Revenue (1898) Department.

PRESS SERIES.

G.O., No. 135

Dated 8th March

[Despatch Abstract.]

Recording Broads Proc: according with remarks special death rate returns for the affected district received from the Sanitary Commr for the months of October & November 1897.

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
Cir	2046/98						

REVENUE DEPARTMENT.

1898. Current No 1610.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Recd. 25 *Feby* } 1898. *Enclosures*

Regd. 28 — } *Spare copies*

Printed February th.

Proceedings, No. 68, 8th February 1898.

FEBRUARY.

Special death-rate returns.—Recording — for the affected districts received from the Sanitary Commissioner for the months of October and November 1897, with a request to include Nellore also in the returns.

Recorded

PROCEEDINGS OF THE BOARD OF REVENUE

(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

READ—the following letter from Surgeon-Lieutenant-Colonel W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras, to the Secretary to the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated Fort St. George, 1st February 1898, No. 190-S. :—

With reference to the Proceedings of the Board of Revenue, Mis. No. 2402, dated 30th March 1897, I have the honour to forward herewith the death-rates for the famine-affected districts for the month of November 1897, as compared with the average of 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 rates have been communicated to the Government of India.

SPECIAL death-rate return for the famine-affected districts for November 1897.

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 years.	Average death-rate of the month per mille per annum during ten previous non-famine years.	
Ganjám	40·0	..	• 18·0	• 17·1	..
Vizagapatam	33·6	..	• 17·2	• 17·7	..
Bhadráchalam	36·6	32·6	43 1	42·6	..
Kurnool	27·8	24·5	24 1	22·9	..
Cuddapah	34·4	31·6	24·3	22·8	..
Bellary	32·0	27·1	20 0	19·4	..
Anantapur	33·3	30·7	18·4	18·8	..

• 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.

GANJAM District—November 1897.

Years.	Population of villages for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths from				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	973,453	1,575	19·4	134	226	935	32	248	8·5	14·3	59·4	2·0	15·8
1889	977,692	1,817	22 3	84	61	1,317	44	311	4·6	3·4	72·5	2·4	17·1
1890	1,346,896	1,329	11·8	5	26	971	36	291	0·4	1·9	73·1	2·7	21·9
1891	1,376,420	1,657	14·4	36	15	1,249	33	324	2·2	0·9	75·4	2 0	19·5
1892	1,896,400	2,565	16·2	175	27	1,765	70	528	6·8	1·1	68 8	2·7	20·6
1893	1,896,400	2,104	13·3	79	12	1,566	67	380	3·7	0·6	74·4	3·2	18·1
1894	1,896,400	1,948	12·3	61	7	1,449	62	369	3·1	0·4	74·4	3·2	18·9
1895	1,896,400	2,142	13 6	113	39	1,543	91	356	5·3	1·8	72·0	4·3	16·6
1896	1,319,942	1,826	16·6	136	160	1,203	62	265	7·4	8·8	65·9	3·4	14·5
1897	923,111	3,077	40 0	344	755	1,486	129	363	11·2	24·5	48·3	4·2	11·8

VIZAGAPATAM District—November 1897.

Years.	Population of villages for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths from				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	1,232,631	1,395	13·6	..	2	1,147	42	204	..	0·2	82·2	3·0	14·6
1889	1,390,887	2,631	22·7	4	30	2,336	33	228	0·1	1·1	88·8	1·3	8·7
1890	1,493,909	2,219	17·8	..	20	1,972	23	204	..	0·9	88·9	1 0	9·2
1891	1,455,856	2,086	17·2	3	23	1,693	47	320	0·1	1·1	81·2	2·3	15·3
1892	1,942,195	2,980	18 4	7	78	2,553	78	264	0·2	2·6	85·7	2·6	8·9
1893	1,942,195	2,685	16·6	2	56	2,318	67	242	0·1	2·1	86·3	2·5	9·0
1894	1,942,195	3,234	20·0	..	10	2,876	62	286	..	0·3	88·9	1·9	8·9
1895	1,658,937	2,808	20·3	4	8	2,509	52	235	0·1	0·3	89·3	1·9	8·4
1896	1,515,354	2,102	16·6	19	37	1,727	75	244	0·9	1·8	82·1	3·6	11·6
1897	1,414,908	3,961	33·6	154	71	3,236	120	380	3·9	1·8	81·7	3·0	9·6

