513 in November 1894. The death-rate was largest in Srivilliputtur (17.0), Chellumbrum (15.5), Parlakimedi (15.4) and Tuticorin (15.3). It was also large in ten other towns. Dysentery and diarrhoea caused 584 deaths against 646 in the previous month. The death-rate from these causes was large in nine towns, ranging from 5.6 in Kumbakonam to 11.5 in Tuticorin.

MADRAS,
3rd March 1896.

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

ORDER—No. 478 L., dated 11th March 1896.

Recorded.

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

(True Extract.)

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

for Chief Secretary.

Exd. A. Raiff.

Local and Municipal Department.

READ Current No. 6792 of 1896, dated 3rd March 1896 from the
Sanitary Commissioner.

ORDER No 478 L. of 11-3-96

Recorded.

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

V.R.
7/3/96

6.3.96

To

The Revenue Department.
" Board of Revenue.
" Surgeon-General with the
Government of Madras.
" Sanitary Commissioner.

Editors' Table.

Gazette 27.3.96. 7/4/96

Local and Municipal {189 } Dept.

Returns of Vital Statistics for the month
of *November* 1895.

N
P.S.

Local and Municipal DEPARTMENT.

Local & Municipal Dept.

From CURRENT No.

679

SUBN.-LT.-COL. W. G. KING, M.B., C.M., D.P.H.

SANITARY COMMISSIONER FOR MADRAS,

To

THE *Chief Secretary*
to Government
Local & Municipal

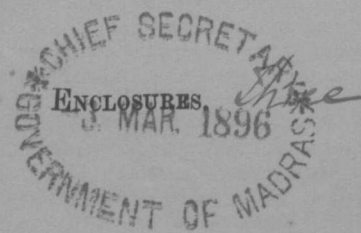
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Dated

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Received

3^d
3^d } *March* 1896.



Subject.

*Submitting remarks on the
recorded Vital Statistics in the
Districts and Municipalities of
the Madras Presidency for the
month of November 1895.*

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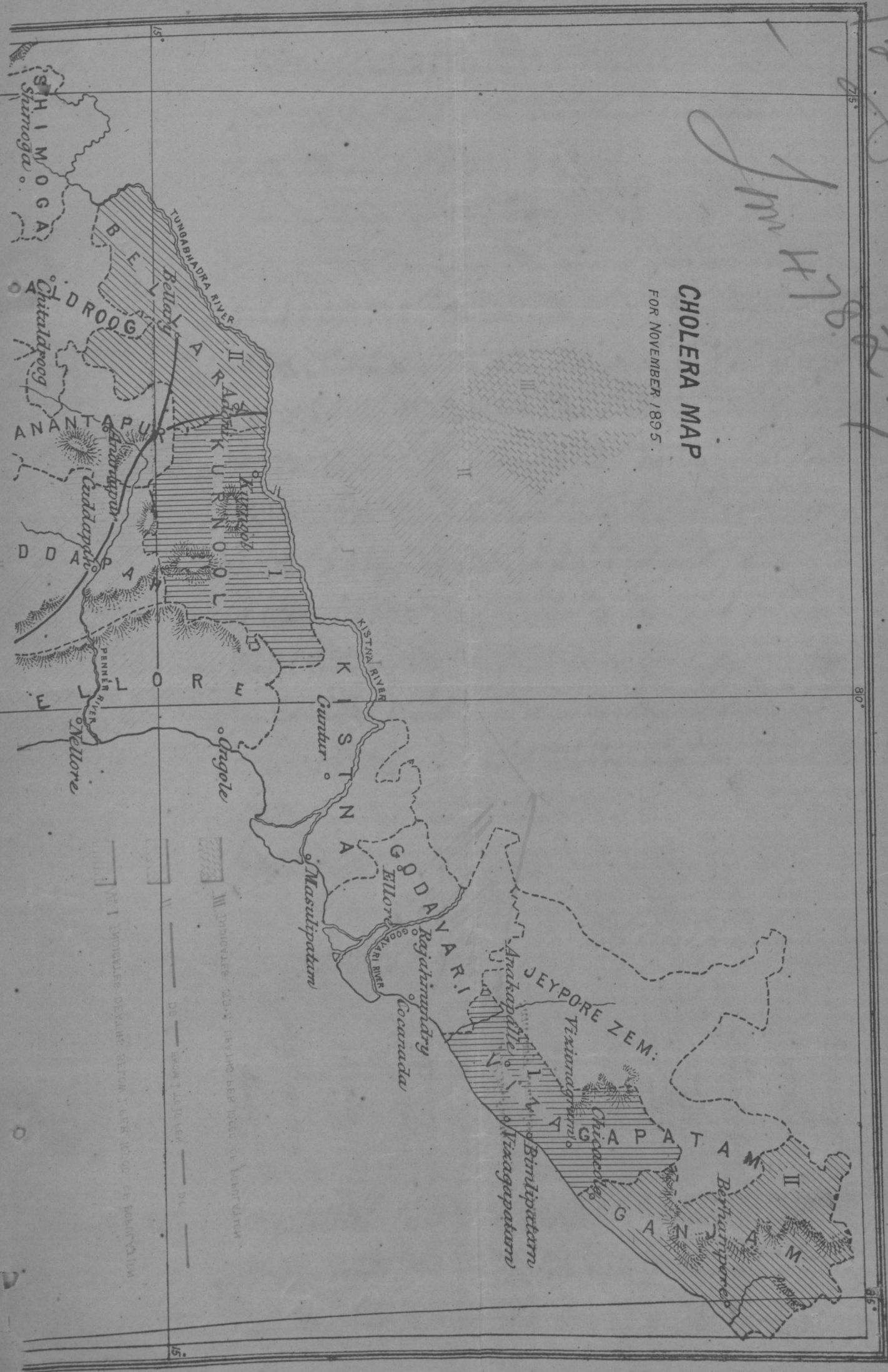
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RECEIVED IN THE SURVEY OFFICE
26 MAR. 96
MADRAS

