

Revenue (1898) Department.

MISCELLANEOUS SERIES.

G.O., No. 2238

DATED 23rd May

[Despatch Abstract.]

Recording B.P. (R.S. & A.) recording, with
remarks. Statements showing the death-rate
in the affected dists. in January & February 1898

BACK PAPERS.

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

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Gen. 1160/77							
Go. 3051	Revenue		20-7-92				

REVENUE DEPARTMENT.

1898.

Current No. 220.

Board of Revenue

*Sp. 190 71-4-98
" 161 8 11-1-98*

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Recd. 18 May

Enclosures

1898.

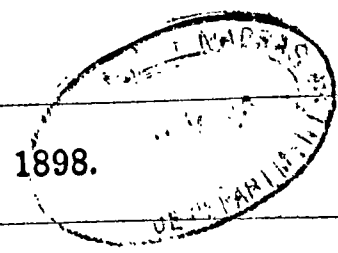
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Proceedings, No. 167, 2nd May 1898.



G. A. min no. 2238 d/23rd May

Recorded

MAY.

*RS
20-5-98*

U.V.S

Death-rate in the affected Districts.—Recording, with remarks, statements showing the—in January and February 1898.

PROCEEDINGS OF THE BOARD OF REVENUE
(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

RECORDS AND AGRICULTURE).

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 1843, dated 14th March 1898:—

Read—the following letter from Surgeon-Lieut. Col. [illegible]
Sanitary Commissioner for [illegible]
Revenue Settlement [illegible]

Agri.), Mis. No. 1812, dated 14th March 1898:—
Read—the following letter from Surgeon-Lieut.-Col. W. G. KING, M.B., C.M., D.P.H.,
Sanitary Commissioner for Madras, to the Secretary to the Commissioner of
Revenue Settlement, Land Records and Agriculture, dated Fort St. George,
10th March 1898, No. 573-S.:—
With reference to G.O., Mis. No. 161, D.
have the honour to forward, herewith,
for the month of

With reference to G.O., Mis. No. 161, Revenue, dated 11th January 1908, I have the honour to forward, herewith, the death-rates for the famine-affected districts for the month of January 1898 as compared with the average of the ten previous non-famine years. To enable an estimate to be formed as to the causation of mortality, I attach statements giving the necessary details in the case of those districts which have shown a large increase over the average.

2. The return from Ganjám has not yet been called for; on receipt thereof a statement will be forwarded.
3. The rates will be furnished to the Secretary to the Commissioner of Land Records and Agriculture, dated Fort St. George,

2. The return from Ganjám has not yet been received in this office. It has been called for; on receipt thereof a supplemental statement will be forwarded.
3. The rates, with the exception of those of Ganjám, have been forwarded to the Government of India.
4. A statement comparing the rates of the districts with the average of the ten previous non-affected districts is being prepared.

3. The rates, with the exception of those of Ganjám, have been communicated to the Government of India.
4. A statement comparing the actual talukwar rates with the average of the corresponding years has been forwarded, as required by the Government of India.

4. A statement comparing the actual talukwar mortality of the Nellore district with the average of the corresponding months of 1894 and 1895 is herewith forwarded, as required by B.P., Mis. No. 1403, dated 25th February 1898.

ENCLOSURE No. 1.

SPECIAL death-rate return for the famine-affected districts for January 1898.

	Calculated on the Census population	Calculated on the actual population
No. of deaths	107	107
Total population	1,600	1,600
Death-rate per 1,000	6.69	6.69

Districts.	Famine-affected districts for January 1898.					
	Calculated on the Census population.	Calculated on the estimated population.			Deaths from starvation.	
		Death-rate of the month per mille per annum.	Death-rate of the month per mille per annum.	Average death-rate of the month per mille per annum during ten previous years.		Average death-rate of the month per mille per annum during ten previous non-famine years.
Vizagapatam	..	27.1	28.0	20.6	20.2	..
Shadrachalam	..	31.5	18.5	60.9	46.4	..
Kurnool	..	21.1	20.0	23.0	22.8	..
Cuddapah	..	21.8	17.7	22.3	22.2	..
Bellary	..	21.0	19.7	19.1	19.1	..
Anantapur	..	21.4	19.8	17.9	17.9	..
Nellore	..	22.5		17.0	16.4	..