KURNOOL District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	784,173	1,599	24·5	2	157	1,038	30	372	0·1	9·8	64·9	1·9	23·3
1889	798,949	1,609	24 2	26	15	1,218	27	323	1·6	0·9	75·7	1·7	20·1
1890	814,003	1,636	24 1	..	54	1,186	44	352	..	3·3	72·5	2·7	21·5
1891	829,341	1,554	22·5	51	15	1,141	17	330	3·3	1·0	73·4	1·1	21·2
1892	844,967	2,394	34·0	102	6	1,680	42	414	4·3	0 2	76·4	1·8	17·3
1893	860,889	1,797	25·0	..	1	1,453	21	325	..	1 0	79·7	1·2	18·1
1894	877,110	1,472	20·1	..	2	1,102	19	340	..	1 4	74·2	1·3	23·1
1895	893,637	1,311	17·6	2	4	967	8	302	0·2	3·2	73 0	0·6	23·0
1896	910,475	1,109	14·6	2	4	814	7	240	0·2	4·2	73·4	0·6	21·6
1897	927,631	1,895	24·5	65	1	1,474	75	275	3 4	0·3	77 8	4·0	14·5

CUDDAPAH District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	1,236,407	2,022	19·6	34	89	1,460	64	435	1·7	4·4	69·2	3·2	21·5
1889	1,253,133	2,242	21·5	48	146	1,634	58	356	2·1	6·5	72·9	2·6	16·9
1890	1,268,059	2,048	19·4	84	80	1,508	53	323	4·1	3·9	73 6	2·6	15·8
1891	1,284,188	3,211	30 0	926	45	1,763	85	392	28·8	1·4	54·9	2·7	12·2
1892	1,300,522	2,998	27·7	69	25	2,388	76	440	2·3	0·8	79·7	2·5	14·7
1893	1,317,064	2,715	24·7	..	13	2,230	44	428	..	0·5	82·1	1 6	15·8
1894	1,333,816	2,949	26·5	2	13	2,334	65	535	0·1	0 4	79·1	2·2	18 2
1895	1,350,782	2,356	21·2	..	25	1,764	53	514	..	1·1	73·9	2·2	22·8
1896	1,367,963	1,834	16·1	50	26	1,284	38	436	2·7	1·4	70·0	2·1	23 8
1897	1,385,362	3,650	31·6	500	36	2,364	114	636	13·7	1·0	64·8	3·1	17·4

BELLARY District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	867,901	1,690	23·4	150	112	415	90	923	8·9	6·6	24·5	5·3	54·7
1889	887,021	1,655	22·4	114	51	520	78	892	6·9	3·1	31·4	4·7	53·9
1890	906,562	1,444	19·1	..	24	481	50	889	..	1·6	33·3	3·5	61·6
1891	926,533	1,697	22·0	53	6	569	61	1,008	3·1	0·4	33·5	3·6	59·4
1892	946,945	1,759	22·3	2	21	698	85	953	0·1	1·2	39·7	4·8	54·2
1893	967,806	1,765	21·9	1	45	866	61	792	0·1	2·5	49·1	3·4	44·9
1894	989,127	1,535	18·6	..	36	687	49	763	..	2·3	44·8	3·2	49·7
1895	1,010,917	1,277	15·2	48	12	494	53	670	3·8	0·9	38·7	4·1	52·5
1896	1,033,187	1,352	15·7	28	5	556	52	711	2·1	0·4	41·1	3·8	52·6
1897	1,055,948	2,384	27·1	196	15	1,169	122	882	8·2	0·7	49·0	5·1	37·0

ANANTAPUR District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	683,460	1,197	21·0	116	26	122	44	889	9·7	2·2	10 2	3·7	74 2
1889	694,498	1,215	21·0	42	68	194	20	891	3·5	5·6	16·0	1·6	73·3
1890	705,715	1,262	21·5	..	23	314	15	910	..	1 8	24·9	1·2	72·1
1891	717,112	886	14·8	5	8	134	17	722	0 6	0 9	15·1	1·9	81 5
1892	728,594	1,032	17·0	..	8	227	10	787	..	0·8	22 0	1·0	76·2
1893	740,463	982	15·9	14	9	189	16	754	1·4	0·9	19·3	1·6	76·8
1894	752,422	970	15·6	24	3	176	20	747	2·5	0·3	18·1	2·1	77·0
1895	764,573	1,015	15 9	..	49	207	23	736	..	4 8	20·4	2·3	72 5
1896	776,921	1,104	17·1	286	20	138	18	642	25·9	1·8	12·5	1 6	58·2
1897	789,487	2,017	30·7	434	24	440	72	1,047	21·5	1·2	21·8	3·6	51·9

READ—the following letter from Surgeon-Lieutenant-Colonel W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras, to the Secretary to the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated Fort St. George, 11th December 1897, No. 2596-S. :—

With reference to the Proceedings of the Board of Revenue, Mis. No. 2402, dated 30th March 1897, I have the honour to forward herewith the death-rates for the famine-affected districts for the month of October 1897, as compared with the average of 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 rates have been communicated to the Government of India.