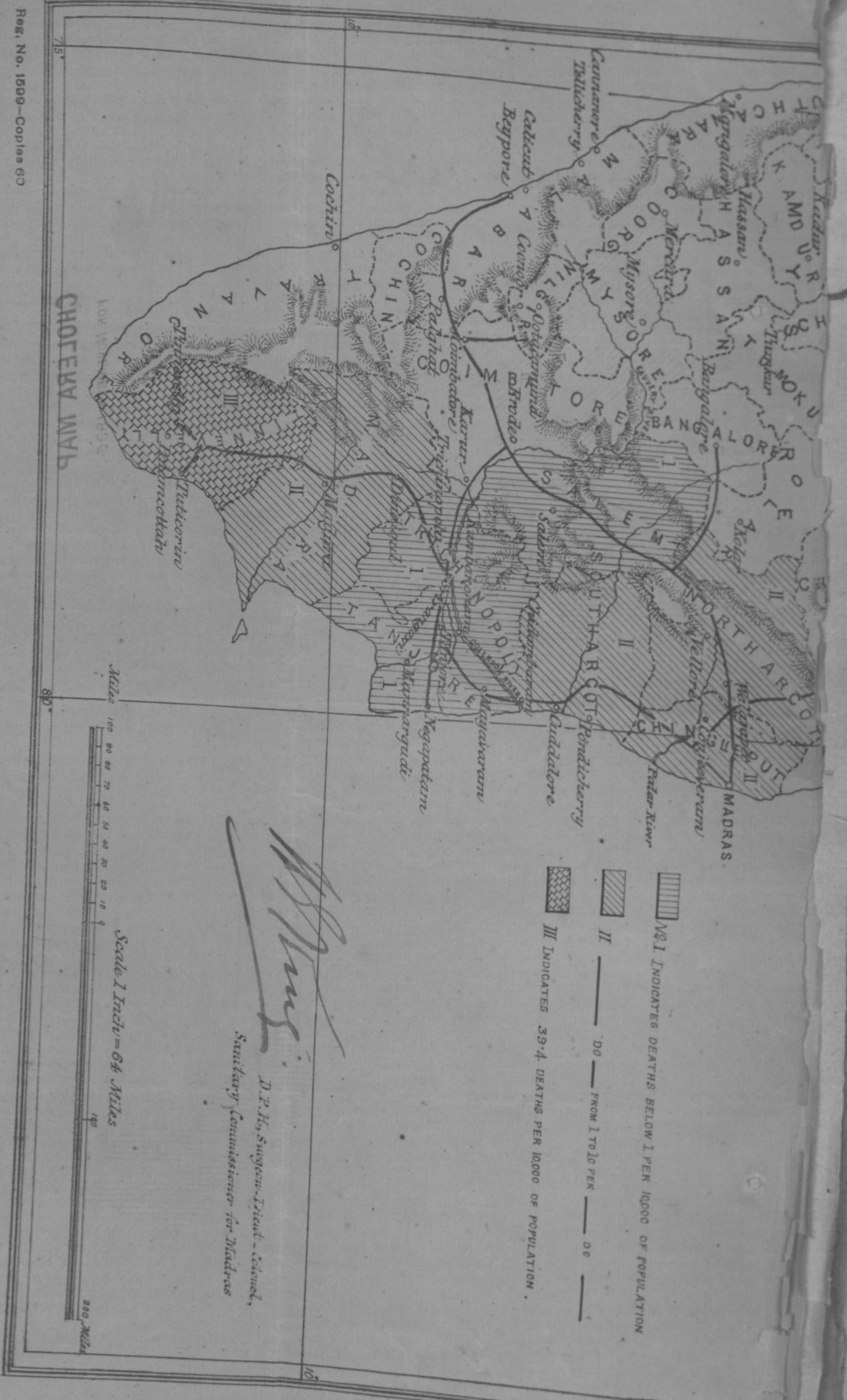
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CHOLERA MAP FOR NOVEMBER 1895.