* The rates have been calculated on the census population for which returns were received from this district. Again the average rate of five years, instead of ten, is given for the districts from which returns are not available from 1892-95.

22.5	19.7	19.1	22.2	..
	19.8	17.9	19.1	..
		17.0	17.9	..
			16.4	..

* The rates have been calculated on the census population for which returns were received, as it has not been found possible to estimate the population correctly owing to the fluctuations in the populations for which returns were received from this district. Again the average rate of five years, instead of ten, is given as the populations for which returns were received are not available from 1892-95.

ENCLOSURE No. 2.

VIZAGAPATAM—January 1898.

Years.			Total deaths.	Death-rate per mille of population for which returns were received.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
					Cholera.	Small-pox.	Fever.	Dysentery and Diarrhoea.	All other causes.	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhoea.	All other causes.
1889	..	..	1,872	16.2	..	111	1,543	20	198	..	5.9	82.4	1.1	10.6
1890	..	..	2,820	22.7	3	121	2,476	39	181	0.1	4.3	87.8	1.4	6.4
1891	..	..	2,590	21.4	..	26	2,278	42	245	..	1.0	88.0	1.6	9.4
1892	..	..	3,627	22.4	1	85	3,146	47	348	0.03	2.4	86.7	1.3	9.6
1893	..	..	2,648	19.9	13	106	2,237	55	237	0.5	4.0	84.5	2.1	8.9
1894	..	..	3,227	20.6	90	45	2,792	80	828	2.7	1.4	83.7	2.4	9.8
1895	..	..	3,335	19.9	..	16	2,881	71	259	..	0.5	89.3	2.2	8.0
1896	..	..	3,157	23.0	..	22	2,853	61	221	..	0.7	90.4	1.9	7.0
1897	..	..	2,401	18.1	10	83	1,996	72	240	0.4	3.5	83.1	3.0	10.0
1898	..	..	3,379	27.1	13	107	2,916	51	292	0.4	3.2	86.3	1.6	8.6

ENCLOSURE No. 3.

ANANTAPUR—January 1898.

Years.			Total deaths.	Death-rate per mille of the estimated population.	Number of deaths under each of the principal causes.						Percentage of total deaths under					
					Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhoea.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhoea.	All other causes.		
1889	..	..	1,242	21.8	103	91	167	34	847	8.3	7.3	13.5	2.7	68.2		
1890	..	..	1,123	19.4	2	133	174	23	791	0.2	11.9	15.5	2.0	70.4		
1891	..	..	1,307	22.2	15	59	365	21	922	..	4.5	23.3	1.6	70.6		
1892	..	..	874	14.6	..	7	120	9	723	1.7	0.8	13.8	1.0	82.7		
1893	..	..	873	14.3	..	13	194	10	657	..	1.5	22.1	1.1	75.4		
1894	..	..	1,068	17.3	..	11	199	20	838	..	1.0	18.6	1.9	78.5		
1895	..	..	859	13.7	..	19	141	13	686	..	2.2	16.4	1.5	79.9		
1896	..	..	1,185	18.3	..	78	169	17	822	7.2	7.2	15.5	1.6	75.7		
1897	..	..	1,298	19.7	..	85	208	27	770	..	8.0	17.5	2.3	65.0		
1898	..	..				47	346	36	869		3.6	26.6	2.8	67.0		

ENCLOSURE No. 4.
NELLORE—January 1898.