SPECIAL death-rate return for the famine-affected districts for October 1897.

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 years.	Average death-rate of the month per mille per annum during ten previous non-famine years.	
Ganjám	• 41·7	..	• 18·8	• 18·1	..
Vizagapatam	• 43·8	..	• 18·2	• 18·8	..
Bhadráchalam	26 5	23·6	38 2	38·4	..
Kurnool	43·2	38·1	23·4	22·6	..
Cuddapah	54·9	50·4	22·3	21·3	..
Bellary	40·3	34·1	21·3	20·3	..
Anantap r	53·4	49·3	19·1	18·9	..

• 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 death-rate of five years instead of ten is given as the population for which returns were received are not available from 1892—95.

GANJAM District—October 1897.

Years.	Population for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	973,453	1,251	15·4	34	85	[illegible]				6·8	67·3	3·2	20·0
1889	977,692	1,819	22·3	35	73	1,284	57	370	[illegible]			3·1	20·4
1890	1,346,896	1,371	12 2	..	14	1,060	32	265	..	1		2·4	19·3
1891	1,376,420	1,839	16·0	..	1	1,400	35	392	..	0·7	76	..	21·3
1892	1,896,400	1,956	12·4	31	24	1,443	43	415	1·6	1·2	73·8	..	21·2
1893	1,896,400	1,986	12·6	..	30	1,494	56	406	..	1·5	75·2	2·8	20·5
1894	1,896,400	1,939	12·3	..	11	1,510	55	363	..	0·6	77·9	2·8	18·7
1895	1,896,400	2,362	14·9	13	32	1,829	102	386	0·6	1·4	77·4	4·3	16·3
1896	1,337,884	2,205	19·8	263	82	1,459	63	338	11·9	3·7	66·2	2·9	15 8
1897	1,024,838	3,563	41·7	551	460	1,928	211	413	15·5	12·9	54·1	5·9	11·6

VIZAGAPATAM District—October 1897.

Years.	Population for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	1,232,631	1,252	12·2	..	9	1,032	27	184	..	0·7	82·4	2 2	14·7
1889	1,390,887	2,562	22·1	15	42	2,217	37	251	0·6	1·6	86·5	1·5	9·8
1890	1,493,909	2,122	17·0	..	33	1,847	33	209	..	1·5	87·0	1·6	9·9
1891	1,455,856	2,287	18·9	10	16	1,899	63	299	0·4	0·7	83·0	2 8	13·1
1892	1,942,195	2,759	17·0	24	86	2,278	83	288	0·9	3·1	82·6	3·0	10·4
1893	1,942,195	2,570	15·9	..	41	2,160	65	304	..	1·6	84·0	2·6	11·8
1894	1,942,195	2,790	17·2	..	14	2,367	83	326	..	0·5	84·8	3 0	11·7
1895	1,659,282	3,453	25·0	..	16	3,027	93	317	..	0·4	87·7	2·7	9·2
1896	1,682,733	2,887	20·6	97	15	2,405	68	302	3·4	0·5	83·3	2·3	10·5
1897	1,526,595	5,578	43·8	551	46	4,264	285	432	9·9	0·8	76·4	5·1	7·8

KURNOOL District—October 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	782,957	1,402	21 5	..	101	999	20	282	..	7·2	71 3	1·4	20·1
1889	797,710	1,736	26 1	43	44	1,262	24	363	2·5	2·5	72 7	1·4	20·9
1890	812,741	1,574	23·2	17	34	1,149	38	336	1·1	2·2	73·0	2·4	21·3
1891	828,055	1,602	23·2	43	11	1,143	33	372	2·7	0·7	71·4	2·0	23·2
1892	843,654	2,106	29·9	116	18	1,551	58	363	5·5	0·9	73·6	2·8	17·2
1893	859,551	1,626	22·7	..	20	1,238	26	342	..	1·2	76·2	1·6	21·0
1894	875,747	1,427	19·5	5	23	1,073	15	311	0·4	1·6	75·2	1·0	21·8
1895	892,248	1,465	19·7	55	37	1,010	20	343	3·7	2 5	69·0	1·4	23·4
1896	909,068	1,451	19·1	60	34	1,048	8	301	4·1	2·3	72·2	0·6	20·8
1897	926,189	2,943	38·1	741	19	1,685	120	378	25·2	0·6	57 3	4·1	12 8