INDICATES DEATHS BELOW 1 PER 1000 OF POPULATION
 II ——— DO ——— FROM 1 TO 10 PER ——— DO ———
 III INDICATES 39.4 DEATHS PER 1000 OF POPULATION.

Reg. No. 1599-Copies 60



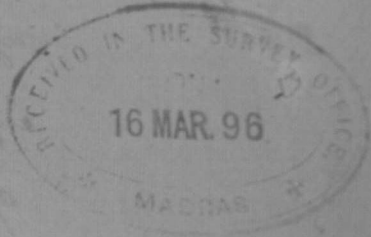
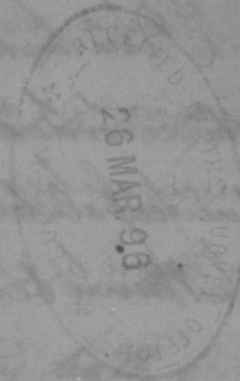
INDICATES DEATHS BELOW 1 PER 1000 OF POPULATION
 II ——— DO ——— FROM 1 TO 10 PER ——— DO ———
 III INDICATES 39.4 DEATHS PER 1000 OF POPULATION.

Scale 1 Inch = 64 Miles

D. F. Ho. Surgeon-General
 Sanitary Commissioner for Madras

Litho. Survey Office, Madras.
 1894

Reg^d 2765
11-3-96



667/669

L. S. M.
1,700-10-2-06

Remarks by the Sanitary Commissioner, Madras,
on the recorded vital statistics in the Districts and
Municipalities of the Madras Presidency for the month
of November 1895.

Local & Municipal Dept.

Districts CURRENT No. 679

During the month under review 84,524 births
and 56,790 deaths were registered in the districts, which
reckoned upon the Census population of 1891, yielded
annual ratios of 30.3 & 20.4 per mille respectively.
Calculated, however, on the estimated population of
the month, the rates obtained are 28.1 & 18.9. Of the
births, 42,899 were boys & 41,625 girls, and of the deaths
(56,790) 28,741 were males & the rest females; or,
relatively, 103.1 boys were born for every 100 girls,
and 102.5 males died for every 100 females.