Years.	Total deaths.	Death-rate per mille of the estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
			Cholera.	Small-pox.	Fever.	Dysentery and Diarrhoea.	All other causes.	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhoea.	All other causes.
1882	1,850	18.6	19	23	893	85	825	1.0	1.5	44.2	4.6	44.6
1883	1,571	13.1	2	42	749	64	714	0.1	2.7	47.7	4.1	45.4
1884	1,922	15.9	2	23	1,035	35	834	0.1	0.6	53.8	1.9	43.6
1885	2,658	21.4	178	12	1,080	78	1,246	6.7	2.9	45.8	2.9	40.9
1886	2,278	19.0	61	77	1,044	61	1,246	2.3	3.4	40.6	2.9	40.9
1887	2,064	16.0	..	78	1,115	40	903	..	0.3	51.0	1.1	44.4
1888	2,203	14.4	7	4	1,102	23	1,067	0.3	0.2	51.0	1.1	44.4
1889	1,928	18.3	39	11	1,234	32	877	1.6	0.4	49.7	1.3	47.0
1890	2,494	19.8	470	22	1,116	67	1,670	17.1	0.8	40.7	2.4	39.0

A statement comparing the talukwar mortality of the Nellore district in the month of January 1898 with the averages of the corresponding months of 1894 and 1895.

ENCLOSURE No. 5.

Taluka.	Actual mortality in January 1898.	Average mortality in January during the years 1894 and 1895.
Ongole	311	227
Ongole, M. T.	29	25
Kandukur	215	193
Kavali	122	102
Kanigiri	57	83
Udayagiri	161	100
Atmakur	212	119
Rapur	176	122
Nellore	385	258
Nellore, M. T.	114	52
Gudur	206	132
Zamindari	727	690
Total	2,745	2,133

Resolution—Mis. No. 1842, dated 14th March 1898.
Recorded pending receipt of the supplemental return promised for Ganjam.

(True Copy and Extract.)
(Signed)

L. E. BUCKLEY,
Famine Secretary.

Read—the following letter from Surgeon-Lieut.-Col. W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated Fort St. George, 19th April 1898, No. 903-S.:—
With reference to G.O., Mis. No. 161, Revenue, dated 11th January 1898, I have the honour to forward, herewith, the death-rates for the famine-affected districts

for the month of February 1898, as compared with the average of the ten previous non-famine years. To enable an estimate to be formed as to the causation of mortality, I attach statements giving the necessary details in the case of those districts which have shown a large increase over the average.

2. The return from Ganjam has not yet been received in this office; it has been wired for. On receipt thereof a supplemental statement will be forwarded.

3. The rates, with the exception of those of Ganjam, have been communicated to the Government of India.

4. A statement comparing the actual talukwar mortality of the Nellore district, with the average of the corresponding months of 1894 and 1895, is herewith forwarded as required by Board's Proceedings, Mis. No. 1403, dated 28th February 1898.

ENCLOSURE No. 1.

SPECIAL death-rate return for the famine-affected districts for the month of February 1898.

Districts.	Calculated on the Census population.	Calculated on the estimated population.			Deaths from starvation.
	Death-rate of the month per mille per annum.	Death-rate of the month per mille per annum.	Average death-rate of the month per mille per annum during ten previous non-famine years.	Average death-rate of the month per mille per annum during ten previous non-famine years.	
Vizagapatam	19.0	34.1	15.6	15.0	..
Bhadrachalam (Goddavari district)	38.5	16.9	36.0	32.5	..
Nellore	19.1	12.5	15.1	14.2	..
Kurnool	14.3	14.5	19.9	19.8	..
Cuddapah	15.8	14.8	17.4	16.4	..
Bellary	17.6	14.7	17.6	17.4	..
Anantapur	16.0	14.7	14.8	14.4	..

* The rates have been calculated on the Census population for which returns were received, as it has not been found possible to estimate the population correctly owing to the fluctuations in the populations for which returns were received from these districts. Again the average rates of five years instead of ten are given, as the populations for which returns were received are not available from 1892—95.

ENCLOSURE No. 2.

VIZAGAPATAM District—February 1898.