CUDDAPAH District—October 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	1,234,813	2,078	20·2	113	71	1,432	66	396	5·4	3·4	68·9	3·2	19·1
1889	1,250,516	2,230	21·4	27	118	1,630	70	385	1·2	5·3	73·1	3·1	17·3
1890	1,266,423	2,360	22·4	293	91	1,529	73	374	12·4	3·9	64·8	3·1	15·8
1891	1,282,530	2,462	23·0	404	40	1,587	76	355	16·4	1·6	64·5	3·1	14·4
1892	1,299,153	2,716	25·1	82	43	2,091	68	432	3·0	1·5	77·0	2 5	15·9
1893	1,315,677	2,570	23·4	..	6	2,091	43	430	..	0·2	81·4	1·7	16·7
1894	1,332,412	2,427	21·9	17	39	1,949	43	390	0·7	1·3	80·2	1·8	16 0
1895	1,349,359	2,262	20·1	..	11	1,701	40	510	..	0·5	75 2	1·8	22·5
1896	1,366,522	1,920	16 9	61	17	1,347	49	446	3·2	0·9	70·2	2·5	23·2
1897	1,383,903	5,816	50·4	2,450	27	2,413	163	763	42·1	0·5	41·5	2·8	13·1

BELLARY District—October 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	866,321	1,973	27·3	304	48	476	92	1,053	15·4	2·4	24·1	4·7	53·4
1889	885,405	1,922	26·0	166	25	529	94	1,108	8·6	1·3	27·5	4·9	57·7
1890	904,910	1,430	19·0	..	28	449	50	903	..	2·0	31 4	3·5	63·1
1891	924,844	1,885	24·4	137	11	542	61	1,134	7·3	0·6	28·7	3·2	60·2
1892	945,227	1,799	22·8	48	9	680	110	952	2·7	0·5	37·8	6·1	52·9
1893	966,060	1,631	20 2	..	44	729	60	798	..	2·7	44·7	3·7	48·9
1894	987,332	1,511	18·4	..	45	730	45	691	..	3·0	48·3	3·0	45·7
1895	1,009,083	1,644	16·0	70	7	527	49	695	5·2	0·5	39·1	3·6	51·6
1896	1,031,313	1,559	18·1	165	4	534	52	804	10·6	0·2	34·2	3·3	51·7
1897	1,054,033	2,995	34·1	596	19	1,207	244	929	19·9	0·6	40·3	8·2	31·0

ANANTAPUR District—October 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	682,591	1,130	19 9	102	11	138	37	842	9·0	1·0	12·2	3·3	74·5
1889	693,616	1,260	21·8	101	54	170	24	911	8·0	4·3	13·5	1·9	72·3
1890	704,819	1,217	20·7	..	27	221	27	942	..	2·2	18·2	2·2	77·4
1891	716,204	1,104	18·5	63	11	170	18	842	5·7	1·0	15·4	1·6	76·3
1892	727,723	1,114	18·4	31	14	203	18	848	2·8	1·3	18·2	1·6	76.1
1893	739,475	985	16·0	4	19	195	20	747	0·4	1·9	19·8	2·0	75·9
1894	751,418	983	15·7	33	10	181	17	742	3·4	1·0	18·4	1·7	75·5
1895	763,554	993	15·6	10	25	156	23	779	1·0	2·5	15·7	2·3	78·5
1896	775,886	1,345	20·8	454	21	140	14	716	33·8	1·6	10·4	1·0	53·2
1897	788,417	3,238	49·3	1,683	14	414	81	1,046	52·0	0·4	12·8	2·5	32·3

RESOLUTION—No. 68, dated 8th February 1898.

Recorded with the remark that the death-rate during the month of November shows a considerable fall as compared with the returns for September and October.

2. The Sanitary Commissioner is requested to include Nellore in these returns and to give the figures from November 1897.

(True Copy and Extract.)

Famine Secretary.

To the Secretary to Government, Revenue Department.
" Sanitary Commissioner.
" Collector of Ganjám.
" " of Vizagapatam.
" " of Kurnool.
" " of Cuddapah.
" " of Bellary.
" " of Anantapur.

Rd. W. D'Mos.

Government {1898} of Madras.

REVENUE.

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

G.O., No. 135, 8th March 1898.

MARCH.

Special death-rate returns.