2. The annexed statement compares the deaths
from several causes in November last with those of October,
1895 & November 1894:—

	Deaths from						Ratios per mille of the popu- - lation per annum.					
	Cholera	Small-pox	Fever	Dysentery & Dysentery	Injuries	All other Causes	Cholera	Small-pox	Fever	Dysentery and Dysentery	Injuries	All other Causes
November 1894	914	446	23,865	2,108	742	29,571	57.66	0.3	0.2	8.5	0.7	10.5
October 1895	792	350	23,904	2,101	1001	28,578	56.26	0.3	0.1	8.6	0.7	10.3
November 1895	954	401	23,405	2,013	933	29,086	56.79	0.3	0.2	8.4	0.7	10.5

3. The deaths from cholera, which were reported

from 12 districts in the Presidency, aggregated 2954 against 792 in the preceding month. The death rate was largest in Tinnevely (3.9) while in ^{all} the other affected districts it was below one per mille. Small-pox proved fatal in 401 cases, against 350 in the previous month. The only district which did not return any death from this cause was Nilgiris, though in none of the remaining districts did the death-rate exceed 0.8 per mille. Fevers accounted for 23405 deaths against 23904 in October last, & 23865 in November 1894. Fevers were largely prevalent in Vizagapatnam (18.1) Cuddapah (16.6), Turuvel (14.1), Nilgiris (13.8), Madras (13.2) & Godavari (10.7). 2013 persons succumbed to Dysentery and Diarrhoea, against 2101 in the preceding month. Madras, as usual, returning the highest death-rate (4.2) from these causes.

4 The accompanying map of the Madras Presidency exhibits the places where deaths from Cholera were recorded, the affected districts being shaded according to the intensity of the Cholera which prevailed there.

Municipalities

5. Registration of vital statistics among the Municipal population showed that there were 6609 births - 3427 boys & 3182 girls, and 5135 deaths - 2606 males & 2529 females, yielding annual ratios of 37.2 & 28.9 per mille, respectively. Considered with reference to the estimated population, the rates obtained were 35.1 & 27.3. The mortality among infants under one year

of age was 232.2 per mille per annum of the population of that age in that month, against 240.6 per mille in the previous month.

6. In the subjoined statement is compared the registered mortality of the month with those of the previous month and the corresponding month of the previous year: -

	Death from						Ratio per mille of population per annum					
	Cholera	Small-pox	Fevers	Dysentery & Diarrhoea	Injuries	All other Causes	Cholera	Small-pox	Fevers	Dysentery & Diarrhoea	Injuries	All other Causes
November 1894	57	26	1513	660	52	2941	52.50	0.3	0.2	8.6	3.8	0.3
October 1895	42	19	1655	646	62	2936	53.60	0.2	0.1	9.3	3.7	0.4
November 1895	55	24	1560	584	78	2834	51.35	0.3	0.1	8.8	3.3	0.4

7. All the Municipal towns in the Presidency except Cuddalore, Tanjore, Tinnevely and Palamcottah enjoyed complete immunity from Cholera during the month under review, and even of these, the only two towns where the death-rate from this cause was noticeably large were Tinnevely (10.7) & Palamcottah (16.7). In the whole Presidency only eight towns returned deaths from Small-pox, and, of these, the only one in which the death-rate was appreciably large was Vellore 3.5; in all the rest the rate was below one per mille. Fevers proved fatal in 1560 cases

against 1655 in October last, & 1513 in November 1894.
 The death-rate was largest in Serinliputur (17.0),
 Chellumbur (15.5), Parlakimedi (15.4) & Tuhimin
 (15.3). It was also large in the other towns.
 Dysentery and Diarrhoea caused 584 deaths,
 against 646 in the previous month. The death-
 rate from these causes was large in 9 towns,
 ranging from 5.6 in Annabakuram to 11.5 in
 Tuhimin.

No. $\frac{477}{8}$

Madras.

3 March 1896

W King

Surgeon Lieut. Col
 Sanitary Commissioner for Madras