Years.	Total deaths.	Death-rate per mille per annum on the population for which returns were received.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
			Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.
1889	1,376	11.9	..	109	1,104	27	136	..	7.9	80.2	2.0	9.9
1890	2,027	16.3	..	78	1,782	24	143	..	3.8	87.9	1.2	7.1
1891	1,841	15.2	..	27	1,556	29	229	..	1.5	84.6	1.6	12.4
1892	3,572	22.1	48	141	2,946	78	359	1.3	3.9	82.5	2.2	10.1
1893	2,259	14.0	11	142	1,800	52	254	0.5	6.3	79.7	2.3	11.2
1894	2,339	14.4	49	39	1,923	55	273	2.1	1.7	82.2	2.3	11.7
1895	2,490	15.4	..	53	2,058	65	314	..	2.1	82.7	2.6	9.1
1896	2,390	18.2	..	10	2,100	62	218	..	0.4	87.9	2.5	10.4
1897	2,242	16.8	127	114	1,712	56	204	5.7	5.1	76.3	2.5	12.6
1898	2,233	19.0	3	196	1,781	49	204	0.1	8.8	79.8	2.2	9.1

ENCLOSURE No. 3.

NELLORE District—February 1898.

Year.	Total deaths.	Death-rate per mille per annum of the estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
			Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.
1889	1,156	9.8	8	13	556	24	555	0.7	1.1	49.1	2.1	48.0
1890	1,361	11.4	..	40	681	53	587	..	3.0	50.0	3.9	43.1
1891	1,686	13.8	6	21	882	35	742	0.4	1.2	52.3	2.1	44.0
1892	2,672	21.5	152	90	1,272	55	1,103	5.7	3.4	47.6	2.0	41.3
1893	2,080	16.4	30	58	990	55	946	1.4	2.8	47.6	2.7	45.5
1894	1,947	15.1	30	12	1,050	23	832	1.5	0.6	53.9	1.2	42.8
1895	2,034	15.6	3	4	1,048	33	946	0.2	0.2	51.5	1.6	46.5
1896	1,798	13.5	..	9	1,000	21	768	..	0.5	55.6	1.2	42.7
1897	2,436	17.9	10	6	1,225	27	1,168	0.4	0.2	50.3	1.1	48.0
1898	2,335	16.9	549	27	910	63	781	23.5	1.2	39.0	2.9	33.4

ENCLOSURE No. 4.

A STATEMENT comparing the talukwar mortality of the Nellore District in the month of February 1898 with the averages of the corresponding months of 1894 and 1895.

Taluka.	Actual mortality in February 1898.	Average mortality in February during the years 1894 and 1895.
Ongole	291	175
Ongole, M. T.	23	12
Kandukur	179	179
Kavali	92	98
Kanigiri	62	90
Udayagiri	83	96
Atmakur	157	156
Rapur	133	125
Nellore	500	199
Nellore, M. T.	77	49
Gudur	183	136
Zamindaris	555	676
Total	2,335	1,991

READ—also the following letter from Surgeon-Lieut.-Col. W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated Fort St. George, 20th April 1898, No. 905-S. :—

In continuation of this office letter, No. 573-S., dated 10th March 1898, I have the honour to forward, herewith, for the famine-affected district of Ganjam, two statements for the month of January 1898, one giving the total mortality of the district and the other the causation of disease.

ENCLOSURE No. 1.

SPECIAL death-rate return for the famine-affected district of Ganjam for the month of January 1898.

District.	Calculated on the population for which returns were received.			
	Death-rate of the month per mille per annum.	Average death-rate of the month per mille per annum during five previous years ending 1891.	Average death-rate of the month per mille per annum during five previous non-famine years ending 1891.	Deaths from starvation.
Ganjam	53.4	17.5	16.5	..

* The rates have been calculated on the Census population for which returns were received, as it has not been found possible to estimate the population correctly owing to the fluctuations in the populations for which returns were received from this district. Again the average rates of five years instead of ten are given, as the populations for which returns were received are not available from 1892—95.

ENCLOSURE No. 2.

GANJAM District—January 1898.