Recording Board's Proceedings recording, with remarks, — for the affected districts received from the Sanitary Commissioner for the months of October and November 1897.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), No. 68, dated 8th February 1898 :—

Read—the following letter from Surgeon-Lieutenant-Colonel W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras, to the Secretary to the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated Fort St. George, 1st February 1898, No. 190-S. :—

With reference to the Proceedings of the Board of Revenue, Mis. No. 2402, dated 30th March 1897, I have the honour to forward herewith the death-rates for the famine-affected districts for the month of November 1897, as compared with the average of 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 rates have been communicated to the Government of India.

Special death-rate return for the famine-affected districts for November 1897.

Districts.	Calculated on the Census population.	Calculated on the estimated population.			
	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.	Deaths from starvation.
Ganjám	40·0	..	• 18·0	• 17·1	..
Vizagapatam	33·6	..	• 17·2	• 17·7	..
Bhadráchalam	36·6	32·6	43 1	42·6	..
Kurnool	27·8	24·5	24 1	22·9	..
Cuddapah	34·4	31·6	24·3	22·8	..
Bellary	32·0	27·1	20 0	19·4	..
Anantapur	33·3	30·7	18·4	18·8	..

• 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.

Ganjam District—November 1897.

Years.	Population of villages for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths from				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	973,453	1,575	19·4	134	226	935	32	248	8·5	14·3	59·4	2·0	15·8
1889	977,692	1,817	22·3	84	61	1,317	44	311	4·6	3·4	72·5	2·4	17·1
1890	1,346,896	1,329	11·8	5	26	971	36	291	0·4	1·9	73·1	2·7	21·9
1891	1,376,420	1,657	14·4	36	15	1,249	33	324	2·2	0·9	75·4	2 0	19·5
1892	1,896,400	2,565	16·2	175	27	1,765	70	528	6·8	1·1	68 8	2·7	20·6
1893	1,896,400	2,104	13·3	79	12	1,566	67	380	3·7	0·6	74·4	3·2	18·1
1894	1,896,400	1,948	12·3	61	7	1,449	62	369	3·1	0·4	74·4	3·2	18·9
1895	1,896,400	2,142	13 6	113	39	1,543	91	356	5·3	1·8	72·0	4·3	16·6
1896	1,319,942	1,826	16·6	136	160	1,203	62	265	7·4	8·8	65·9	3·4	14·5
1897	923,111	3,077	40·0	344	755	1,486	129	363	11·2	24·5	48·3	4·2	11·8

Vizagapatam District—November 1897.

Years.	Population of villages for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths from				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	1,232,631	1,395	13·6	..	2	1,147	42	204	..	0·2	82·2	3·0	14·6
1889	1,390,887	2,631	22·7	4	30	2,336	33	228	0·1	1·1	88·8	1·3	8·7
1890	1,493,909	2,219	17·8	..	20	1,972	23	204	..	0·9	88·9	1 0	9·2
1891	1,455,856	2,086	17·2	3	23	1,693	47	320	0·1	1·1	81·2	2·3	15·3
1892	1,942,195	2,980	18·4	7	78	2,553	78	264	0·2	2·6	85·7	2·6	8·9
1893	1,942,195	2,685	16·6	2	56	2,318	67	242	0·1	2·1	86·3	2·5	9·0
1894	1,942,195	3,234	20·0	..	10	2,876	62	286	..	0·3	88·9	1·9	8·9
1895	1,658,937	2,808	20·3	4	8	2,509	52	235	0 1	0·3	89·3	1·9	8·4
1896	1,515,354	2,102	16·6	19	37	1,727	75	244	0·9	1 8	82·1	3·6	11·6
1897	1,414,908	3,961	33·6	154	71	3,236	120	380	3·9	1·8	81·7	3·0	9·6

Kurnool District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	784,173	1,599	24·5	2	157	1,038	30	372	0·1	9·8	64·9	1·9	23·3
1889	798,949	1,609	24 2	26	15	1,218	27	323	1·6	0·9	75·7	1·7	20·1
1890	814,003	1,636	24 1	..	54	1,186	44	352	..	3·3	72·5	2·7	21·5
1891	829,341	1,554	22·5	51	15	1,141	17	330	3·3	1·0	73·4	1·1	21·2
1892	844,967	2,394	34·0	102	6	1,830	42	414	4·3	0 2	76·4	1·8	17·3
1893	860,889	1,797	25·0	..	18	1,433	21	325	..	1 0	79·7	1·2	18·1
1894	877,110	1,472	20·1	..	21	1,092	19	340	..	1·4	74·2	1·3	23·1
1895	893,637	1,311	17·6	2	42	957	8	302	0·2	3·2	73·0	0·6	23·0
1896	910.475	1,109	14·6	2	46	814	7	240	0·2	4·2	73·4	0·6	21·6
1897	927,631	1,895	24·5	65	6	1,474	75	275	3·4	0·3	77 8	4·0	14·5

Cuddapah District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	1,236,407	2,022	19·6	34	89	1,460	64	435	1·7	4·4	69·2	3·2	21·5
1889	1,253,133	2,242	21·5	48	146	1,634	58	356	2·1	6·5	72·9	2·6	15·9
1890	1,268,059	2,048	19·4	84	80	1,508	53	323	4·1	3·9	73·6	2·6	15·8
1891	1,284,188	3,211	30·0	926	45	1,763	85	392	28·8	1·4	54·9	2·7	12·2
1892	1,300,522	2,998	27·7	69	25	2,388	76	440	2·3	0·8	79·7	2·5	14·7
1893	1,317,064	2,715	24·7	..	13	2,230	6	428	..	0·5	82·1	1·6	15·8
1894	1,333,816	2,949	26·5	2	13	2,334	9	535	0·1	0 4	79·1	2·2	18·2
1895	1,350,782	2,386	21·2	..	25	1,764	53	544	..	1·1	73·9	2·2	22·8
1896	1,367,963	1,834	16·1	50	26	1,284	38	436	2·7	1·4	70·0	2·1	23 8
1897	1,385,362	3,650	31·6	500	36	2,364	114	636	13·7	1·0	64·8	3·1	17·4

BELLARY District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	867,901	1,690	23·4	150	112	415	90	923	8·9	6·6	24·5	5·3	54·7
1889	887,021	1,655	22·4	114	51	520	78	892	6·9	3·1	31·4	4·7	53·9
1890	906,562	1,444	19·1	..	24	481	50	889	..	1·6	33·3	3·5	61·6
1891	926,533	1,697	22·0	53	6	569	61	1,008	3·1	0·4	33·5	3·6	59·4
1892	946,945	1,759	22·3	2	21	698	85	953	0·1	1·2	39·7	4·8	54·2
1893	967,806	1,765	21·9	1	45	866	61	792	0·1	2·5	49·1	3·4	44·9
1894	989,127	1,536	18·6	..	36	687	49	763	..	2·3	44·8	3·2	49·7
1895	1,010,917	1,277	15·2	48	12	494	53	670	3·8	0·9	38·7	4·1	52·5
1896	1,033,187	1,352	15·7	28	5	556	52	711	2·1	0·4	41·1	3·8	52·6
1897	1,055,948	2,384	27·1	196	15	1,169	122	882	8·2	0·7	49·0	5·1	37·0

ANANTAPUR District—November 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths under				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	All other causes.
1888	683,460	1,197	21·0	116	26	122	44	889	9·7	2·2	10·2	3·7	74·2
1889	694,498	1,215	21·0	42	68	194	20	891	3·5	5·6	16·0	1·6	73·3
1890	705,715	1,262	21·5	..	23	314	15	910	..	1·8	24·9	1·2	72·1
1891	717,112	886	14·8	5	8	134	17	722	0·6	0·9	15·1	1·9	81·5
1892	728,694	1,032	17·0	..	8	227	10	787	..	0·8	22·0	1·0	76·2
1893	740,463	982	15·9	14	9	189	16	754	1·4	0·9	19·3	1·6	76·8
1894	752,422	970	15·6	24	3	176	20	747	2·5	0·3	18·1	2·1	77·0
1895	764,573	1,015	15·9	..	49	207	23	736	..	4·8	20·4	2·3	72·5
1896	776,921	1,104	17·1	286	20	138	18	642	25·9	1·8	12·5	1·6	58·2
1897	789,487	2,017	30·7	434	24	440	72	1,047	21·5	1·2	21·8	3·6	51·9

Read—the following letter from Surgeon-Lieutenant-Colonel W. G. KING, M.B., C.M., D.P.H., Sanitary Commissioner for Madras, to the Secretary to the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated Fort St. George, 11th December 1897, No. 2596-S. :—

With reference to the Proceedings of the Board of Revenue, Mis. No. 2402, dated 30th March 1897, I have the honour to forward herewith the death-rates for the famine-affected districts for the month of October 1897, as compared with the average of 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 rates have been communicated to the Government of India.

SPECIAL death-rate return for the famine-affected districts for October 1897.