Year.	Total deaths.	Death-rate per mille per annum on the population for which returns were received.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
			Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.
1889	1,878	23.1	28	546	1,037	34	233	1.5	29.1	55.2	1.8	12.4
1890	1,782	15.9	..	112	1,383	39	248	..	6.3	77.6	2.2	13.9
1891	1,607	14.0	8	19	1,270	22	288	0.5	1.2	79.0	1.4	17.9
1892	2,052	13.0	19	25	1,659	23	326	0.9	1.2	80.9	1.1	15.9
1893	2,063	13.1	18	14	1,709	34	288	0.9	0.7	82.8	1.6	14.0
1894	2,393	15.1	51	10	1,896	48	388	2.2	0.4	79.2	2.0	16.2
1895	1,917	12.1	1	20	1,543	44	309	0.1	1.0	80.5	2.3	16.1
1896	2,217	21.6	104	77	1,622	64	350	4.7	3.5	73.1	2.9	15.8
1897	3,363	30.7	362	833	1,630	130	408	10.8	24.8	48.4	3.9	12.1
1898	4,429	53.4	16	2,514	1,541	89	269	0.4	56.7	34.8	2.0	6.1

READ—the following letter from Surgeon-Lieut.-Col. W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras, to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, dated Fort St. George, 21st April 1898, No. 915-S. :—

In continuation of this office letter, No. 903-S., dated 19th April 1898, I have the honour to forward herewith, for the famine-affected district of Ganjam, two statements for the month of February 1898—one showing the rate of mortality in the district and the other the causation of disease.

ENCLOSURE No. 1.

SPECIAL death-rate return for the famine-affected District of Ganjám for the month of February 1898.

District.	Calculated on the population for which returns were received.			Deaths from starvation.
	Death-rate of the month per mille per annum.	Average death-rate of the month per mille per annum during five previous years ending 1891.	Average death-rate of the month per mille per annum during five previous non-famine years ending 1891.	
Ganjám	86.7	• 15.0	• 14.3	..

* The rates have been calculated on the Census population for which returns were received, as it has not been found possible to estimate the population correctly owing to the fluctuations in the populations for which returns were received from this district. Again the average rates of five years instead of ten are given, as the populations for which returns were received are not available from 1892-95.

ENCLOSURE No. 2.

GANJAM District—February 1898.

Years.	Total deaths.	Death-rate per mille per annum on the population for which returns were received.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
			Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	All other causes.
1889	1,636	20.1	58	606	743	26	203	3.5	37.1	45.4	1.6	12.4
1890	1,801	16.0	6	223	1,349	32	192	0.3	12.4	74.9	1.8	10.6
1891	1,405	12.2	..	36	1,092	18	259	..	2.6	77.7	1.3	18.4
1892	1,680	10.6	..	34	1,307	27	312	..	2.0	77.8	1.6	18.6
1893	1,898	10.5	..	10	1,623	30	235	..	0.5	85.5	1.6	12.4
1894	1,662	9.7	47	20	1,292	32	271	2.8	1.2	77.8	1.9	16.3
1895	1,539	13.7	1	13	1,233	39	253	0.1	0.9	80.1	2.5	16.4
1896	1,306	29.4	16	40	984	32	230	1.2	3.1	75.6	2.6	17.6
1897	3,090	86.7	284	11,185	1,176	105	341	9.2	35.4	38.0	3.4	11.0
1898	3,098	..	6	1,700	1,152	41	199	0.2	54.9	37.2	1.3	6.4

RESOLUTION—No. 167, dated 2nd May 1898.

Recorded.

2. The death-rate in January and February was higher than the average in Ganjám, Vizagapatam, Anantapur and Nellore. The increase in Ganjám was due wholly to prevalence of small-pox, while that in Vizagapatam was due to small-pox and fever. In Anantapur the increase was appreciably large only in January and was due mainly to fever. In Nellore the increase is attributable wholly to cholera, and was confined to the non-affected taluks of Ongole, Nellore, Rapur and Gudur in February, although in the previous month it was observable in all taluks except Kanigiri.

(True Copies and Extract.)

P. V. Srinivasa
Secretary.

To the Secretary to Government, Revenue Department.
" Sanitary Commissioner.
" Collector of Ganjám.
" " of Vizagapatam.
" " of Godáviri.
" " of Deccan districts.
" " of Nellore.

Exd. Shaik Karim.

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189 .

READ AGAIN G.O., No.

189 .

DATED

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.

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