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 years.	Average death-rate of the month per mille per annum during ten previous non-famine years.	
Ganjám	* 41·7	..	* 18·8	* 18·1	..
Vizagapatam	* 45·8	..	* 18·2	* 18·8	..
Bhadráchalam	26·5	23·6	38·2	38·4	..
Kurnool	43·2	38·1	23·4	22·6	..
Cuddapah	54·9	50·4	22·3	21·3	..
Bellary	40·3	34·1	21·3	20·3	..
Anantapur	53·4	49·3	19·1	18·9	..

* 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 death-rate of five years instead of ten is given as the population for which returns were received are not available from 1892—95.

GANJAM District—October 1897.

Years.	Population for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	973,453	1,251	15·4	34	85	841	40	251	2·7	6·8	67·3	3·2	20·0
1889	977,692	1,819	22·3	35	73	1,284	57	370	1·9	4·0	70·6	3·1	20·4
1890	1,346,896	1,371	12·2	..	14	1,060	32	265	..	1·0	77·3	2·4	19·3
1891	1,376,420	1,839	16·0	..	12	1,400	35	392	..	0·7	76·1	1·9	21·3
1892	1,896,400	1,956	12·4	31	24	1,443	43	415	1·6	1·2	73·8	2·2	21·2
1893	1,896,400	1,986	12·6	..	30	1,494	56	406	..	1·5	75·2	2·8	20·5
1894	1,896,400	1,939	12·3	..	11	1,510	55	363	..	0·6	77·9	2·8	18·7
1895	1,896,400	2,362	14·9	13	32	1,829	102	386	0·6	1·4	77·4	4·3	16·3
1896	1,337,884	2,205	19·8	263	82	1,459	63	338	11·9	3·7	66·2	2·9	15·3
1897	1,024,838	3,563	41·7	551	460	1,928	211	413	15·5	12·9	54·1	5·9	11·6

VIZAGAPATAM District—October 1897.

Years.	Population for which returns were received.	Total deaths.	Death-rate per mille of population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	1,232,631	1,252	12·2	..	9	1,032	27	184	..	0·7	82·4	2·2	14·7
1889	1,890,887	2,562	22·1	15	42	2,217	37	251	0·6	1·6	86·5	1·5	9·8
1890	1,493,909	2,122	17·0	..	33	1,847	33	209	..	1·5	87·0	1·6	9·9
1891	1,455,856	2,287	18·9	10	16	1,899	63	299	0·4	0·7	83·0	2·8	13·1
1892	1,942,195	2,759	17·0	24	86	2,278	83	288	0·9	3·1	82·6	3·0	10·4
1893	1,942,195	2,570	15·9	..	41	2,160	65	304	..	1·6	84·0	2·6	11·8
1894	1,942,195	2,790	17·2	..	14	2,367	83	326	..	0·5	84·8	3·0	11·7
1895	1,659,282	3,453	25·0	..	1[illegible]	3,027	93	317	..	0·4	87·7	2·7	9·2
1896	1,682,733	2,887	20·6	97	15	2,405	68	302	3·4	0·5	83·3	2·3	10·5
1897	1,526,595	5,578	43·8	551	46	4,264	285	432	9·9	0·8	76·4	5·1	7·8

Kurnool District—October 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	782,957	1,402	21·5	..	101	999	20	282	..	7·2	71 3	1·4	20·1
1889	797,710	1,736	26·1	43	44	1,262	24	363	2·5	2·5	72 7	1·4	20·9
1890	812,741	1,574	23·2	17	34	1,149	38	336	1·1	2·2	73·0	2·4	21·3
1891	828,055	1,602	23·2	43	11	1,143	33	372	2·7	0·7	71·4	2·0	23·2
1892	843,654	2,106	29·9	116	18	1,551	58	363	5·5	0·9	73·6	2·8	17·2
1893	859,551	1,626	22·7	..	20	1,238	26	342	..	1·2	76·2	1·6	21·0
1894	875,747	1,427	19·5	5	23	1,073	15	311	0·4	1·6	75·2	1·0	21·8
1895	892,248	1,465	19·7	55	37	1,010	20	343	3·7	2 5	69·0	1·4	23·4
1896	909,068	1,451	19·1	60	34	1,048	8	301	4·1	2·3	72·2	0·6	20·8
1897	926,189	2,943	38·1	741	19	1,685	120	378	25·2	0·6	57·3	4·1	12·8

Cuddapah District—October 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	1,234,813	2,078	20·2	113	71	1,432	66	396	5·4	3·4	68·9	3·2	19·1
1889	1,250,518	2,230	21·4	27	118	1,630	70	385	1·2	5·3	73·1	3·1	17·3
1890	1,266,423	2,360	22·4	293	91	1,529	73	374	12·4	3·9	64·8	3·1	15·8
1891	1,282,530	2,462	23·0	404	40	1,587	76	355	16·4	1·6	64·5	3·1	14·4
1892	1,299,153	2,716	25·1	82	43	2,091	68	432	3·0	1·3	77·0	2·5	15·9
1893	1,315,677	2,570	23·4	..	6	2,091	43	430	..	0·2	81·4	1·7	16·7
1894	1,332,412	2,427	21·9	17	30	1,949	43	390	0·7	1·3	80·2	1·8	16·0
1895	1,349,359	2,262	20·1	..	11	1,701	40	510	..	0·5	75·2	1·8	22·5
1896	1,366,522	1,920	16·9	61	17	1,347	49	446	3·2	0·9	70·2	2·5	23·2
1897	1,383,903	5,816	50·4	2,450	27	2,413	163	763	42·1	0·5	41·5	2·8	13·1

Bellary District—October 1897.

Years	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	866,321	1,973	27·3	304	48	476	92	1,053	15·4	2·4	24·1	4·7	53·4
1889	885,405	1,922	26·0	166	25	529	94	1,108	8·6	1·3	27·5	4·9	57·7
1890	904,910	1,430	19·0	..	28	449	50	903	..	2·0	31 4	3·5	63·1
1891	924,844	1,885	24·4	137	11	542	61	1,134	7·3	0·6	28·7	3·2	60·2
1892	945,227	1,799	22·8	48	9	680	110	952	2·7	0·5	37·8	6·1	52·9
1893	966,060	1,631	20·2	..	44	729	60	798	..	2·7	44·7	3·7	48·9
1894	987,332	1,511	18·4	..	45	730	45	691	..	3·0	48·3	3·0	45·7
1895	1,009,083	1,348	16·0	70	7	527	49	695	5·2	0·5	39·1	3·6	51·6
1896	1,031,313	1,559	18·1	165	4	534	52	804	10·6	0·2	34·2	3·3	51·7
1897	1,054,033	2,995	34·1	596	19	1,207	244	929	19·9	0·6	40·3	8·2	31·0

Anantapur District—October 1897.

Years.	Estimated population.	Total deaths.	Death-rate per mille of estimated population.	Number of deaths under each of the principal causes.					Percentage of total deaths.				
				Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.	Cholera.	Small-pox.	Fevers.	Dysentery and Diarrhœa.	Other causes.
1888	682,591	1,130	19 9	102	11	138	37	842	9·0	1·0	12·2	3·3	74·5
1889	693,616	1,260	21·8	101	54	170	24	911	8·0	4·3	13·5	1·9	72·3
1890	704,819	1,217	20·7	..	27	221	27	942	..	2·2	18·2	2·2	77·4
1891	716,204	1,104	18·5	63	11	170	18	842	5·7	1·0	15·4	1·6	76·3
1892	727,723	1,114	18·4	31	14	203	18	848	2·8	1·3	18·2	1·6	76.1
1893	739,475	985	16 0	4	19	195	20	747	0·4	1·9	19·8	2·0	75·9
1894	751,418	993	15·7	33	10	181	17	742	3·4	1·0	18·4	1·7	75·5
1895	763.554	993	15·6	10	25	156	23	779	1·0	2·5	15·7	2·3	78·5
1896	775,886	1,345	20·8	454	21	140	14	716	33·8	1·6	10·4	1·0	53·2
1897	788,417	3,238	49·3	1,683	14	414	81	1,046	52·0	0·4	12·8	2·5	32·3

Resolution—No. 68, dated 8th February 1898.

Recorded with the remark that the death-rate during the month of November shows a considerable fall as compared with the returns for September and October.

2. The Sanitary Commissioner is requested to include Nellore in these returns and to give the figures from November 1897.

(True Copy and Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To the Secretary to Government, Revenue Department.
" Sanitary Commissioner.
" Collector of Ganjám.
" " of Vizagapatam.
" " of Kurnool.
" " of Cuddapah.
" " of Bellary.
" " of Anantapur.

Order—No. 135, Revenue, dated 8th March 1898.

Miscellaneous.

Recorded.

(True Extract.)

(Signed) G. S. FORBES,
Ag. Secretary to Government.

To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
" the Local and Municipal Department.

Exd. Shaik Karim.

50 Copies.

First copy sent to Press.

Returned for signature.

Despatched in print.

MEMORANDUM G.O., No.
192

DATED

CURRENT No.

DIFFERENCE TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DIFFS.

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

N.B.—
A = Print in full.
B = Not to be printed.
P = Print abstract only.
Q = Print heading only.